

# Bosnia and Herzegovina

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## A. REPORTING PARTY

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### Information on the preparation of the report

#### Box I.

Please provide information on the preparation of this report, including information on stakeholders involved and material used as a basis for the report.

#### **Applied methodology in preparation of Third national report for Bosnia and Herzegovina**

Applied methodology was developed by the national CBD co-ordinator according to the special features of Bosnia and Herzegovina: institutional framework, legislative, recent history, educated manpower's potential and socio-economic state of the country. Methodology was based on the fact that was recognized at the very beginning of Report's preparation, which is that Bosnia and Herzegovina doesn't possess mechanisms for the CBD's implementation that were developed in significant extent.

Establishment of the administrative framework for the project's realization was starting point of the national CBD co-ordinator preparatory activities, which were to explore and collect basic data on mechanisms and

activities related with the CBD's implementation , as well as on all stakeholders that could influence this process.

List of persons, to whom form was sent to, was carefully made due to the complex structure of Bosnia and Herzegovina authorities. Special care by the preparatory process for the III National Report was taken to invite following representatives:

- Governmental authority involved in decision making process
- Scientists, whose field of research is related with the issues of biodiversity and nature's conservation
- Economic subjects from different sectors, such as forestry
- Structures in charge for the protected area's management
- NGO's active in the field of biodiversity management
- GEF's National Focal Point

After the list of stakeholders was created, it became obvious that contribution of all participants to the english version of the form wouldn't be significant. Thus, as a first neede activity, it was decided to provide translation of the form.

Therefore, first phase of work started with a translation activities of the III National Report's form into bosnian language. Translated form was then distributed to all persons that are in charge for biodiversity management in Bosnia and Herzegovina, or are in any way involved with these issues, by national CBD co-ordinator.

Due to the fact that actual work on estimation of CBD's implementation in Bosnia and Herzegovina has already been done, in translated form, which was then distributed to the stakeholders, provided was a list of possible answers to the majority questions contained in the form.

According to the applied methodology, translated form was sent to them along with a letter informing them on workshop of the III National Report that should take place in one month. This letter was invitation's letter, too, whereby asked persons named above to study the form in details and prepare any kind of personal remarks for coming workshop.

Second phase of work was based on workshop's preparation. National CBD co-ordinator contacted all invited persons once more, in order to get final list of the participants and to ask some of them, university profosors of the natural science, to prepare small presentations on biodiversity issues in Bosnia and Herzegovina.

Workshop was held on 5<sup>th</sup> September 2005 in "Saraj Hotel" at Sarajevo.

After opening statement of the chairman (national CBD co-ordinator), it has been shown presentation on CBD, its past, present and future, as well as its objectives, means etc. This introduction was made by national CBD co-ordinator, too.

Biodiversity state in Bosnia and Herzegovina was illustrated by the scientific authorities. Prof. dr. Sulejman Redžic has presented special features, state and management of the biodiversity on the territory of F BiH, whereas Prof. dr. Branislav Nedovic has done the same for the territory of Republic Srpska. Legislative foundations of the biodiversity management were presented by Mrs. Azre Korac, representative of the Federal Ministry of Physical Planning and the Environment. The most important documents at the state's level (National Environmental Action Plan and Development Strategy of BiH) were presented by Mr. Mladen Rudež, coming from the same Ministry, which is also NFP on biodiversity in BiH.

During the workshop very constructive discussion among the participants has evolved. All of them took part in it by expressing its own opinion, mainly on obstacles and implementation possibilities.

Furthermore, discussed was general state of biodiversity in Bosnia and Herzegovina and options to improve it. One could hear many, even oposite, opinions. This was an excellent opportunity to exchange experiences between institutions and NGO's involved in biodiversity management on one side, and on the other, of the government.

Goals of these workshop were to get an overview of all advantages or disadvantages, as well as of all weaknesses and options to overcome them in Bosnia and Herzegovina. Standpoints of the participants on biodiveristy state were quite similar, but acceptance of the responsibilities for certain issues on this was questioning. At the end of the meeting, national CBD co-ordinator asked all participants to fill out the previously received forms, and to send them back as soon as possible.

But, it should be underlined that workshop wasn't attended by everyone invited. Absent were mostly representatives of governmental authorities and representatives of public firms.

In the third phase of work on III National Report review and summary of the obtained results by the project co-ordinator was done. Collected were filled out forms, sent back by the workshop's participants, and summarized its results. In the meanwhile, CBD co-ordinator contacted foreign consultant asking for useful

suggestions in order to get an output that would be acceptable for the international community. All advices that were kindly forwarded by foreign consultant were taken into account and followed up. Final form's version had to be translated once more, in english language. We would like to emphasize that time forseen for the project's realization (two months) wasn't long enough to finish all needed activities.

List of stakeholders:

No	Name and Surname	Institution
<b>National sub committee for biodiversity issues:</b>		
1.	Suada Catovic	Government of Brcko District
2.	Prof. dr. Milenko Radevic	Faculty of Science, University of Banja Luka
3.	Prof. dr. Dubravka Šoljan	Faculty of Science, University of Sarajevo
4.	Azra Korac	Federal ministry for physical planning and environment
5.	Prof. dr Branislav Nedovic	Faculty of science, University of Banja Luka
6.	Prof. dr. Mihajlo Markovic	Agricultural Faculty, University of Banja Luka
7.	Prof. dr. Sulejman Redžić	Faculty of Science, University of Sarajevo
8.	Rada Maunaga	Public enterprise «Srpske Šume»
9.	Prof. dr. Jakov Pehar	Agricultural institute Mostar
10.	Mr. Denis Zvizdic	Prime ministar of Canton Sarajevo
<b>Other</b>		
11.	Mladen Rudež	Federal Ministry for physical planning and environment
12.	Azra Rogovic	Ministry of Foreign Trade and economical relationships of BiH, GEF NFP
13.	Jelena Kadic	Institut for Nature protection of Republic Srpska
14.	Sabina Trakic	Faculty of Science, University of Sarajevo
15.	Dragan Romcevic	National park «Kozara»
16.	Stjepan Matic	Ramsar site and PP «Hutovo Blato»
17.	Mr Dražen Kotrošen	Land Museum of BiH
18.	Mr Mersudin Avdibegovic	Faculty of Forestry , University of Sarajevo
19.	Muhamed Ibrahimpašić	NGO «Unski Smaragdi» Bihac
20.	Prof. dr. Rifat Hadžiselimovic	Faculty of Science, University of Sarajevo
21.	Rijad Tikveša	NGO «Ekotim» Sarajevo
22.	Adisa Marshall	NGO «Zeleni-Neretva» Konjic
23.	Andrea Bevanda	Regional environmental center for central eastern Europe
24.	Prof. dr. Rifat Škrijel	Faculty of Science, University of Sarajevo
25.	Prof. dr. Avdo Sofradžija	Faculty of Science, University of Sarajevo
26.	Doc. dr. Sadbera Trožić Borovac	Faculty of Science, University of Sarajevo
27.	Doc. dr. Suvad Lelo	Faculty of Science, University of Sarajevo
28.	Doc. dr. Senka Barudanovic	Faculty of Science, University of Sarajevo, Project coordinator
29.	Karovic Elma	Public enterprise «Sarajevo-Šume
30.	Zoran Cancar	National park «Sutjeska»
31.	Ozren Laganin	Ministry of physical planning, building and environment of republic of srpska
32.	Mehmed Cero	Federal Ministry for physical planning and environment
33.	Ramiz Mehmedagic	Federal Ministry for physical planning and environment
34.	Nermina Skejovic	Ministry of Foreign Trade and economical relationships of BiH, Sector for environment
35.	Jasna Draganic	Regional environmental center for central eastern Europe
	<b>marked are absent participants</b>	

## B. PRIORITY SETTING, TARGETS AND OBSTACLES

### Box II.

Please provide an overview of the status and trends of various components of biological diversity in your country based on the information and data available.

#### **Biodiversity status in Bosnia and Herzegovina**

Bosnia and Herzegovina is situated in South Eastern Europe, in central part of the Balkan peninsula and has a total land area of 51 129 km<sup>2</sup>.

The state of Bosnia-Herzegovina is regulated by the Dayton agreement (signed in Paris, on 14<sup>th</sup> of December, 1995). State comprises the three separate administrative units of the Federation BiH (divided into 10 cantons, the Republika Srpska and the District of Brcko.

The land is mainly hilly and to mountainous, where 5 % are lowlands, 24 % are hills, 42 % are mountains and 29 % is the karst area.

Forest and forestlands cover about 50 % of the territory, while the total agricultural land covers 2,5 million ha.

Bosnia and Herzegovina, as a part of Balkans peninsula, is characterized by high level of flora and fauna diversity, in other words ecological diversity. These diversities are resulting from geographical location, in which different climate influences are reflecting, and from the complex of geological, geo-morphological and pedological conditions.

In bio-geographical regard, Bosnia and Herzegovina belongs to:

- Mediterranean region
- Euro Siberian – Boreo American region and
- Alpine - Nordic region.

In that sense, particular specificities of the BiH territory are the contact areas with evident mutual influences, but without clear borders between the different provinces.

Bosnia and Herzegovina is one of the European countries with the greatest plants and animals species diversity. Vascular flora counts a number of confirmed taxa of species, sub-species, and variety and form level. It is estimated that 30% of the total endemic flora on the Balkans is contained within the flora of Bosnia and Herzegovina. There are still no reliable data on the number of bacteria, blue-green bacteria or blue-green algae), but they are estimated to more than 2,000 species. Lichen and moss are poorly documented, as are fungi, although it is estimated there are several thousand fungi.

Fauna inventories are more advanced and indicate that the animal kingdom is rich and diverse, particularly in comparison to other countries in the Balkans and in Europe.

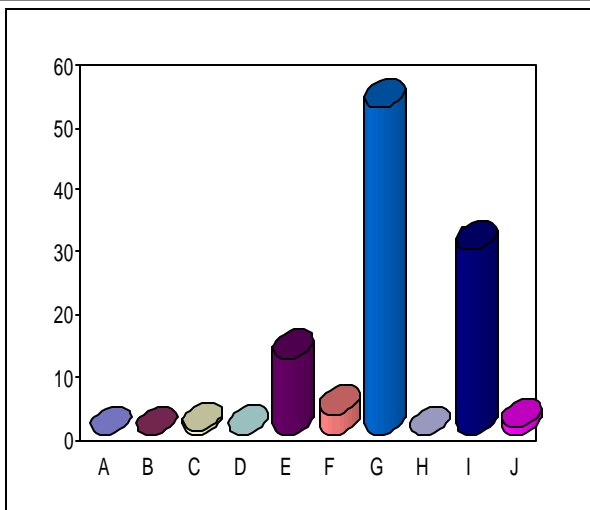
The botanical, zoological and phyto-cenological researching had a relatively long tradition within this spatial scope, so some data have dated even from 19th century. But, besides that, it could be asserted that Bosnian-Herzegovinian territory has not been researched enough yet. A greater problem is that data base is not enough processed, to which the fact, that there is no recent edition on flora and fauna and the biodiversity country study, points out.

Biodiversity status indicators

It is necessary to emphasise that no projects concerning habitat inventory and certain biodiversity levels have been implemented in the post-war period, actually in the period of the state's existence. Hence, the project Corine Biotopes has not been implemented in B&H, while, at present there is a lack of habitat classification. Rough data on habitat category differentiation are being obtained according to the of Corine Land Cover data base :

CLC code	category	no. of polygons	area [ha]	% of total
111	Continuous urban fabric	3	187	0,004
112	Discontinuous urban fabric	454	49254	0,962
121	Industrial or commercial units	93	4680	0,091
122	Road and rail networks and associated land	5	166	0,003
124	Airports	6	964	0,019
131	Mineral extraction sites	106	9819	0,19
132	Dump sites	10	623	0,012
133	Construction sites	8	404	0,008
142	Sport and leisure facilities	8	442	0,009
211	Non-irrigated arable land	370	112740	2,202
212	Permanently irrigated land	2	912	0,018
221	Vineyards	23	1804	0,035
222	Fruit trees and berry plantations	81	6264	0,122
231	Pastures	2975	398001	7,772
242	Complex cultivation patterns	3034	790138	15,429
243	Land principally occupied by agriculture, with significant areas of natural vegetation	5810	616456	12,038
311	Broad-leaved forest	3679	1627297	31,777
312	Coniferous forest	1114	243747	4,76
313	Mixed forest	1757	404122	7,892
321	Natural grassland	640	184943	3,611
322	Moors and heathland	392	103650	2,024
323	Sclerophyllous vegetation	303	71083	1,388
324	Transitional woodland-scrub	2606	405794	7,924
331	Beaches, dunes, sands	6	608	0,012
332	Bare rocks	76	4820	0,094
333	Sparsely vegetated areas	512	43286	0,845
334	Burnt areas	9	587	0,011
411	Inland marshes	30	5261	0,103
511	Water courses	118	13319	0,260
512	Water bodies	44	18150	0,354
523	Sea and ocean	1	1455	0,028
<b>Total:</b>		<b>24275</b>	<b>5120976</b>	<b>100,000</b>

10 main habitat categories have been identified on the basis of obtained data, as shown in Table 1:



### EUNIS Habitat type

- A: Marine habitats
- B: Coastal habitats
- C: Inland surface water habitats
- D: Bogs, fens and mires habitats
- E: Grassland habitats
- F: Heathland, scrub and tundra habitats
- G: Woodland and Forest habitats and other wooded lands
- H: Inland sparsely vegetated or unvegetated habitats
- I: Regularly or recently cultivated agricultural, horticultural and domestic habitats
- J: Constructed industrial and other artificial habitats

Graph.1 – Status of 10 main habitat categories in B&H

According to the CLC data base and table 1 it is noticeable that over 50% of B&H territory is covered by forest habitats. Diversity level of forest ecosystems in B&H might be considered high due to heterogeneous habitats developed under the conditions of Mediterranean, sub-Mediterranean and mountain, and continental climate. Taking into consideration a long tradition of forest resources exploitation in B&H a legislative concerning respective economic area has been developed. However, the existing legislative does not correspond to the activities and strategy of the Convention on biodiversity. Given that traditional forest practice, the possibility to apply an ecosystem approach in forest management is very low. Fragmented forest management and of the other natural resources represent a potential cause for permanent decrease of forest area and of other indicators of unsustainable nature management.

### Protected areas in B&H

CDDA base of protected areas under the national legislation comprises a list of 155 sites, with different protection categories. The total of protected surface is 0,65 % out of total state's territory. Protected area percentage will be increased by establishment of new protected areas that are to be included into Emerald network.

However, the following is to be emphasized:

- The existing protected areas have not been properly monitored, so it is impossible to transform the existing national protection categories in the appropriate IUCN category, and
- The existing protected areas have not been properly managed resulting in degradation of sites and a potential loss of biological basis of conservation status.

Certainly, in the post-war period numerous conservation activities in accordance with the IUCN methodology have been initiated and protected sites/areas established in that period have a defined IUCN category.

## Biodiversity management in B&H

In order to present an example of conservation activities that have been recently carried out in B&H, some research results of a case study will be shown. The researches have been conducted in order to establish protected area of the category III according to the IUCN criteria. Area of the research is located in Sarajevo Canton, central Bosnia. In accordance to the administrative decision that was brought at the cantonal level activities have been undertaken to establish this protected area, which has followed after the valorisation study on natural values of Skakavac area was made.

Investigated area is from the bio-geographic point of view very specific one due to the collision of impacts coming from Illyrian and Moesian province.

Highest peaks of this area are under tremendous impact of High Dinaric province that is comprised with Alpine-High Nordan region. One of the most important phytogeographical features of these mountains is the existence of *Abieti-Piceetalia* woods that aren't developed neither on central, south-western nor on south-eastern Dinaric Alps.

Mt. Ozren is situated ca.133 km away from the sea and 80 km from the Panonian plain. Influence of mediterranean, especially of sub-mediterranean climate is to be noticed from the south while, from the north the continental climate is obvious, too. In relation to the vegetation, this area shares certain vegetation similarities with some mountain ranges that are situated in Europe. Most endemic species have been detected in rock crevices communities of the alliance *Edraianthion jugoslavici*, and screes of the alliances *Achnantherion (Stipion) calamagrostidis* and *Corydalion ochroleucae*. Endemic and relic character have communities of submediterranean rocky pastures and meadows that belong to the alliance *Satureion subspicatae*, then meso-thermophilous pastures that belong to the sub-alliance *Gentiano-Crepidenion*, and sub-alpine pastures on siliceous foundation that belong to the alliance *Jasionion orbiculate*, and mesophilous (sub-) alpine meadows that belong to the alliance *Pancicion*.

When it comes to xerophilous meadows and pasture of the alliance *Xerobromion* detected were plant communities with the balcanic and south-european distribution. Here is placed southern distribution's boundary of the communities belonging to the class *Scheuchzerio-Caricetea fusci* and *Oxyccoco-Sphagnetae*.

Vegetation of this area comprises 1500 species of vascular flora. Bio-geographic analysis has shown high percentage of highly endemic floral elements – dinaric, balkan and southeast - european .

Balkan floral element comprises 100 forms, including following : *Rorippa lippizensis* (Wulfen) Reichenb. L., *Rhamnus fallax* Boiss, *Polypodium vulgare* L. var. *boreale* G. Beck, *Pinus nigra* Arnold, *Fagus moesiaca* (K.Maly) Czeck., *Cerastium moesiacum* Frivaldsky, *Dianthus croaticus* Borbas, *Dianthus croentus* Griseb, *Helleborus odorus* Waldst. et Kit. *Primula ambigua* G. Beck etc. Balkan-Alpine floral element includes over 50 forms, such as : *Silene saxifraga* L., *Corydalis ochroleuca* Koch, *Ranunculus serbicus* Vis., *Arabis alpina* L. var. *linneana* Wertst., *Erysimum erysimoides* (L.) Fritsch var. *carniolocum* G. Beck, *Silene saxifraga* L., *Corydalis ochroleuca* Koch, *Ranunculus serbicus* Vis.

*Arabis alpina* L. var. *linneana* Wertst., *Erysimum erysimoides* (L.) Fritsch var. *carniolocum* G. Beck, *Cirsium waldsteini* Rouy, *Scorzonera rosea* Waldst. et Kit. etc.)



There are 30 forms of the south-eastern floral element, including *Quercus daleschampii* Tenore, *Silene quadridentata* (Murr.) Pers., *Chamaecytisus hirsustus* (L.) Link., *Primula columnae* Ten., *Jurinea mollis* (L.) Reich., *Koeleria splendens* C. Presl etc.

In order to establish this protected area, applied was methodology of indicator values for plant communities regarding specific parameters. According to this methodology, as indicators were used multiple parameters. Recently assessment of ecosystem's state has been accomplished through evaluation of ecosystems according to the following parameters: general state of the ecosystem, relation to the intensity and spectrum of human impacts, assessment of the ecosystem's carrying capacity and assessment of the threat's level for each community.

For distinct parameters applied was scale as shown in Table 1:

INDEX	CARRYING CAPACITY OF ECOSYSTEMS
0	Ecosystem without possibilities for additional acceptance. A very sensitive to any changes in the structure and impacts of environmental factors.
1	Ecosystem without significant or with a very small carrying capacity. A very sensitive to human impacts and rapid changes in structure and dynamics. There is a danger to be completely destroyed or to become other type of ecosystem.
2	Ecosystem with a small carrying capacity. There is no danger to have any significant changes in its structure and dynamics.
3	Ecosystem without significant carrying capacity. It has wider ecological amplitude and possibilities to absorb human impacts. It has stable structure of edificators.
4	Ecosystem with a very high carrying capacity. A very stable structure of edificators, and a high resilience.
5	Ecosystem with maximal level of acceptance of waste materials (entropy) and with stable mechanism of energy flow and material cycling, extraordinary vitality of edificators.

On the basis of assessment that has been done for certain parameter's indices, created were spectres, which one part is shown in table 2

Table 3. Assessment of the state, carrying capacity, level of threat and parameters for conservation of plant communities in investigated area

IV	PLANT COMMUNITY	Current state			Conservation parameters				
		state	Current capacity	Level of threat	RA	U	RE	E	F
P	Ulmo-Aceretum illyricum	2	2	3/4	4/5	4	2	3/4	3
PS	Populetum tremulae	3	3/2	4/3	4	4	4	3	3/4
P	Alnetum glutinoso – incanae	2	2/1	2	4	4	4/5	3	3/4
P	Alnetum incanae	2	1/2	2	4/5	4	3	3	3

The results of applied GIS analysis of conservation criteria in investigated area have shown that considering endemism of plant communities (E):

% belong to                      category                      description of category

5	1	Community with exceptional number of endemic taxa
18	2	Community with a relatively high number of endemic
59	3	Community with moderate number of endemic taxa
18	4	Community with a small number of endemic taxa

Considering richness (R):

% belong to	category	description of category
51	2	Community with high number of species (between 71 and 100 taxa)
49	3	Community with moderate number of species (between 26 and 50 taxa);

Spectars of all considered parameters shown that investigated area has very specific value. According to the flora, fauna and vegetation specificity the zones of research have been defined as shown below

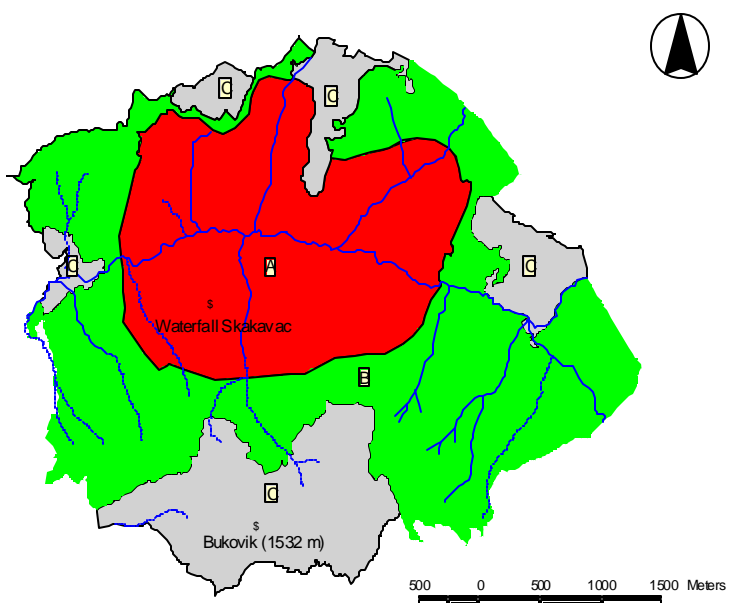


Fig. 2. Zonation of protected area Skakavac (A - core, B - buffer zone, C - transition zone)

On the basis of the complex results analysis referring to the all elements of spatial and temporal organization of ecosystems in study area, it was proposed to protect this area as Nature monument – IUCN category III protected area.

Hence, according to the aforementioned case study, scientific researches in B&H have been following the ecosystem approach as recommended by the Convention on biodiversity.

According to the data available, the ecosystem approach has not been applied and integrated management has not been established to the extent required..

### The existing mechanisms

The main strategic document that addresses the complexity of environmental issue in B&H is the National environmental action plan (NEAP), adopted in 2003. The respective document treats inter alia Air quality management, Integrated management of water resources, land resources-their protection, use and management, forest management; waste management, integral spatial management, health and safety, biodiversity, geodiversity and protection of natural and cultural heritage. The following elements have been

defined : current status, problem identification and analysis, aims and goals – those data were used as most valid for preparation of the third national report.

Although , some of the document chapters contain and use the term „integrated“, it is necessary to point out that biodiversity issue has hardly been or not even treated in different areas, such as water management, land resources management, etc. That indicates the lack of developed activities and mechanisms for implementation of programme of work of the Convention for forests, mountains, inland waters etc. On the other hand an excessive level of fragmentation in environmental management is present, actually in environmental processes.

An additional cause of such a status is contributed by the existing administrative, e.g. legislative arrangement in B&H.

According to the Dayton Peace Accord, and data provided in the report , environmental management issue is under the jurisdiction of entity administration level. This means that Law on environment and the respective ministry do not exist at the state level. Also , there is no professional institution nor agency that would be responsible for environmental management issue and biodiversity management as well.

Besides the need for capacity building, which is obvious , it is necessary to activate and consolidate the existing capacities in order to implement the Convention on biodiversity. As mentioned in the report itself, B&H has not developed a national strategy for biodiversity. The main problem concerning the biodiversity management, however, presents the lack of biodiversity inventory. Consequently, opportunities for conservation and other management programs are not widely opened.

Additionally to all aforementioned constraints, the fact that the war activities started in the period of creation of the Convention on biodiversity and World Summit must not be forgotten. During the period of strong promotion on significance of biodiversity , B&H was not able to produce adequate capacity, mechanisms and instruments that are effectively to follow existing and new trends. In the post war period, following the consolidation of own capacities, and transforming from scientific to the practical field, processes on the significance of biodiversity in processes of sustainable development started.

### Priority Setting

1. Please indicate, by marking an "X" in the appropriate column below, the level of priority your country accords to the implementation of various articles, provisions and relevant programmes of the work of the Convention.

Article/Provision/Programme of Work	Level of Priority		
	High	Medium	Low
a) Article 5 – Cooperation		X	
b) Article 6 - General measures for conservation and sustainable use			X
c) Article 7 - Identification and monitoring			x
d) Article 8 – <i>In-situ</i> conservation		x	
e) Article 8(h) - Alien species			X
f) Article 8(j) - Traditional knowledge and related provisions			X
g) Article 9 – <i>Ex-situ</i> conservation			X
h) Article 10 – Sustainable use of components of biological diversity			X
i) Article 11 - Incentive measures			X
j) Article 12 - Research and training		X	
k) Article 13 - Public education and awareness			X
l) Article 14 - Impact assessment and minimizing adverse impacts		x	
m) Article 15 - Access to genetic resources			X
n) Article 16 - Access to and transfer of technology			X
o) Article 17 - Exchange of information			X
p) Article 18 – Scientific and technical cooperation		x	
q) Article 19 - Handling of biotechnology and distribution of its benefits			X
r) Article 20 - Financial resources			x
s) Article 21 - Financial mechanism			X
t) Agricultural biodiversity			X

u) Forest biodiversity		X	
v) Inland water biodiversity		X	
w) Marine and coastal biodiversity			X
x) Dryland and subhumid land biodiversity			x
y) Mountain biodiversity		x	

### Challenges and Obstacles to Implementation

<b>2. Please use the scale indicated below to reflect the level of challenges faced by your country in implementing the provisions of the Articles of the Convention (5, 6,7, 8, 8h, 8j, 9, 10, 11,12, 13, 14, 15,16, 17, 18, 19 and 20)</b>	
3 = High Challenge	1 = Low Challenge
2 = Medium Challenge	0 = Challenge has been successfully overcome
N/A = Not applicable	

Challenges	Articles																	
	5	6	7	8	8h	8j	9	10	11	12	13	14	15	16	17	18	19	20
a) Lack of political will and support	2	3	3	3	2	3	3	3	2	2	3	1	3	1	1	2	1	3
b) Limited public participation and stakeholder involvement	3	3	2	3	2	3	3	3	3	3	3	3	3	2	3	3	1	3
c) Lack of mainstreaming and integration of biodiversity issues into other sectors	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
d) Lack of precautionary and proactive measures	3	3	2	3	3	3	3	3	3	2	3	3	3	2	2	3	3	3
e) Inadequate capacity to act, caused by institutional weakness	2	2	3	3	3	3	2	3	3	2	2	3	2	3	2	3	3	3
f) Lack of transfer of technology and expertise	2	2	2	2	3	1	2	3	3	3	1	3	3	3	2	3	3	2
g) Loss of	2	3	1	2	2	3	1	2	3	2	1	1	2	0	2	0	2	2

traditional knowledge																		
h) Lack of adequate scientific research capacities to support all the objectives	1	1	0	1	2	2	2	3	2	2	1	2	2	2	1	1	2	1
i) Lack of accessible knowledge and information	2	1	0	1	2	3	1	2	2	2	2	2	3	2	2	1	3	1
j) Lack of public education and awareness at all levels	3	2	1	3	3	3	3	3	3	1	3	3	3	1	3	3	3	3
k) Existing scientific and traditional knowledge not fully utilized	3	2	2	3	2	2	1	2	3	3	2	3	3	3	2	2	3	2
l) Loss of biodiversity and the corresponding goods and services it provides not properly understood and documented	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
m) Lack of financial, human, technical resources	3	2	2	3	3	2	3	3	2	3	3	3	3	3	3	3	3	3
n) Lack of economic incentive measures	3	2	1	3	3	3	2	3	3	3	2	3	3	3	2	1	3	3
o) Lack of benefit-sharing	2	2	1	3	2	3	2	3	3	2	2	3	3	3	2	1	3	3
p) Lack of synergies at national and international levels	2	2	2	2	3	1	1	2	2	3	3	2	3	3	2	3	3	3
q) Lack of horizontal cooperation among stakeholders	3	3	1	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3
r) Lack of effective partnerships	3	3	2	3	3	1	2	3	3	3	2	3	3	3	3	3	2	3
s) Lack of engagement of scientific	3	3	3	3	3	2	2	3	2	3	3	3	3	2	2	2	3	1

community																		
t) Lack of appropriate policies and laws	2	2	2	2	3	3	2	2	3	3	2	1	3	2	2	2	3	3
u) Poverty	2	2	1	3	2	2	3	2	2	3	2	3	1	2	2	2	2	2
v) Population pressure	2	2	1	2	2	2	2	3	2	2	2	2	1	2	1	1	2	2
w) Unsustainable consumption and production patterns	3	3	1	3	2	2	1	3	2	2	2	3	1	1	1	1	2	1
x) Lack of capacities for local communities	2	2	2	3	3	3	2	3	3	2	3	3	1	2	3	1	1	2
y) Lack of knowledge and practice of ecosystem-based approaches to management	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3
z) Weak law enforcement capacity	2	2	2	3	3	2	3	3	3	3	2	3	3	2	2	2	1	3
aa) Natural disasters and environmental change	1	1	1	3	2	1	2	2	2	1	2	1	1	1	1	0	0	0
bb) Others (please specify)	3	3	2	1	2	2	2	2	1	1	2	2	2	3	2	3	2	1

## 2010 Target

The Conference of the Parties, in decision VII/30, annex II, decided to establish a provisional framework for goals and targets in order to clarify the 2010 global target adopted by decision VI/26, help assess the progress towards the target, and promote coherence among the programmes of work of the Convention. Parties and Governments are invited to develop their own targets with this flexible framework. Please provide relevant information by responding to the questions and requests contained in the following tables.

### Box III.

<b>Goal 1</b>	<b>Promote the conservation of the biological diversity of ecosystems, habitats and biomes.</b>		
<b>Target 1.1</b>	<b>At least ten percent of each of the world's ecological regions effectively conserved</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/AIMS: Protection and sustainable management of biological, geological and landscape diversity			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		NEAP/FOREST MANAGEMENT/: Establishment of new and enlargement of current protected areas
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
Development strategy in B&H/Forest sector/Aims: Establishment of sustainable forest management in B&H, e.g. rational forest management and biodiversity protection			



IV) Please provide information on current status and trends in relation to this target.
There is no corresponding progress regarding the aim achievement.
V) Please provide information on indicators used in relation to this target.
Permanent reduction forest-based area trend (Development strategy in B&H,Forest sector)
VI) Please provide information on challenges in implementation of this target.
Legislative framework on forest management has not been harmonized with the aims of the Convention
VII) Please provide any other relevant information.

**Box IV.**

Target 1.2	Areas of particular importance to biodiversity protected		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/MEASURES:			
<ul style="list-style-type: none"> <li>- Preparation of an adequate protection program for 15-20% of the B&amp;H territory;</li> <li>- Protection of overall natural heritage in accordance with IUCN standards;</li> <li>- Preparation of a program for sustainable management of endemic and refuge centers;</li> </ul>			
Preparation of a program for sustainable management of high-mountain areas and mountain lakes			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		NEAP/FORES MANAGEMENT/:Defining new and expanding the existing natural reserves and protected areas
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			

c) Yes, into sectoral strategies, plans and programmes	X
Please provide details below.	
Development strategy in B&H/Forest sector/Aims: <ul style="list-style-type: none"> <li>➤ Establishment of sustainable forest management in B&amp;H, including rational forest management and protection of biodiversity</li> </ul>	
IV) Please provide information on current status and trends in relation to this target.	
Lack of corresponding progress related to aim achievement	
V) Please provide information on indicators used in relation to this target.	
Permanent reduction forest-based area trend (Development strategy in B&H, Forest sector)	
VI) Please provide information on challenges in implementation of this target.	
Legislative framework on forest management has not been harmonized with the aims of the Convention	
VII) Please provide any other relevant information.	

**Box V.**

<b>Goal 2</b>	<b>Promote the conservation of species diversity</b>		
<b>Target 2.1</b>	<b>Restore, maintain, or reduce the decline of populations of species of selected taxonomic groups</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/AIMS: <ul style="list-style-type: none"> <li>➤ Assessment of the actual state of biodiversity from the aspect of endangerment</li> <li>➤ Establishment of a monitoring system</li> </ul>			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	

c) Marine and coastal		X	
d) Dry and subhumid land		x	
e) Forest	X		NEAP/FOREST MANAGEMENT/:Biodiversity preservation
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
Development s strategy/Forest sector /Reform aims:			
<ul style="list-style-type: none"> <li>➤ Improvement of forest protection</li> <li>➤ Improvement of hunting area protection of domestic, rare and potentially endangered game animals</li> </ul>			
IV) Please provide information on current status and trends in relation to this target.			
Unknown			
V) Please provide information on indicators used in relation to this target.			
-			
VI) Please provide information on challenges in implementation of this target.			
<p>Inadequately developed by-laws</p> <ul style="list-style-type: none"> <li>➤ Inadequate financial support</li> <li>➤ Insufficiently developed management and monitoring system</li> </ul>			
VII) Please provide any other relevant information.			

**Box VI.**

<b>Target 2.2</b>		<b>Status of threatened species improved</b>	
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established		X	
Please provide details below.			
NEAP /BIODIVERSITY/AIMS/:			
➤ Assessment of biodiversity from the aspect of endangerment and geological diversity			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es)			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No		X	
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
-			
IV) Please provide information on current status and trends in relation to this target.			
-			
V) Please provide information on indicators used in relation to this target.			
-			
VI) Please provide information on challenges in implementation of this target.			
-			
VII) Please provide any other relevant information.			
-			

**Box VII.**

<b>Goal 3</b>	<b>Promote the conservation of genetic diversity</b>		
<b>Target 3.1</b>	<b>Genetic diversity of crops, livestock, and of harvested species of trees, fish and wildlife and other valuable species conserved, and associated indigenous and local knowledge maintained</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/AIMS:			
➤ Creation of a national gene bank for domesticated plants and animals			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
-			
IV) Please provide information on current status and trends in relation to this target.			
-			
V) Please provide information on indicators used in relation to this target.			
-			
VI) Please provide information on challenges in implementation of this target.			
-			
VII) Please provide any other relevant information.			
-			

**Box VIII .**

<b>Goal 4</b>	<b>Promote sustainable use and consumption.</b>		
<b>Target 4.1</b>	<b>Biodiversity-based products derived from sources that are sustainably managed, and production areas managed consistent with the conservation of biodiversity</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/AIMS:			
<ul style="list-style-type: none"> <li>➤ Balanced biodiversity management</li> <li>➤ Development of adequate methodology for sustainable management of natural heritage</li> </ul>			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		NEAP/FOREST MANAGEMENT/Aims: Sustainable forest management and preservation of biodiversity
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
Development strategy in B&H/Forest sector/Aims:			
<ul style="list-style-type: none"> <li>➤ Establishment of sustainable forest management in B&amp;H, including rational forest management and biodiversity protection</li> </ul>			
IV) Please provide information on current status and trends in relation to this target.			
Absence of adequate progress related to the aim achievement			
V) Please provide information on indicators used in relation to this target.			
Surface of protected forest areas is lower than envisaged (CDDA national data base)			

VI) Please provide information on challenges in implementation of this target.
<ul style="list-style-type: none"> <li>➤ A conflict of interests of different development policies</li> <li>➤ Weak financial support for project implementation concerning forest area protection</li> </ul>
VII) Please provide any other relevant information.
-

**Box IX.**

<b>Target 4.2</b>	<b>Unsustainable consumption, of biological resources, or that impacts upon biodiversity, reduced</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/MEASURES:			
<ul style="list-style-type: none"> <li>➤ Preparation of a program for sustainable management of endemic and refuge centers(canyons of Una,Neretva, Vrbas, Drine and Sana rivers)</li> <li>➤ Preparation of a program for sustainable management of the area along the Adriatic coast</li> <li>➤ Preparation of a program for sustainable management of high-mountain areas</li> </ul>			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		NEAP/FOREST MANAGEMENT/AIMS: Sustainable forest management and biodiversity preservation
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
DEVELOPMENT STRATEGY IN B&H/FORESTRY/			
<ul style="list-style-type: none"> <li>➤ Establishment of sustainable forest management in B&amp;H, including rational forest</li> </ul>			

management and biodiversity protection

IV) Please provide information on current status and trends in relation to this target.

Lack of adequate progress in implementation

V) Please provide information on indicators used in relation to this target.

Permanent reduction forest-based area trend (Development strategy in B&H, Forest sector)

VI) Please provide information on challenges in implementation of this target.

Legislative framework on forest management has not been harmonized with the aims of the Convention

VII) Please provide any other relevant information.

**Box X.**

<b>Target 4.3</b>		<b>No species of wild flora or fauna endangered by international trade</b>		
I) National target: Has a national target been established corresponding to the global target above?				
a) No				
b) Yes, the same as the global target				
c) Yes, one or more specific national targets have been established		X		
Please provide details below.				
NEAP/BIODIVERSITY/AIMS:				
➤ Protection from biological terrorism				
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).				
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>	
a) Agricultural		X		
b) Inland water		X		
c) Marine and coastal		X		
d) Dry and subhumid land		X		
e) Forest		X		
f) Mountain		x		
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?				
a) No		X		



b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
-	
IV) Please provide information on current status and trends in relation to this target.	
-	
V) Please provide information on indicators used in relation to this target.	
-	
VI) Please provide information on challenges in implementation of this target.	
-	
VII) Please provide any other relevant information.	
-	

**Box XI .**

<b>Goal 5</b>	<b>Pressures from habitat loss, land use change and degradation, and unsustainable water use, reduced.</b>		
<b>Target 5.1</b>	<b>Rate of loss and degradation of natural habitats decreased</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/ AIMS:			
<ul style="list-style-type: none"> <li>➤ Protection and balanced management of biological, geological and landscape diversity;</li> <li>➤ Ecological classification of ecosystems in B&amp;H as a precondition for sustainable biodiversity</li> </ul>			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		NEAP/FOREST MANAGEMENT/AIMS: Rehabilitation of degraded forest ecosystems
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and			

strategies?	
a) No	
b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	X
Please provide details below.	
DEVELOPMENT STRATEGY IN B&H:	
<ul style="list-style-type: none"> <li>➤ Continuous rehabilitation of forests</li> <li>➤ Improvement of forest protection</li> </ul>	
IV) Please provide information on current status and trends in relation to this target.	
The aim is undergoing implementation phase	
V) Please provide information on indicators used in relation to this target.	
Reduction of forest area	
VI) Please provide information on challenges in implementation of this target.	
Existence of institutional framework problems	
VII) Please provide any other relevant information.	

**Box XII.**

<b>Goal 6</b>	<b>Control threats from invasive alien species.</b>		
<b>Target 6.1</b>	<b>Pathways for major potential alien invasive species controlled</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/AIMS: ➤ Establishment of a monitoring system			
NEAP/BIODIVERSITY/MEASURES: ➤ Systematic inventory of invasive species of plants, animals, fungi and monera in accordance with the international standards with a special overview of the level of invasivity, spread and threat to domestic funds			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
-			
IV) Please provide information on current status and trends in relation to this target.			
-			
V) Please provide information on indicators used in relation to this target.			
-			
VI) Please provide information on challenges in implementation of this target.			
-			

VII) Please provide any other relevant information.

-

**Box XIII.**

<b>Target 6.2</b>		<b>Management plans in place for major alien species that threaten ecosystems, habitats or species</b>	
I) National target: Has a national target been established corresponding to the global target above?			
a) No		X	
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No		X	
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
-			
IV) Please provide information on current status and trends in relation to this target.			
-			
V) Please provide information on indicators used in relation to this target.			
-			
VI) Please provide information on challenges in implementation of this target.			
-			

VII) Please provide any other relevant information.

**Box XIV.**

<b>Goal 7</b>	<b>Address challenges to biodiversity from climate change, and pollution.</b>		
<b>Target 7.1</b>	<b>Maintain and enhance resilience of the components of biodiversity to adapt to climate change</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
-			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		DEVELOPMENT STRATEGY IN B&H
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
DEVELOPMENT STRATEGY OF B&H/Forest sector/Priorities: Reduction of impacts of global climate change by establishment of ecological balance between vegetation and environmental pollution			
IV) Please provide information on current status and trends in relation to this target.			
Unknown			
V) Please provide information on indicators used in relation to this target.			
Unknown			

VI) Please provide information on challenges in implementation of this target.
Unknown
VII) Please provide any other relevant information.
-

**Box XV.**

<b>Target 7.2</b>	<b>Reduce pollution and its impacts on biodiversity</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/AIR QUALITY MANAGEMENT/AIMS AND MEASURES:			
➤ Preparation of a program for stabilization and gradual diminishing of acid and green house gasses			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
-			
IV) Please provide information on current status and trends in relation to this target.			
-			
V) Please provide information on indicators used in relation to this target.			
-			

VI) Please provide information on challenges in implementation of this target.
-
VII) Please provide any other relevant information.
-

**Box XVI .**

<b>Goal 8</b>	<b>Maintain capacity of ecosystems to deliver goods and services and support livelihoods.</b>		
<b>Target 8.1</b>	<b>Capacity of ecosystems to deliver goods and services maintained</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below .			
NEAP/BIODIVERSITY/AIMS: - To put biodiversity and geodiversity in place with function in development of B&H			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		NEAP/FOREST MANAGEMENT/AIMS Rehabilitation of degraded forest ecosystems
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below .			
DEVELOPMENT STRATEGY OF B&H/FORESTRY: ➤ Improvement of forest management system; ➤ Improvement of forest protection			

IV) Please provide information on current status and trends in relation to this target.
The aim has been partially achieved
V) Please provide information on indicators used in relation to this target.
Expansion of the forest protected areas
VI) Please provide information on challenges in implementation of this target.
non-realized plans concerning protected areas management
VII) Please provide any other relevant information.
-

**Box XVII.**

<b>Target 8.2</b>	<b>Biological resources that support sustainable livelihoods, local food security and health care, especially of poor people maintained</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/MEASURES:			
➤ Preparation of programs and standards for sustainable use of biological resources in order to gain economic profit and reduce poverty in B&H			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
-			



IV) Please provide information on current status and trends in relation to this target.
-
V) Please provide information on indicators used in relation to this target.
-
VI) Please provide information on challenges in implementation of this target.
-
VII) Please provide any other relevant information.
-

**Box XVIII.**

<b>Goal 9</b>	<b>Maintain socio-cultural diversity of indigenous and local communities.</b>		
<b>Target 9.1</b>	<b>Protect traditional knowledge, innovations and practices</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/AIMS:			
➤ Conservation and sustainable management of cultural heritage in its natural environment			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
<b>Programme of work</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			

-
IV) Please provide information on current status and trends in relation to this target.
-
V) Please provide information on indicators used in relation to this target.
-
VI) Please provide information on challenges in implementation of this target.
-
VII) Please provide any other relevant information.
-

**Box XIX.**

<b>Target 9.2</b>	<b>Protect the rights of indigenous and local communities over their traditional knowledge, innovations and practices, including their rights to benefit sharing</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
-			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
-			

IV) Please provide information on current status and trends in relation to this target.
-
V) Please provide information on indicators used in relation to this target.
-
VI) Please provide information on challenges in implementation of this target.
-
VII) Please provide any other relevant information.
-

**Box XX.**

<b>Goal 10</b>	<b>Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources.</b>		
<b>Target 10.1</b>	<b>All transfers of genetic resources are in line with the Convention on Biological Diversity, the International Treaty on Plant Genetic Resources for Food and Agriculture and other applicable agreements</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY /MEASURES:			
➤ Preparation of a national strategy and action plan of management of genetically modified organisms (GMOs); Creation of a national gene bank for domesticated plants and animals			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			

c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
-	
IV) Please provide information on current status and trends in relation to this target.	
-	
V) Please provide information on indicators used in relation to this target.	
-	
VI) Please provide information on challenges in implementation of this target.	
-	
VII) Please provide any other relevant information.	
-	

**Box XXI .**

<b>Target 10.2</b>	<b>Benefits arising from the commercial and other utilization of genetic resources shared with the countries providing such resources</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
-			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			

Please provide details below.
-
IV) Please provide information on current status and trends in relation to this target.
-
V) Please provide information on indicators used in relation to this target.
-
VI) Please provide information on challenges in implementation of this target.
-
VII) Please provide any other relevant information.
-

**Box XXII.**

<b>Goal 11</b>	<b>Parties have improved financial, human, scientific, technical and technological capacity to implement the Convention.</b>		
<b>Target 11.1</b>	<b>New and additional financial resources are transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with Article 20</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
NEAP/BIODIVERSITY/AIMS:			
➤ Involvement in international projects and foundations			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			

a) No	X
b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
-	
IV) Please provide information on current status and trends in relation to this target.	
-	
V) Please provide information on indicators used in relation to this target.	
-	
VI) Please provide information on challenges in implementation of this target.	
-	
VII) Please provide any other relevant information.	
-	

**Box XXIII.**

<b>Target 11.2</b>	<b>Technology is transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with its Article 20, paragraph 4</b>		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
A decision on accession to CHM development has been made at the state level.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			

a) No	X
b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
-	
IV) Please provide information on current status and trends in relation to this target.	
-	
V) Please provide information on indicators used in relation to this target.	
-	
VI) Please provide information on challenges in implementation of this target.	
-	
VII) Please provide any other relevant information.	
-	

## Global Strategy for Plant Conservation (GSPC)

The Conference of the Parties, in decision VI/9, annex, adopted the Global Strategy for Plant Conservation. Parties and Governments are invited to develop their own targets with this flexible framework. The Conference of the Parties considered the Strategy as a pilot approach for the use of outcome oriented targets under the Convention. In decision VII/10, the Conference of the Parties decided to integrate the targets into the reporting framework for the Third National Reports. Please provide relevant information by responding to the questions and requests contained in the following tables.

### Box XXIV.

<b>Target 1. A widely accessible working list of known plant species, as a step towards a complete world flora.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
NEAP/BIODIVERSITY/AIMS:	
➤ Preparation of an inventory of biodiversity	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
Aim-based activities have not been undertaken	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
Law on nature protection of the Federation of B&H, Law on nature protection of Republika Srpska	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Lack of data available	
VI) Constraints to achieving progress towards the target	
<ul style="list-style-type: none"> <li>➤ Absence of legislative framework at state level,</li> <li>➤ Lack of an inventory of species through local and international projects in B&amp;H,</li> <li>➤ Lack of awareness on significance of a species inventory</li> <li>➤ Low level of environmental education by bodies responsible for the respective area</li> </ul>	
VII) Any other relevant information	
-	



**Box XXV.**

<b>Target 2. A preliminary assessment of the conservation status of all known plant species, at national, regional and international levels.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
NEAP/BIODIVERSITY/MEASURES: ➤ Assessment of the current state of endangered plants, animals and fungi	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
III) Current status (please indicate current status related to this target)	
Aim-based activities have not been commenced	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
Several projects on management and conservation of natural values at cantonal levels; Red List of plants (Šilic, GZM)	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Progress has been satisfactory	
VI) Constraints to achieving progress towards the target	
Precondition of conservation status assessment is an inventory, which has not been carried out in B&H.	
VII) Any other relevant information	
The existing Red List is a scientific paper, but not an official state document.	

**Box XXVI.**

<b>Target 3. Development of models with protocols for plant conservation and sustainable use, based on research and practical experience.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
NEAP/BIODIVERSITY/AIMS: -Development of adequate methodology for sustainable management of natural heritage	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
III) Current status (please indicate current status related to this target)	
B&H is currently undergoing initial stage in order to achieve the respective aim.	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
Development of methodology for assessment of the current state of biodiversity	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Metodology for assessment of the actual state of biodiversity has successfully been applied in establishment of new protected areas	
VI) Constraints to achieving progress towards the target	
<ul style="list-style-type: none"> <li>➤ Lack of adequate support for scientific researches;</li> <li>➤ Low level of results achieved</li> </ul>	
VII) Any other relevant information	

**Box XXVII.**

<b>Target 4. At least ten percent of each of the world's ecological regions effectively conserved.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	x
b) No	
Please specify	
<p>NEAP/BIODIVERSITY/MEASURES:</p> <ul style="list-style-type: none"> <li>▪ Preparation of an adequate protection program for 15-20% of the B&amp;H territory in accordance with IUCN criteria and preparation of a strategy and action plan for balanced protection</li> <li>▪ Preparation of a program for sustainable management of high-mountain areas and mountain lakes</li> <li>▪ Preparation of a program for balanced management of the area along the Adriatic coast</li> </ul>	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	x
b) No	
Please specify	
<ul style="list-style-type: none"> <li>➤ Establishing of new protected areas</li> <li>➤ Applying of new criteria and of protective measure of existing protected areas</li> <li>➤ Establishing of Emerald network</li> </ul>	
III) Current status (please indicate current status related to this target)	
B&H is currently undergoing the initial phase in order to achieve the respective aim	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
Several projects concerning nature conversation are in place.	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Progress has been considered unsatisfactory ( only minor areas are under adequate protection regimes)	
VI) Constraints to achieving progress towards the target	
A conflict of interests between protection and other possibilities of land use	
VII) Any other relevant information	

**Box XXVIII.**

<b>Target 5. Protection of fifty percent of the most important areas for plant diversity assured.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	x
b) No	
Please specify	
<p>NEAP/BIODIVERSITY/MEASURES:</p> <ul style="list-style-type: none"> <li>➤ Preparation of programs for sustainable management of endemic and refuge centers(canyons of Una, Neretva, Vrbas, Drina and Sana rivers , valleys of Trebižat, Pliva and Tinja)</li> <li>➤ Preparation of a program for sustainable management of high-mountain areas and mountain lakes</li> <li>➤ Preparation of a program for balanced management of the area along the Adriatic coast</li> </ul>	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	x
b) No	
Please specify	
<p>Single programs:</p> <ul style="list-style-type: none"> <li>➤ Feasibility Study of the National Park Una</li> </ul>	
III) Current status (please indicate current status related to this target)	
During the last two years, numerous activities have been undertaken by the state in order to achieve the respective aim	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
Creation/Designation of areas of special importance	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Progress has been noticeable, but not sufficient one. Endemic and refuge centers are not covered by protection level to the extent required.	
VI) Constraints to achieving progress towards the target	
Financial means required for establishment of new and management of the existing protected areas have not been systematically ensured yet.	
VII) Any other relevant information	

**Box XXIX.**

<b>Target 6. At least thirty percent of production lands managed consistent with the conservation of plant diversity.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	x
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXX.**

<b>Target 7. Sixty percent of the world's threatened species conserved <i>In-situ</i>.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXXI.**

<b>Target 8. Sixty percent of threatened plant species in accessible <i>Ex-situ</i> collections, preferably in the country of origin, and 10 percent of them included in recovery and restoration programmes.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
NEAP/BIODIVERSITY/AIMS:	
➤ Natural heritage protection in accordance with the IUCN criteria	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXXII.**

<b>Target 9. Seventy percent of the genetic diversity of crops and other major socio-economically valuable plant species conserved, and associated indigenous and local knowledge maintained.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	



**Box XXXIII.**

<b>Target 10. Management plans in place for at least 100 major alien species that threaten plants, plant communities and associated habitats and ecosystems.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXXIV.**

<b>Target 11. No species of wild flora endangered by international trade.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXXV.**

<b>Target 12. Thirty percent of plant-based products derived from sources that are sustainably managed.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXXVI.**

<b>Target 13. The decline of plant resources, and associated indigenous and local knowledge, innovations and practices that support sustainable livelihoods, local food security and health care, halted.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXXVII .**

<b>Target 14. The importance of plant diversity and the need for its conservation incorporated into communication, educational and public-awareness programmes.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
NEAP/BIODIVERSITY/AIMS: ➤ Improvement of ecological education and information	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	X
b) No	
Please specify	
<ul style="list-style-type: none"> <li>➤ Several projects to raise public awareness in coordination with the NGOs,</li> <li>➤ Projects of local environmental action plan in some municipalities in B&amp;H (Novi Grad Sarajevo, Trnovo, Sanski Most, Živinice, Maglaj, Doboj, Stari Grad Sarajevo),</li> <li>➤ Cantonal environmental action plan</li> </ul>	
III) Current status (please indicate current status related to this target)	
Several projects are currently undergoing implementation phase	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
<ul style="list-style-type: none"> <li>➤ In 2003 a set of new environmental laws was adopted in the Federation of Bosnia and Herzegovina and Republika Srpska, inter alia: Law on nature protection of the FB&amp;H, Law on nature protection of Republika Srpska.</li> <li>➤ Financial support to the NGOs</li> </ul>	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Progress is evidential, but not satisfactory.	
VI) Constraints to achieving progress towards the target	
Lack of education of bodies responsible (Lack of trained staff), Lack of environmental education curricula, insufficient organization and financial aid/support to the NGOs	
VII) Any other relevant information	
-	

**Box XXXVIII.**

<b>Target 15. The number of trained people working with appropriate facilities in plant conservation increased, according to national needs, to achieve the targets of this Strategy.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	x
Please specify	
-	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
-	
III) Current status (please indicate current status related to this target)	
-	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
-	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
-	
VI) Constraints to achieving progress towards the target	
-	
VII) Any other relevant information	
-	

**Box XXXIX.**

<b>Target 16. Networks for plant conservation activities established or strengthened at national, regional and international levels.</b>	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
NEAP/BIODIVERSITY/AIMS: ➤ Establishment of a monitoring system	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	X
b) No	
Please specify	
Law on nature protection of the Federation of Bosnia and Herzegovina, Law on nature protection of Republika Srpska, Law on nature protection of the Brcko District	
III) Current status (please indicate current status related to this target)	
Bosna and Herzegovina is currently undergoing the initial phase in achieving the respective aim	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
Rulebook on establishing and managing of information system for nature protection and monitoring	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Establishment of a network that will coordinate work between the staff and institutions is very slow	
VI) Constraints to achieving progress towards the target	
Fragmentation and lack of activity correlation in establishment of a network	
VII) Any other relevant information	
-	

**Box XL.**

Please elaborate below on the implementation of this strategy specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Given that B&H has been a Party to the Convention on biodiversity for some years, it has not given many opportunities to carry out actions towards the implementation.

The very first positive result has been achieved in preparation of the NEAP. The chapter that handles biodiversity issue comprises problem identification and analysis, the aims of biodiversity management and adequate measures for their achievement.

Hence, in the process of achievement of the goals of the strategic plan of the Convention, progress towards the 2010 target and achievement of the Millennium Development Goals, the outcomes are not attained to the extent required. Since B&H is currently undergoing the preparation phase of national biodiversity strategies and action plans, one might conclude that a positive reflection has been made towards the strategy of biodiversity management.

The causes of the current state are numerous:

- Lack of biodiversity inventory
- Deficiency of clear financial policy for management of biodiversity
- Absence of clear institutional framework
- Unbalanced land management
- Excessive exploitation of natural resources
- Pollution
- Intentional or accidental introduction of new species
- Water-drainage of habitats
- Illegal trade in endangered species



## Ecosystem Approach

The ecosystem approach is a strategy for the integrated management of land, water and living resources that promotes conservation and sustainable use in an equitable way. Application of the ecosystem approach will help to reach a balance of the three objectives of the Convention. At its second meeting, the Conference of the Parties has affirmed that the ecosystem approach is the primary framework for action under the Convention (decision II/8). The Conference of the Parties, at its fifth meeting, endorsed the description of the ecosystem approach and operational guidance and recommended the application of the principles and other guidance on the ecosystem approach. The seventh meeting of the Conference of the Parties agreed that the priority at this time should be facilitating implementation of the ecosystem approach. Please provide relevant information by responding to the following questions.

<b>3. ?<sup>1</sup></b> Is your country applying the ecosystem approach, taking into account the principles and guidance contained in the annex to decision V/6? (decision V/6)	
a) No	X
b) No, but application is under consideration	
c) Yes, some aspects are being applied	
d) Yes, substantially implemented	

<b>4. ?</b> Is your country developing practical expressions of the ecosystem approach for national policies and legislation and for implementation activities, with adaptation to local, national, and regional conditions? (decision V/6)	
a) No	X
b) No, but development is under consideration	
c) Yes, practical expressions have been developed for applying some principles of the ecosystem approach	
d) Yes, practical expressions have been developed for applying most principles of the ecosystem approach	

<b>5.</b> Is your country strengthening capacities for the application of the ecosystem approach, and providing technical and financial support for capacity-building to apply the ecosystem approach? (decision V/6)	
a) No	X
b) Yes, within the country	
c) Yes, including providing support to other Parties	

<b>6. ?</b> Has your country promoted regional cooperation in applying the ecosystem approach across national borders? (decision V/6)	
a) No	
b) Yes, informal cooperation (please provide details below)	X
c) Yes, formal cooperation (please provide details below)	

<sup>1</sup> Please note that all the questions marked with ? have been previously covered in the second national reports and some thematic reports.

Further comments on regional cooperation in applying the ecosystem approach across national borders.

B&H (Center for ecology and natural resources of the Faculty of Natural Sciences and Mathematics at the University in Sarajevo ) took participation in the project Integrated river basin management for the Sava.

**7.** Is your country facilitating the exchange of experiences, capacity building, technology transfer and awareness raising to assist with the implementation of the ecosystem approach? (decisions VI/12 and VII/11)

a) No	X
b) No, some programmes are under development	
c) Yes, some programmes are being implemented (please provide details below)	
d) Yes, comprehensive programmes are being implemented (please provide details below)	

Further comments on facilitating the exchange of experiences, capacity building, technology transfer and awareness raising to assist with the implementation of the ecosystem approach.

**8.** Is your country creating an enabling environment for the implementation of the ecosystem approach, including through development of appropriate institutional frameworks? (decision VII/11)

a) No	
b) No, but relevant policies and programmes are under development	
c) Yes, some policies and programmes are in place (please provide details below)	X
d) Yes, comprehensive policies and programmes are in place (please provide details below)	

Further comments on the creation of an enabling environment for the implementation of the ecosystem approach.

A new set of environmental laws (Law on nature protection of the FBiH, Law on nature protection of RS, Law on nature protection of the Brcko District, Law on environmental protection of the FBiH, Law on environmental protection of RS, Law on environmental protection of the Brcko District) includes development and strengthening of institutional framework and capacity building for integrated management implementation.

## C. ARTICLES OF THE CONVENTION

### Article 5 – Cooperation

<b>9. ?</b> Is your country actively cooperating with other Parties in respect of areas beyond national jurisdiction for the conservation and sustainable use of biological diversity?	
a) No	
b) Yes, bilateral cooperation (please give details below)	
c) Yes, multilateral cooperation (please give details below)	
d) Yes, regional and/or subregional cooperation (please give details below)	X
e) Yes, other forms of cooperation (please give details below)	
Further comments on cooperation with other Parties in respect of areas beyond national jurisdiction for the conservation and sustainable use of biodiversity.	
<p>In the recent years B&amp;H has been involved into several regional projects "Integrated river basin management for Sava" where B&amp;H, Serbia and Montenegro, Croatia and Slovenia were participating countries, and projects where B&amp;H and Croatia are involved such as : Integrated management for the Neretva, Hutovo, Vjetrenica etc.</p>	

<b>10.</b> Is your country working with other Parties to develop regional, subregional or bioregional mechanisms and networks to support implementation of the Convention? (decision VI/27 A)	
a) No	
b) No, but consultations are under way	
c) Yes, some mechanisms and networks have been established (please provide details below)	X
d) Yes, existing mechanisms have been strengthened (please provide details below)	
Further comments on development of regional, subregional or bioregional mechanisms and networks to support implementation of the Convention.	
<p>Within the project "Integrated river basin management for the Sava" it has been planned to establish a regional ecological network.</p>	

**11.** Is your country taking steps to harmonize national policies and programmes, with a view to optimizing policy coherence, synergies and efficiency in the implementation of various multilateral environment agreements (MEAs) and relevant regional initiatives at the national level? (decision VI/20)

a) No	X
b) No, but steps are under consideration	
c) Yes, some steps are being taken (please specify below)	
d) Yes, comprehensive steps are being taken (please specify below)	
Further comments on the harmonization of policies and programmes at the national level.	

**Box XLI.**

Please elaborate below on the implementation of this strategy specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Currently, B&H is not applying the ecosystem approach in biodiversity management and in implementation of the Convention. No actions neither measure are taken for that purpose. However, the respective ecosystem approach has a long tradition in applying into scientific researches. Taking this into consideration, the ecosystem approach will be introduced into practice, carrying out the appropriate actions and measures.

## Article 6 - General measures for conservation and sustainable use

**12.** Has your country put in place effective national strategies, plans and programmes to provide a national framework for implementing the three objectives of the Convention? (Goal 3.1 of the Strategic Plan)

a) No	X
b) No, but relevant strategies, plans and programmes are under development	
c) Yes, some strategies, plans and programmes are in place (please provide details below)	
d) Yes, comprehensive strategies, plans and programmes are in place (please provide details below)	
Further comments on the strategies, plans and programmes for implementing the three objectives of the Convention.	
NBSAP has not been defined yet.	

**13. ?** Has your country set measurable targets within its national strategies and action plans? (decisions II/7 and III/9)

a) No	X
b) No, measurable targets are still in early stages of development	
c) No, but measurable targets are in advanced stages of development	
d) Yes, relevant targets are in place (please provide details below)	
e) Yes, reports on implementation of relevant targets available (please provide details below)	
Further comments on targets set within national biodiversity strategies and action plans.	

**14.** Has your country identified priority actions in its national biodiversity strategy and action plan? (decision VI/27 A)

a) No	X
b) No, but priority actions are being identified	
c) Yes, priority actions identified (please provide details below)	
Further comments on priority actions identified in the national biodiversity strategy and action plan.	

<b>15. Has your country integrated the conservation and sustainable use of biodiversity as well as benefit sharing into relevant sectoral or cross-sectoral plans, programmes and policies? (decision VI/27 A)</b>	
a) No	
b) Yes, in some sectors (please provide details below)	X
c) Yes, in major sectors (please provide details below)	
d) Yes, in all sectors (please provide details below)	
Further information on integration of the conservation and sustainable use of biodiversity and benefit-sharing into relevant sectoral or cross-sectoral plans, programmes and policies.	
Conservation and sustainable use of biodiversity represents a part of development strategy/forestry sector	

<b>16. Are migratory species and their habitats addressed by your country's national biodiversity strategy or action plan (NBSAP)? (decision VI/20)</b>	
a) Yes	
b) No	X
<b>I) If YES, please briefly describe the extent to which it addresses</b>	
(a) Conservation, sustainable use and/or restoration of migratory species	
(b) Conservation, sustainable use and/or restoration of migratory species' habitats, including protected areas	
(c) Minimizing or eliminating barriers or obstacles to migration	
(d) Research and monitoring for migratory species	
(e) Transboundary movement	
<b>II) If NO, please briefly indicate below</b>	
(a) The extent to which your country addresses migratory species at national level	National strategy (NBSAP) has not been defined yet
(b) Cooperation with other Range States since 2000	National strategy (NBSAP) has not been defined yet.

## Biodiversity and Climate Change

<b>17. Has your country implemented projects aimed at mitigating and adapting to climate change that incorporate biodiversity conservation and sustainable use? (decision VII/15)</b>	
a) No	X
b) No, but some projects or programs are under development	
c) Yes, some projects have been implemented (please provide details below)	
Further comments on the projects aimed at mitigating and adapting to climate change that incorporate biodiversity conservation and sustainable use.	

<b>18. Has your country facilitated coordination to ensure that climate change mitigation and adaptation projects are in line with commitments made under the United Nations Framework Convention on Climate Change and the United Nations Convention to Combat Desertification? (decision VII/15)</b>	
a) No	X
b) No, but relevant mechanisms are under development	
c) Yes, relevant mechanisms are in place (please provide details below)	
Further comments on the coordination to ensure that climate change mitigation and adaptation projects are in line with commitments made under the UNFCCC and the UNCCD.	

### Box XLII .

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> <li>a) outcomes and impacts of actions taken;</li> <li>b) contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>c) contribution to progress towards the 2010 target;</li> <li>d) progress in implementing national biodiversity strategies and action plans;</li> <li>e) contribution to the achievement of the Millennium Development Goals;</li> <li>f) constraints encountered in implementation.</li> </ul>
<p>National biodiversity strategy and action plan have not been defined yet, hence it is not possible to discuss any actions taken.</p>

## Article 7 - Identification and monitoring

<b>19. ?</b> On Article 7(a), does your country have an ongoing programme to identify components of biological diversity at the genetic, species, ecosystem level?	
a) No	
b) Yes, selected/partial programmes at the genetic, species and/or ecosystem level only (please specify and provide details below)	X
c) Yes, complete programmes at ecosystem level and selected/partial inventories at the genetic and/or species level (please specify and provide details below)	
Further comments on ongoing programmes to identify components of biodiversity at the genetic, species and ecosystem level.	
Within the project "Integrated river basin management for the Sava", the following project has been planned: "Field investigation on specific habitats in Sava river basin"	

<b>20. ?</b> On Article 7(b), which components of biological diversity identified in accordance with Annex I of the Convention, have ongoing, systematic monitoring programmes?	
a) at ecosystem level (please provide percentage based on area covered)	
b) at species level (please provide number of species per taxonomic group and percentage of total known number of species in each group)	X
c) at genetic level (please indicate number and focus of monitoring programmes )	
Further comments on ongoing monitoring programmes at the genetic, species and ecosystem level.	
<p>Within the Ransmo project, the following pilot study is currently undergoing the implementation phase: "Biodiversity monitoring of higher plants (<i>Cormophyta</i>), of higher fungi (<i>Macromycetes</i>) and birds (<i>Aves</i>) on the Ozren mountain. The following items are being defined by now:</p> <ul style="list-style-type: none"> <li>- Birds (80 species, e.g 24,85 %out of total species registered in B&amp;H)</li> <li>- Vascular plants (965 types,e.g ca. 21% of the total number of vascular plants in B&amp;H)</li> <li>- Fungi (126 types, the total number of fungi unknown in B&amp;H)</li> </ul>	

<b>21. ?</b> On Article 7(c), does your country have ongoing, systematic monitoring programmes on any of the following key threats to biodiversity?	
a) No	
b) Yes, invasive alien species (please provide details below)	
c) Yes, climate change (please provide details below)	
d) Yes, pollution/eutrophication (please provide details below)	X
e) Yes, land use change/land degradation (please provide details below)	
f) Yes, overexploitation or unsustainable use (please provide details below)	
Further comments on monitoring programmes on key threats to biodiversity.	



Monitoring of air and water quality has been carried out within the scope of Hydro-meteorological Institute of B&H. Those results are listed in national reports (EIONET).

**22. ?** On Article 7 (d), does your country have a mechanism to maintain and organize data derived from inventories and monitoring programmes and coordinate information collection and management at the national level?

a) No	
b) No, but some mechanisms or systems are being considered	X
c) Yes, some mechanisms or systems are being established	
d) Yes, some mechanisms or systems are in place (please provide details below)	
e) Yes, a relatively complete system is in place (please provide details below)	

Further information on the coordination of data and information collection and management.

Within the Law on nature protection (Official Gazette of the FB&H) as its secondary legislation a rulebook on establishment and management of information system for nature protection and monitoring has been adopted. Corresponding secondary legislation is currently undergoing the preparation phase in Republika Srpska.

**23. ?** Does your country use indicators for national-level monitoring of biodiversity? (decision III/10)

a) No	
b) No, but identification of potential indicators is under way (please describe)	
c) Yes, some indicators identified and in use (please describe and, if available, provide website address, where data are summarized and presented)	X
d) Yes, a relatively complete set of indicators identified and in use (please describe and, if available, provide website address, where data are summarized and presented)	

Further comments on the indicators identified and in use.

Within the LIFE Project (Setting up an operational unit under the Environmental Steering Committee for Bosna and Herzegovina (ESC BiH) the following indicators have been identified:

- State of 10 main EUNIS habitats types per biogeographic region and per country
- Naturalness of forests
- Species richness in proportion to surface area of the countries
- Endemic species richness in proportion to surface area of biogeographic region

Within the national projects the following indicators have been identified at the ecosystem level ([www.cepres.pmf.unsa.ba](http://www.cepres.pmf.unsa.ba))

- General ecological state of ecosystem
- Capacity of ecosystem acceptance
- Level of endangered ecosystem

**Box XLIII.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Generally speaking, an inventory of biodiversity has not been conducted in B&H at any level. As aforementioned, B&H has been facing the lack of data base. However, a number of individual projects is currently undergoing the implementation phase, while new legislative framework is to be established aiming at the implementation of the Convention on biodiversity.

Considering these facts, it might be concluded that B&H contribution towards achievement of the Convention's strategic plan, of the progress of targets for 2010 and of achievement of Millennium development goals has not been high. On the other hand, indisputable efforts are provided to harmonize its legislation and practice with requirements as defined by the Convention and its respective harmonized program.

### Decisions on Taxonomy

**24.?** Has your country developed a plan to implement the suggested actions as annexed to decision IV/1? (decision IV/1)

a) No	X
b) No, but a plan is under development	
c) Yes, a plan is in place (please provide details below)	
d) Yes, reports on implementation available (please provide details below)	

Further information on a plan to implement the suggested actions as annexed to decision IV/1.

**25.?** Is your country investing on a long-term basis in the development of appropriate infrastructure for your national taxonomic collections? (decision IV/1)

a) No	X
b) Yes (please provide details below)	

Further information on investment on a long-term basis in the development of appropriate infrastructure for your national taxonomic collections.

<b>26.?</b> Does your country provide training programmes in taxonomy and work to increase its capacity of taxonomic research? (decision IV/1)	
a) No	
b) Yes (please provide details below)	X
Further information on training programmes in taxonomy and efforts to increase the capacity of taxonomic research.	
Graduate and Post graduate studies at Biology Department of the Faculty of Natural Sciences and Mathematics in Sarajevo provide and increase capacity of taxonomic research.	

<b>27.?</b> Has your country taken steps to ensure that institutions responsible for biological diversity inventories and taxonomic activities are financially and administratively stable? (decision IV/1)	
a) No	X
b) No, but steps are being considered	
c) Yes, for some institutions	
d) Yes, for all major institutions	

<b>28.*</b> <sup>2</sup> Is your country collaborating with the existing regional, subregional and global initiatives, partnerships and institutions in carrying out the programme of work, including assessing regional taxonomic needs and identifying regional-level priorities? (decision VI/8)	
a) No	X
b) No, but collaborative programmes are under development	
c) Yes, some collaborative programmes are being implemented (please provide details about collaborative programmes, including results of regional needs assessments)	
d) Yes, comprehensive collaborative programmes are being implemented (please provide details about collaborative programmes, including results of regional needs assessment and priority identification)	
Further information on the collaboration your country is carrying out to implement the programme of work for the GTI, including regional needs assessment and priority identification.	

<sup>2</sup> The questions marked with \* in this section on Taxonomy are similar to some questions contained in the format for a report on the implementation of the programme of work on the Global Taxonomy Initiative. Those countries that have submitted such a report do not need to answer these questions unless they have updated information to provide.

<b>29. *</b> Has your country made an assessment of taxonomic needs and capacities at the national level for the implementation of the Convention? (annex to decision VI/8)	
a) No	X
b) Yes, basic assessment made (please provide below a list of needs and capacities identified)	
c) Yes, thorough assessment made (please provide below a list of needs and capacities identified)	
Further comments on national assessment of taxonomic needs and capacities.	

<b>30. *</b> Is your country working on regional or global capacity building to support access to, and generation of, taxonomic information in collaboration with other Parties? (annex to decision VI/8)	
a) No	X
b) Yes, relevant programmes are under development	
c) Yes, some activities are being undertaken for this purpose (please provide details below)	
d) Yes, many activities are being undertaken for this purpose (please provide details below)	
Further comments on regional or global capacity-building to support access to, and generation of, taxonomic information in collaboration with other Parties.	

<b>31. *</b> Has your country developed taxonomic support for the implementation of the programmes of work under the Convention as called upon in decision VI/8? (annex to decision VI/8)	
a) No	
b) Yes, for forest biodiversity (please provide details below)	
c) Yes, for marine and coastal biodiversity (please provide details below)	
d) Yes, for dry and sub-humid lands (please provide details below)	
e) Yes, for inland waters biodiversity (please provide details below)	
f) Yes, for mountain biodiversity (please provide details below)	
g) Yes, for protected areas (please provide details below)	X
h) Yes, for agricultural biodiversity (please provide details below)	
i) Yes, for island biodiversity (please provide details below)	
Further comments on the development of taxonomic support for the implementation of the programmes of work under the Convention.	

B&H has not developed taxonomic support for the implementation of the programmes of work within the Convention. However, the taxonomy programmes have been developed as result of scientific work in certain fields, including forest biodiversity, wet and sub-humid areas, inland water biodiversity, mountain biodiversity and protected areas.

**32. \*** Has your country developed taxonomic support for the implementation of the cross-cutting issues under the Convention as called upon in decision VI/8?

a) No	X
b) Yes, for access and benefit-sharing (please provide details below)	
c) Yes, for Article 8(j) (please provide details below)	
d) Yes, for the ecosystem approach (please provide details below)	
e) Yes, for impact assessment, monitoring and indicators (please provide details below)	
f) Yes, for invasive alien species (please provide details below)	
g) Yes, for others (please provide details below)	

Further comments on the development of taxonomic support for the implementation of the cross-cutting issues under the Convention.

### **Article 8 - *In-situ* conservation [excluding paragraphs (a) to (e), (h) and (j)]**

**33. ?** On Article 8(i), has your country endeavored to provide the conditions needed for compatibility between present uses and the conservation of biological diversity and sustainable use of its components?

a) No	
b) No, but potential measures are being identified	X
c) Yes, some measures undertaken (please provide details below)	
d) Yes, comprehensive measures undertaken (please provide details below)	

Further comments on the measures taken to provide the conditions needed for compatibility between present uses and the conservation of biological diversity and sustainable use of its components.

NEAP/BIODIVERSITY/MEASURES:

It is necessary to prepare the legislative framework in the field of biodiversity; to prepare a programme and standards for sustainable use of biological resources; to carry out assessment of the actual state of endangered plants, animals and fungi;

Preparation of programs for placing 15-20% of B&H territory under adequate protection regime in accordance with IUCN criterias; Preparation of a strategy and action plan for balanced protection etc.

<b>34. ?</b> On Article 8(k), has your country developed or maintained the necessary legislation and/or other regulatory provisions for the protection of threatened species and populations?	
a) No	
b) No, but legislation is being developed	X
c) Yes, legislation or other measures are in place (please provide details below)	
Further information on the legislation and/or regulations for the protection of threatened species and populations.	
Within the Law on nature protection a set of by-laws is undergoing preparation phase, including one that refers to the protection of endangered species and population.	

<b>35. ?</b> On Article 8(l), does your country regulate or manage processes and categories of activities identified under Article 7 as having significant adverse effects on biological diversity?	
a) No	
b) No, but relevant processes and categories of activities being identified	X
c) Yes, to a limited extent (please provide details below)	
d) Yes, to a significant extent (please provide details below)	
Further comments on the regulation or management of the processes and categories of activities identified by Article 7 as having significant adverse effects on biodiversity.	
NEAP/BIODIVERSITY/ : Chapter "CAUSES" is related to identified processes exercising special impacts on biodiversity.	

**Box XLIV.**

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ol style="list-style-type: none"> <li>outcomes and impacts of actions taken;</li> <li>contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>contribution to progress towards the 2010 target;</li> <li>progress in implementing national biodiversity strategies and action plans;</li> <li>contribution to the achievement of the Millennium Development Goals;</li> <li>constraints encountered in implementation</li> </ol>
<p>B&amp;H contribution in implementing in-situ conservation is not satisfactory according to the potentials and needs required. However, the accession process to the EU standards recognizes the needs for conservation activities. It might be assumed that such activities are to be taken in our country after the following issues have been addressed:</p> <ul style="list-style-type: none"> <li>Establishment of Emerald sites (project in place),</li> <li>Classification of habitat types in accordance with habitat and EUNIS classification,</li> <li>Habitat identification whose protection requires conservation measures.</li> </ul> <p>Constraints encountered in implementation of this Article are numerous. First of all, there is a conflict of interests between short-term benefit-sharing and benefit-sharing through conservation of species and habitats, as well as insufficient political support for conservation implementation.</p>

### Programme of Work on Protected Areas (Article 8 (a) to (e))

<b>36.</b> Has your country established suitable time bound and measurable national-level protected areas targets and indicators? (decision VII/28)	
a) No (please specify reasons)	X
b) No, but relevant work is under way	
c) Yes, some targets and indicators established (please provide details below)	
d) Yes, comprehensive targets and indicators established (please provide details below)	
Further comments on targets and indicators for protected areas.	
Within the national environmental action plan a spatial but not a time framework has been defined in selecting protected areas against an appropriate percentage.	

<b>37.</b> Has your country taken action to establish or expand protected areas in any large or relatively unfragmented natural area or areas under high threat, including securing threatened species? (decision VII/28)	
a) No	
b) No, but relevant programmes are under development	
c) Yes, limited actions taken (please provide details below)	X
d) Yes, significant actions taken (please provide details below)	
Further comments on actions taken to establish or expand protected areas.	
In the recent years, Bosnia and Herzegovina has undertaken certain activities aimed at establishment of new protected areas. Therefore, a Feasibility Study for the National Park Una is being prepared, as well as a Feasibility Study for Igman and Bjelasnica –areas of significant importance	

<b>38.</b> Has your country taken any action to address the under representation of marine and inland water ecosystems in the existing national or regional systems of protected areas? (decision VII/28)	
a) No	
b) Not applicable	
c) No, but relevant actions are being considered	
d) Yes, limited actions taken (please provide details below)	x
e) Yes, significant actions taken (please provide details below)	
Further comments on actions taken to address the under representation of marine and inland water ecosystems in the existing national or regional systems of protected areas.	
The project Integrated river basin management for the Sava is currently undergoing the implementation phase aimed at the identification of wetland in Posavina that is to be introduced into a network of protected areas. Also, within the project on Feasibility Study for national park Una ecosystems of the river Una are to be identified.	

<b>39. Has your country identified and implemented practical steps for improving the integration of protected areas into broader land and seascapes, including policy, planning and other measures? (decision VII/28)</b>	
a) No	
b) No, but some programmes are under development	
c) Yes, some steps identified and implemented (please provide details below)	X
d) Yes, many steps identified and implemented (please provide details below)	
Further comments on practical steps for improving integration of protected areas into broader land and seascapes, including policy, planning and other measures.	
B&H is currently undergoing the accession phase into the Pan-European ecological network, and establishment of Emerald network in B&H.	

<b>40. Is your country applying environmental impact assessment guidelines to projects or plans for evaluating effects on protected areas? (decision VII/28)</b>	
a) No	
b) No, but relevant EIA guidelines are under development	X
c) Yes, EIA guidelines are applied to some projects or plans (please provide details below)	
d) Yes, EIA guidelines are applied to all relevant projects or plans (please provide details below)	
Further comments on application of environmental impact assessment guidelines to projects or plans for evaluating effects on protected areas.	
Rulebook on environmental impact assessment is currently undergoing preparation phase, within the Law on environmental protection.	

<b>41. Has your country identified legislative and institutional gaps and barriers that impede effective establishment and management of protected areas? (decision VII/28)</b>	
a) No	
b) No, but relevant work is under way	
c) Yes, some gaps and barriers identified (please provide details below))	x
d) Yes, many gaps and barriers identified (please provide details below)	
Further comments on identification of legislative and institutional gaps and barriers that impede effective establishment and management of protected areas.	
Law on nature protection and Law on environmental protection have not been adopted at state, but entity and District Brcko level. Environmental management at entity level represents a potential barrier that impedes effective management of protected areas. On the other hand, there is no national agency that would be committed in establishment and management of protected areas.	



<b>42. Has your country undertaken national protected-area capacity needs assessments and established capacity building programmes? (decision VII/28)</b>	
a) No	
b) No, but assessments are under way	
c) Yes, a basic assessment undertaken and some programmes established (please provide details below)	x
d) Yes, a thorough assessment undertaken and comprehensive programmes established (please provide details below)	
Further comments on protected-area capacity needs assessment and establishment of capacity building programmes.	
There is a need to place 15-20 % of B&H territory under adequate protection regimes. Therefore, B&H has acceded the establishment of EMERALD network of protected sites/areas.	

<b>43. Is your country implementing country-level sustainable financing plans that support national systems of protected areas? (decision VII/28)</b>	
a) No	
b) No, but relevant plan is under development	x
c) Yes, relevant plan is in place (please provide details below)	
d) Yes, relevant plan is being implemented (please provide details below)	
Further comments on implementation of country-level sustainable financing plans that support national systems of protected areas.	
Law on ecological fund of the FB&H has been adopted( Official Gazzete of the FB&H 33/03), while on the other hand the respective Law is undergoing the preparation phase in Republika Srpska.	

<b>44. Is your country implementing appropriate methods, standards, criteria and indicators for evaluating the effectiveness of protected areas management and governance? (decision VII/28)</b>	
a) No	X
b) No, but relevant methods, standards, criteria and indicators are under development	
c) Yes, some national methods, standards, criteria and indicators developed and in use (please provide details below)	
d) Yes, some national methods, standards, criteria and indicators developed and in use and some international methods, standards, criteria and indicators in use (please provide details below)	
Further comments on methods, standards, criteria and indicators for evaluating the effectiveness of protected areas management and governance.	

**Box XLV.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

The reply corresponds Box XLIV

### Article 8(h) - Alien species

**45.** Has your country identified alien species introduced into its territory and established a system for tracking the introduction of alien species?

a) No	X
b) Yes, some alien species identified but a tracking system not yet established	
c) Yes, some alien species identified and tracking system in place	
d) Yes, alien species of major concern identified and tracking system in place	

**46. ?** Has your country assessed the risks posed to ecosystems, habitats or species by the introduction of these alien species?

a) No	X
b) Yes, but only for some alien species of concern (please provide details below)	
c) Yes, for most alien species (please provide details below)	

Further information on the assessment of the risks posed to ecosystems, habitats or species by the introduction of these alien species.

**47. ?** Has your country undertaken measures to prevent the introduction of, control or eradicate, those alien species which threaten ecosystems, habitats or species?

a) No	X
b) No, but potential measures are under consideration	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures to prevent the introduction of, control or eradicate those alien species that threaten ecosystems, habitats or species.

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**48. ?** In dealing with the issue of invasive species, has your country developed, or involved itself in, mechanisms for international cooperation, including the exchange of best practices? (decision V/8)

a) No	X
b) Yes, bilateral cooperation	
c) Yes, regional and/or subregional cooperation	
d) Yes, multilateral cooperation	

**49. ?** Is your country using the ecosystem approach and precautionary and bio-geographical approaches as appropriate in its work on alien invasive species? (decision V/8)

a) No	X
b) Yes (please provide details below)	

Further comments on the use of the ecosystem approach and precautionary and bio-geographical approaches in work on alien invasive species.

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<b>50. Has your country identified national needs and priorities for the implementation of the Guiding Principles? (decision VI/23)</b>	
a) No	X
b) No, but needs and priorities are being identified	
c) Yes, national needs and priorities have been identified (please provide below a list of needs and priorities identified)	
Further comments on the identification of national needs and priorities for the implementation of the Guiding Principles.	

<b>51. Has your country created mechanisms to coordinate national programmes for applying the Guiding Principles? (decision VI/23)</b>	
a) No	X
b) No, but mechanisms are under development	
c) Yes, mechanisms are in place (please provide details below)	
Further comments on the mechanisms created to coordinate national programmes for implementing the Guiding Principles.	

<b>52. Has your country reviewed relevant policies, legislation and institutions in the light of the Guiding Principles, and adjusted or developed policies, legislation and institutions? (decision VI/23)</b>	
a) No	X
b) No, but review under way	
c) Yes, review completed and adjustment proposed (please provide details below)	
d) Yes, adjustment and development ongoing	
e) Yes, some adjustments and development completed (please provide details below)	
Further information on the review, adjustment or development of policies, legislation and institutions in light of the Guiding Principles.	

<b>53. Is your country enhancing cooperation between various sectors in order to improve prevention, early detection, eradication and/or control of invasive alien species? (decision VI/23)</b>	
a) No	X
b) No, but potential coordination mechanisms are under consideration	
c) Yes, mechanisms are in place (please provide details below)	
Further comments on cooperation between various sectors.	

<b>54. Is your country collaborating with trading partners and neighboring countries to address threats of invasive alien species to biodiversity in ecosystems that cross international boundaries? (decision VI/23)</b>	
a) No	X
b) Yes, relevant collaborative programmes are under development	
c) Yes, relevant programmes are in place (please specify below the measures taken for this purpose)	
Further comments on collaboration with trading partners and neighboring countries.	

<b>55. Is your country developing capacity to use risk assessment to address threats of invasive alien species to biodiversity and incorporate such methodologies in environmental impact assessment (EIA) and strategic environmental assessment (SEA)? (decision VI/23)</b>	
a) No	x
b) No, but programmes for this purpose are under development	
c) Yes, some activities for developing capacity in this field are being undertaken (please provide details below)	
d) Yes, comprehensive activities are being undertaken (please provide details below)	
Further information on capacity development to address threats of invasive alien species.	

<b>56.</b> Has your country developed financial measures and other policies and tools to promote activities to reduce the threats of invasive species? (decision VI/23)	
a) No	X
b) No, but relevant measures and policies are under development	
c) Yes, some measures, policies and tools are in place (please provide details below)	
d) Yes, comprehensive measures and tools are in place (please provide details below)	
Further comments on the development of financial measures and other policies and tools for the promotion of activities to reduce the threats of invasive species.	

**Box XLVI.**

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> <li>a) outcomes and impacts of actions taken;</li> <li>b) contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>c) contribution to progress towards the 2010 target;</li> <li>d) progress in implementing national biodiversity strategies and action plans;</li> <li>e) contribution to the achievement of the Millennium Development Goals;</li> <li>f) constraints encountered in implementation.</li> </ul>
<p>B&amp;H' s contribution in implementation of the Article 8 of the Convention is considered very low. Main reason is to be found in:</p> <ul style="list-style-type: none"> <li>• Public service disorganization</li> <li>• Lack of engagement of experts and I naucnih kadrova</li> <li>• Lack of public awareness through public actions</li> </ul>

## Article 8(j) - Traditional knowledge and related provisions

### GURTS

<b>57.</b> Has your country created and developed capacity-building programmes to involve and enable smallholder farmers, indigenous and local communities, and other relevant stakeholders to effectively participate in decision-making processes related to genetic use restriction technologies?	
a) No	x
b) No, but some programmes are under development	
c) Yes, some programmes are in place (please provide details below)	
d) Yes, comprehensive programmes are in place (please provide details below)	
Further comments on capacity-building programmes to involve and enable smallholder farmers, indigenous and local communities and other relevant stakeholders to effectively participate in decision-making processes related to GURTs.	

### Status and Trends

<b>58.</b> Has your country supported indigenous and local communities in undertaking field studies to determine the status, trends and threats related to the knowledge, innovations and practices of indigenous and local communities? (decision VII/16)	
a) No	x
b) No, but support to relevant studies is being considered	
c) Yes (please provide information on the studies undertaken)	
Further information on the studies undertaken to determine the status, trends and threats related to the knowledge, innovations and practices of indigenous and local communities, and priority actions identified.	

### Akwé:Kon Guidelines

<b>59.</b> Has your country initiated a legal and institutional review of matters related to cultural, environmental and social impact assessment, with a view to incorporating the Akwé:Kon Guidelines into national legislation, policies, and procedures?	
a) No	x
b) No, but review is under way	
c) Yes, a review undertaken (please provide details on the review)	
Further information on the review.	

**60.** Has your country used the Akwé:Kon Guidelines in any project proposed to take place on sacred sites and/or land and waters traditionally occupied by indigenous and local communities? (decision VII/16)

a) No	x
b) No, but a review of the Akwé: Kon guidelines is under way	
c) Yes, to some extent (please provide details below)	
d) Yes, to a significant extent (please provide details below)	
Further information on the projects where the Akwé:Kon Guidelines are applied.	

### Capacity Building and Participation of Indigenous and Local Communities

**61.** Has your country undertaken any measures to enhance and strengthen the capacity of indigenous and local communities to be effectively involved in decision-making related to the use of their traditional knowledge, innovations and practices relevant to the conservation and sustainable use of biodiversity? (decision V/16)

a) No	x
b) No, but some programmes being developed	
c) Yes, some measures taken (please provide details below)	
d) Yes, comprehensive measures taken (please provide details below)	
Further information on the measures to enhance and strengthen the capacity of indigenous and local communities.	

**62.** Has your country developed appropriate mechanisms, guidelines, legislation or other initiatives to foster and promote the effective participation of indigenous and local communities in decision making, policy planning and development and implementation of the conservation and sustainable use of biodiversity at international, regional, subregional, national and local levels? (decision V/16)

a) No	
b) No, but relevant mechanisms, guidelines and legislation are under development	x
c) Yes, some mechanisms, guidelines and legislation are in place (please provide details below)	
Further information on the mechanisms, guidelines and legislation developed.	
Development of action plan mechanisms has been carried out at the cantonal level. Cantonal action plan (KEAP) has been initiated in Sarajevo Canton. Biodiversity, natural and cultural heritage issue has been treated in the respective action plan, under which the assessment of the current state of biodiversity has been carried out, and measures for sustainable use of natural heritage have been defined as well. Both action plans (cantonal and local) being equally based on public accession into decision-making process.	



<b>63.</b> Has your country developed mechanisms for promoting the full and effective participation of indigenous and local communities with specific provisions for the full, active and effective participation of women in all elements of the programme of work? (decision V/16, annex)	
a) No	
b) No, but relevant mechanisms are being developed	x
c) Yes, mechanisms are in place (please provide details below)	
Further comments on the mechanisms for promoting the full and effective participation of women of indigenous and local communities in all elements of the programme of work.	
Effective and active participation of women being promoted through the scope of NGOs.	

### Support to implementation

<b>64.</b> Has your country established national, subregional and/or regional indigenous and local community biodiversity advisory committees?	
a) No	
b) No, but relevant work is under way	
c) Yes	x

<b>65.</b> Has your country assisted indigenous and local community organizations to hold regional meetings to discuss the outcomes of the decisions of the Conference of the Parties and to prepare for meetings under the Convention?	
a) No	x
b) Yes (please provide details about the outcome of meetings)	
Further information on the outcome of regional meetings.	

<b>66.</b> Has your country supported, financially and otherwise, indigenous and local communities in formulating their own community development and biodiversity conservation plans that will enable such communities to adopt a culturally appropriate strategic, integrated and phased approach to their development needs in line with community goals and objectives?	
a) No	
b) Yes, to some extent (please provide details below)	x
c) Yes, to a significant extent (please provide details below)	
Further information on the support provided.	
Feasibility study of the National park Una being financed by Federal ministry of physical planning and environment. The Study itself should include development, economic and social aspects as well as those of sustainable management and conservation of biodiversity.	

**Box XLVII.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Actions in relation to capacity building and involvement of indigenous and local communities have not been taken to the extent required. Mechanisms that provide involvement of and financial support to local and indigenous communities have not been adequately elaborated. Hence, the outcomes in implementation of the respective Articles of the Convention are not appropriate ones.

Impending actions to be taken in B&H refer to collection, conservation and use of traditional knowledge, capacity building and involvement of local and indigenous communities in implementation of the Convention.

### Article 9 - *Ex-situ* conservation

**67. ?** On Article 9(a) and (b), has your country adopted measures for the *ex-situ* conservation of components of biological diversity native to your country and originating outside your country?

a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures adopted for the *ex-situ* conservation of components of biodiversity native to your country and originating outside your country.

**68. ?** On Article 9(c), has your country adopted measures for the reintroduction of threatened species into their natural habitats under appropriate conditions?

a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further comments on the measures for the reintroduction of threatened species into their natural habitats under appropriate conditions.

<b>69. ?</b> On Article 9(d), has your country taken measures to regulate and manage the collection of biological resources from natural habitats for <i>ex-situ</i> conservation purposes so as not to threaten ecosystems and <i>in-situ</i> populations of species?	
a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further information on the measures to regulate and manage the collection of biological resources from natural habitats for <i>ex-situ</i> conservation purposes so as not to threaten ecosystems and <i>in-situ</i> populations of species.	

**Box XLVIII .**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:
<ul style="list-style-type: none"> <li>a) outcomes and impacts of actions taken;</li> <li>b) contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>c) contribution to progress towards the 2010 target;</li> <li>d) progress in implementing national biodiversity strategies and action plans;</li> <li>e) contribution to the achievement of the Millennium Development Goals;</li> <li>f) constraints encountered in implementation.</li> </ul>
Activities on ex situ conservation have been completely outdated in the post-war period in B&H, according to the economic situation of institutions responsible such as museums ( the National museum of Bosnia and Herzegovina famous for well developed activities in this field in the pre-war period)

**Article 10 - Sustainable use of components of biological diversity**

<b>70. ?</b> On Article 10(a), has your country integrated consideration of the conservation and sustainable use of biological resources into national decision-making?	
a) No	x
b) No, but steps are being taken	
c) Yes, in some relevant sectors (please provide details below)	
d) Yes, in most relevant sectors (please provide details below)	
Further information on integrating consideration of conservation and sustainable use of biological resources into national decision-making.	

**71. ?** On Article 10(b), has your country adopted measures relating to the use of biological resources that avoid or minimize adverse impacts on biological diversity?

a) No	
b) No, but potential measures are under review	x
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures adopted relating to the use of biological resources that avoid or minimize adverse impacts on biological diversity.

Law on nature protection of the FB&H is currently undergoing the preparation phase of secondary legislation in order to adopt adequate measures to minimize impacts on biodiversity by using biological resources.

**72. ?** On Article 10(c), has your country put in place measures that protect and encourage customary use of biological resources that is compatible with conservation or sustainable use requirements?

a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures that protect and encourage customary use of biological resources that is compatible with conservation or sustainable use requirements.

**73. ?** On Article 10(d), has your country put in place measures that help local populations develop and implement remedial action in degraded areas where biological diversity has been reduced?

a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures that help local populations develop and implement remedial action in degraded areas where biodiversity has been reduced.

<b>74. ?</b> Has your country identified indicators and incentive measures for sectors relevant to the conservation and sustainable use of biodiversity? (decision V/24)	
a) No	X
b) No, but assessment of potential indicators and incentive measures is under way	
c) Yes, indicators and incentive measures identified (please describe below)	
Further comments on the identification of indicators and incentive measures for sectors relevant to the conservation and sustainable use of biodiversity.	

<b>75. ?</b> Has your country implemented sustainable use practices, programmes and policies for the sustainable use of biological diversity, especially in pursuit of poverty alleviation? (decision V/24)	
a) No	X
b) No, but potential practices, programmes and policies are under review	
c) Yes, some policies and programmes are in place (please provide details below)	
d) Yes, comprehensive policies and programmes are in place (please provide details below)	
Further information on sustainable use programmes and policies.	

<b>76. ?</b> Has your country developed or explored mechanisms to involve the private sector in initiatives on the sustainable use of biodiversity? (decision V/24)	
a) No	X
b) No, but mechanisms are under development	
c) Yes, mechanisms are in place (please describe below)	
Further comments on the development of mechanisms to involve the private sector in initiatives on the sustainable use of biodiversity.	

<b>77. Has your country initiated a process to apply the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity? (decision VII/12)</b>	
a) No	X
b) No, but the principles and guidelines are under review	
c) Yes, a process is being planned	
d) Yes, a process has been initiated (please provide detailed information)	
Further information on the process to apply the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity.	

<b>78. Has your country taken any initiative or action to develop and transfer technologies and provide financial resources to assist in the application of the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity? (decision VII/12)</b>	
a) No	X
b) No, but relevant programmes are under development	
c) Yes, some technologies developed and transferred and limited financial resources provided (please provide details below)	
d) Yes, many technologies developed and transferred and significant financial resources provided (please provide details below)	
Further comments on the development and transfer of technologies and provision of financial resources to assist in the application of the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity.	

### **Biodiversity and Tourism**

<b>79. ? Has your country established mechanisms to assess, monitor and measure the impact of tourism on biodiversity?</b>	
a) No	X
b) No, but mechanisms are under development	
c) Yes, mechanisms are in place (please specify below)	
d) Yes, existing mechanisms are under review	
Further comments on the establishment of mechanisms to assess, monitor and measure the impact of tourism on biodiversity.	

**80. ?** Has your country provided educational and training programmes to the tourism operators so as to increase their awareness of the impacts of tourism on biodiversity and upgrade the technical capacity at the local level to minimize the impacts? (decision V/25)

a) No	X
b) No, but programmes are under development	
c) Yes, programmes are in place (please describe below)	
Further comments on educational and training programmes provided to tourism operators.	

**81.** Does your country provide indigenous and local communities with capacity-building and financial resources to support their participation in tourism policy-making, development planning, product development and management? (decision VII/14)

a) No	X
b) No, but relevant programmes are being considered	
c) Yes, some programmes are in place (please provide details below)	
d) Yes, comprehensive programmes are in place (please provide details below)	
Further comments in the capacity-building and financial resources provided to indigenous and local communities to support their participation in tourism policy-making, development planning, product development and management.	

**82.** Has your country integrated the Guidelines on Biodiversity and Tourism Development in the development or review of national strategies and plans for tourism development, national biodiversity strategies and actions plans, and other related sectoral strategies? (decision VII/14)

a) No, but the guidelines are under review	X
b) No, but a plan is under consideration to integrate some principles of the guidelines into relevant strategies	
c) Yes, a few principles of the guidelines are integrated into some sectoral plans and NBSAPs (please specify which principle and sector)	
d) Yes, many principles of the guidelines are integrated into some sectoral plans and NBSAPs (please specify which principle and sector)	
Further information on the sectors where the principles of the Guidelines on Biodiversity and Tourism Development are integrated.	

**Box XLIX.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Mechanisms for sustainable use of biodiversity have not been established in the post-war period in B&H. On the other hand, an intensive devastation of primary ecosystems has started aimed at short term benefit-sharing. The existing legislative framework proved to be inadequate and ineffective in relation to the respective issue, best illustrated in the field of unsustainable forestry. A great constraint in sustainable use of biodiversity represents the lack of ecosystem approach in management, caused by a low level of environmental education and awareness at the level of decision making.

### Article 11 - Incentive measures

**83. ?** Has your country established programmes to identify and adopt economically and socially sound measures that act as incentives for the conservation and sustainable use of components of biological diversity?

a) No	X
b) No, but relevant programmes are under development	
c) Yes, some programmes are in place (please provide details below)	
d) Yes, comprehensive programmes are in place (please provide details below)	

Further comments on the programmes to identify and adopt incentives for the conservation and sustainable use of biodiversity.

**84. ?** Has your country developed the mechanisms or approaches to ensure adequate incorporation of both market and non-market values of biological diversity into relevant plans, policies and programmes and other relevant areas? (decisions III/18 and IV/10)

a) No	X
b) No, but relevant mechanisms are under development	
c) Yes, mechanisms are in place (please provide details below)	
d) Yes, review of impact of mechanisms available (please provide details below)	

Further comments on the mechanism or approaches to incorporate market and non-market values of biodiversity into relevant plans, policies and programmes.



**85. ?** Has your country developed training and capacity-building programmes to implement incentive measures and promote private-sector initiatives? (decision III/18)

a) No	X
b) No, but relevant programmes are under development	
c) Yes, some programmes are in place	
d) Yes, many programmes are in place	

**86.** Does your country take into consideration the proposals for the design and implementation of incentive measures as contained in Annex I to decision VI/15 when designing and implementing incentive measures for the conservation and sustainable use of biodiversity? (decision VI/15)

a) No	X
b) Yes (please provide details below)	
Further information on the proposals considered when designing and implementing the incentive measures for the conservation and sustainable use of biodiversity.	

**87.** Has your country made any progress in removing or mitigating policies or practices that generate perverse incentives for the conservation and sustainable use of biological diversity? (decision VII/18)

a) No	X
b) No, but identification of such policies and practices is under way	
c) Yes, relevant policies and practices identified but not entirely removed or mitigated (please provide details below)	
d) Yes, relevant policies and practices identified and removed or mitigated (please provide details below)	
Further information on perverse incentives identified and/or removed or mitigated.	

**Box L.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

The same as provided in BOX XLIX.

### Article 12 - Research and training

**88. ?** On Article 12(a), has your country established programmes for scientific and technical education and training in measures for the identification, conservation and sustainable use of biological diversity and its components?

a) No	X
b) No, but programmes are under development	
c) Yes, programmes are in place (please provide details below)	

Further information on the programmes for scientific and technical education and training in the measures for identification, conservation and sustainable use of biodiversity.

**89. ?** On Article 12(b), does your country promote and encourage research which contributes to the conservation and sustainable use of biological diversity?

a) No	
b) Yes (please provide details below)	X

Further information on the research which contributes to the conservation and sustainable use of biodiversity.

The state of B&H through its Ministry of science and education provides support in biodiversity researches in certain fields aiming at promotion of scientific advances

**90. ?** On Article 12(c), does your country promote and cooperate in the use of scientific advances in biological diversity research in developing methods for conservation and sustainable use of biological resources?

a) No	
b) Yes (please provide details below)	X
Further information on the use of scientific advances in biodiversity research in developing methods for conservation and sustainable use of biodiversity.	
Project implementation with international partners in B&H contributes to:	
<ul style="list-style-type: none"> <li>- Development of databases using GIS software,</li> <li>- Introduction and application of new methods for establishment of a ecological network</li> <li>- Introduction of new technologies in genetic researches</li> </ul>	

**Box LI.**

Please elaborate below on the implementation of this article specifically focusing on:
<ul style="list-style-type: none"> <li>a) outcomes and impacts of actions taken;</li> <li>b) contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>c) contribution to progress towards the 2010 target;</li> <li>d) progress in implementing national biodiversity strategies and action plans;</li> <li>e) contribution to the achievement of the Millennium Development Goals;</li> <li>f) constraints encountered in implementation.</li> </ul>
B&H has a long tradition in research of biodiversity at all levels, thus educated and trained staff is capable to take over the research and consultancy function in projects on biodiversity. Anyway, B&H contribution concerning this issue is still low, due to the lack of financial support for research and inventory projects.

**Article 13 - Public education and awareness**

**91.** Is your country implementing a communication, education and public awareness strategy and promoting public participation in support of the Convention? (Goal 4.1 of the Strategic Plan)

a) No	x
b) No, but a CEPA strategy is under development	
c) Yes, a CEPA strategy developed and public participation promoted to a limited extent (please provide details below)	
d) Yes, a CEPA strategy developed and public participation promoted to a significant extent (please provide details below)	
Further comments on the implementation of a CEPA strategy and the promotion of public participation in support of the Convention.	

<b>92.</b> Is your country undertaking any activities to facilitate the implementation of the programme of work on Communication, Education and Public Awareness as contained in the annex to decision VI/19? (decision VI/19)	
a) No	
b) No, but some programmes are under development	x
c) Yes, some activities are being undertaken (please provide details below)	
d) Yes, many activities are being undertaken (please provide details below)	
Further comments on the activities to facilitate the implementation of the programme of work on CEPA.	
There are not any activities to facilitate the implementation of the programme of work at the state level. However, there are some results achieved by individual educational centers such as Centre for ecology and natural resources, an organizer of numerous of public discussions and presentations and a great number of NGOs in Bihac, Konjic, Mostar etc.	

<b>93.</b> Is your country strongly and effectively promoting biodiversity-related issues through the press, the various media and public relations and communications networks at national level? (decision VI/19)	
a) No	
b) No, but some programmes are under development	
c) Yes, to a limited extent (please provide details below)	x
d) Yes, to a significant extent (please provide details below)	
Further comments on the promotion of biodiversity-related issues through the press, the various media and public relations and communications networks at national level.	
Recently, B&H public has a chance to meet BH plant biodiversity by television media. There are magazines with regularly published information on biodiversity in B&H, and other topics that are focused on increase of public awareness and education. However, these activities are not a result of a programme of work of B&H related to promotion of its values.	

<b>94.</b> Does your country promote the communication, education and public awareness of biodiversity at the local level? (decision VI/19)	
a) No	x
b) Yes (please provide details below)	
Further information on the efforts to promote the communication, education and public awareness of biodiversity at the local level.	

<b>95. Is your country supporting national, regional and international activities prioritized by the Global Initiative on Education and Public Awareness? (decision VI/19)</b>	
a) No	x
b) No, but some programmes are under development	
c) Yes, some activities supported (please provide details below)	
d) Yes, many activities supported (please provide details below)	
Further comments on the support of national, regional and international activities prioritized by the Global Initiative on Education and Public Awareness.	

<b>96. Has your country developed adequate capacity to deliver initiatives on communication, education and public awareness?</b>	
a) No	x
b) No, but some programmes are under development	
c) Yes, some programmes are being implemented (please provide details below)	
d) Yes, comprehensive programmes are being implemented (please provide details below)	
Further comments on the development of adequate capacity to deliver initiatives on communication, education and public awareness.	

<b>97. Does your country promote cooperation and exchange programmes for biodiversity education and awareness at the national, regional and international levels? (decisions IV /10 and VI/19)</b>	
a) No	x
b) Yes (please provide details below)	
Further comments on the promotion of cooperation and exchange programmes for biodiversity education and awareness, at the national, regional and international levels.	

<b>98.</b> Is your country undertaking some CEPA activities for implementation of cross-cutting issues and thematic programmes of work adopted under the Convention?	
a) No (please specify reasons below)	x
b) Yes, some activities undertaken for some issues and thematic areas (please provide details below)	
c) Yes, many activities undertaken for most issues and thematic areas (please provide details below)	
d) Yes, comprehensive activities undertaken for all issues and thematic areas (please provide details below)	
Further comments on the CEPA activities for implementation of cross-cutting issues and thematic programmes of work adopted under the Convention.	
In 2002 B&H signed and ratified the Convention on biodiversity. Many activities required are left out due to weak financial support, lack of the staff for implementation, inadequate environmental education of bodies responsible and disorganization.	

<b>99.</b> <b>?</b> Does your country support initiatives by major groups, key actors and stakeholders that integrate biological diversity conservation matters in their practice and education programmes as well as into their relevant sectoral and cross-sectoral plans, programmes and policies? (decision IV/10 and Goal 4.4 of the Strategic Plan)	
a) No	x
b) Yes (please provide details below)	
Further comments on the initiatives by major groups, key actors and stakeholders that integrate biodiversity conservation in their practice and education programmes as well as their relevant sectoral and cross-sectoral plans, programmes and policies.	

<b>100.</b> Is your country communicating the various elements of the 2010 biodiversity target and establishing appropriate linkages to the Decade on Education for Sustainable Development in the implementation of your national CEPA programmes and activities? (decision VII/24)	
a) No	x
b) No, but some programmes are under development	
c) Yes, some programmes developed and activities undertaken for this purpose (please provide details below)	
d) Yes, comprehensive programmes developed and many activities undertaken for this purpose (please provide details below)	
Further comments on the communication of the various elements of the 2010 biodiversity target and the establishment of linkages to the Decade on Education for Sustainable Development.	

**Box LII .**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Development of public awareness and communication is not corresponding to the problem identification extent. Besides a great number of individual actions and projects focused on increase of public awareness, there is still a lack of permanent mechanism for maintenance and finance of the respective activities. Consequently, B&H contribution to progress towards the 2010 target, to the achievement of the goals of the Strategic plan of the Convention and to the achievement of the Millenium Development Goals is rather low.

### Article 14 - Impact assessment and minimizing adverse impacts

**101. ?** On Article 14.1(a), has your country developed legislation requiring an environmental impact assessment of proposed projects likely to have adverse effects on biological diversity?

a) No	
b) No, legislation is still in early stages of development	
c) No, but legislation is in advanced stages of development	
d) Yes, legislation is in place (please provide details below)	x
e) Yes, review of implementation available (please provide details below)	

Further information on the legislation requiring EIA of proposed projects likely to have adverse effects on biodiversity.

Within the Law on environmental protection in entities, a Rulebook on environmental impact assessment has been adopted.

**102. ?** On Article 14.1(b), has your country developed mechanisms to ensure that due consideration is given to the environmental consequences of national programmes and policies that are likely to have significant adverse impacts on biological diversity?

a) No	x
b) No, mechanisms are still in early stages of development	
c) No, but mechanisms are in advanced stages of development	
d) Yes, mechanisms are in place (please provide details below)	

Further comments on the mechanisms developed to ensure that due consideration is given to the environmental consequences of national programmes and policies that are likely to have significant adverse impacts on biodiversity.

**103. ?** On Article 14.1(c), is your country implementing bilateral, regional and/or multilateral agreements on activities likely to significantly affect biological diversity outside your country's jurisdiction?

a) No	x
b) No, but assessment of options is in progress	
c) Yes, some completed, others in progress (please provide details below)	
d) Yes (please provide details below)	

Further information on the bilateral, regional and/or multilateral agreements on activities likely to significantly affect biodiversity outside your country's jurisdiction.

**104. ?** On Article 14.1(d), has your country put mechanisms in place to prevent or minimize danger or damage originating in your territory to biological diversity in the territory of other Parties or in areas beyond the limits of national jurisdiction?

a) No	x
b) No, mechanisms are still in early stages of development	
c) No, but mechanisms are in advanced stages of development	
d) Yes, mechanisms are in place based on current scientific knowledge	

**105. ?** On Article 14.1(e), has your country established national mechanisms for emergency response to activities or events which present a grave and imminent danger to biological diversity?

a) No	x
b) No, mechanisms are still in early stages of development	
c) No, but mechanisms are in advanced stages of development	
d) Yes, mechanisms are in place (please provide details below)	

Further information on national mechanisms for emergency response to the activities or events which present a grave and imminent danger to biodiversity.



**106.** Is your country applying the Guidelines for Incorporating Biodiversity-related Issues into Environment-Impact-Assessment Legislation or Processes and in Strategic Impact Assessment as contained in the annex to decision VI/7 in the context of the implementation of paragraph 1 of Article 14? (decision VI/7)

a) No	x
b) No, but application of the guidelines under consideration	
c) Yes, some aspects being applied (please specify below)	
d) Yes, major aspects being applied (please specify below)	
Further comments on application of the guidelines.	

**107.** On Article 14 (2), has your country put in place national legislative, administrative or policy measures regarding liability and redress for damage to biological diversity? (decision VI/11)

a) No	x
b) Yes (please specify the measures)	
Further comments on national legislative, administrative or policy measures regarding liability and redress for damage to biological diversity.	

**108.** Has your country put in place any measures to prevent damage to biological diversity?

a) No	
b) No, but some measures are being developed	
c) Yes, some measures are in place (please provide details below)	x
d) Yes, comprehensive measures are in place (please provide details below)	
Further information on the measures in place to prevent damage to biological diversity.	
<p>In the post war period B&amp;H has adopted a set of environmental laws, including both entities and Brcko District. The respective set defines a range of measures that would prevent damage to biodiversity and habitats. One of the measures implemented relates to the establishment of new protected areas in B&amp;H.</p>	

**109.** Is your country cooperating with other Parties to strengthen capacities at the national level for the prevention of damage to biodiversity, establishment and implementation of national legislative regimes, policy and administrative measures on liability and redress? (decision VI/11)

a) No	
b) No, but cooperation is under consideration	
c) No, but cooperative programmes are under development	x
d) Yes, some cooperative activities being undertaken (please provide details below)	
e) Yes, comprehensive cooperative activities being undertaken (please provide details below)	

Further comments on cooperation with other Parties to strengthen capacities for the prevention of damage to biodiversity.

B&H is being involved into several regional projects on integrated management of bordering areas. This refers to the Sava River area, where an establishment of ecological network between Croatia, B&H, Serbia and Montenegro is taking place. The implementation of the mentioned programmes contributes strengthening of national capacity, which will be involved into preparation process of legislative and administrative measures.

**Box LIII.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Up to this period of state' s existence no significant results have been achieved concerning the reduction of impacts on biodiversity. Currently, there is much pressure upon biodiversity caused by economy transition, unstable economic situation and social status change of population. Nevertheless, a new set of environmental laws provides potentials for establishment of environmental impact assessment mechanisms. The process for obtaining a environmental permit will be obligatory for all economic subjects of the Federation of B&H by 2008, resulting in establishment of a mechanism for reduction of impact on biodiversity.

Thus, a great contribution is being expected regarding this issue.

## Article 15 - Access to genetic resources

<b>110. ?</b> Has your country endeavored to facilitate access to genetic resources for environmentally sound uses by other Parties, on the basis of prior informed consent and mutually agreed terms, in accordance with paragraphs 2, 4 and 5 of Article 15?	
a) No	x
b) Yes (please provide details below)	
Further information on the efforts taken by your country to facilitate access to genetic resources for environmentally sound uses by other Parties, on the basis of prior informed consent and mutually agreed terms.	

<b>111. ?</b> Has your country taken measures to ensure that any scientific research based on genetic resources provided by other Parties is developed and carried out with the full participation of such Parties, in accordance with Article 15(6)?	
a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further information on the measures to ensure that any scientific research based on genetic resources provided by other Contracting Parties is developed and carried out with the full participation of such Contracting Parties.	

<b>112. ?</b> Has your country taken measures to ensure the fair and equitable sharing of the results of research and development and of the benefits arising from the commercial and other use of genetic resources with any Contracting Party providing such resources, in accordance with Article 15(7)?	
a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive legislation is in place (please provide details below)	
e) Yes, comprehensive statutory policy or subsidiary legislation are in place (please provide details below)	
f) Yes, comprehensive policy and administrative measures are in place (please provide details below)	
Further information on the type of measures taken.	

**113. ?** In developing national measures to address access to genetic resources and benefit-sharing, has your country taken into account the multilateral system of access and benefit-sharing set out in the International Treaty on Plant Genetic Resources for Food and Agriculture?

a) No	x
b) Yes (please provide details below)	
Further information on national measures taken which consider the multilateral system of access and benefit-sharing as set out in the International Treaty on Plant Genetic Resources for Food and Agriculture.	

**114.** Is your country using the Bonn Guidelines when developing and drafting legislative, administrative or policy measures on access and benefit-sharing and/or when negotiating contracts and other arrangements under mutually agreed terms for access and benefit-sharing? (decision VII/19A)

a) No	x
b) No, but steps being taken to do so (please provide details below)	
c) Yes (please provide details below)	
Please provide details and specify successes and constraints in the implementation of the Bonn Guidelines.	

**115.** Has your country adopted national policies or measures, including legislation, which address the role of intellectual property rights in access and benefit-sharing arrangements (i.e. the issue of disclosure of origin/source/legal provenance of genetic resources in applications for intellectual property rights where the subject matter of the application concerns, or makes use of, genetic resources in its development)?

a) No	x
b) No, but potential policies or measures have been identified (please specify below)	
c) No, but relevant policies or measures are under development (please specify below)	
d) Yes, some policies or measures are in place (please specify below)	
e) Yes, comprehensive policies or measures adopted (please specify below)	
Further information on policies or measures that address the role of IPR in access and benefit-sharing arrangements.	

**116.** Has your country been involved in capacity-building activities related to access and benefit-sharing?

a) Yes (please provide details below)

b) No

x

Please provide further information on capacity-building activities (your involvement as donor or recipient, key actors involved, target audience, time period, goals and objectives of the capacity-building activities, main capacity-building areas covered, nature of activities). Please also specify whether these activities took into account the Action Plan on capacity-building for access and benefit-sharing adopted at COP VII and available in annex to decision VII/19F.

**Box LIV.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Bosnia and Herzegovina has not undertaken actions aimed at mechanism development in implementation of this Article of the Convention.

**Article 16 - Access to and transfer of technology**

**117. ?** On Article 16(1), has your country taken measures to provide or facilitate access for and transfer to other Parties of technologies that are relevant to the conservation and sustainable use of biological diversity or make use of genetic resources and do not cause significant damage to the environment?

a) No

b) No, but potential measures are under review

c) Yes, some measures are in place (please provide details below)

d) Yes, comprehensive measures are in place (please provide details below)

x

Further information on the measures to provide or facilitate access for and transfer to other Parties of technologies that are relevant to the conservation and sustainable use of biodiversity or make use of genetic resources and do not cause significant damage to the environment.

**118. ?** On Article 16(3), has your country taken measures so that Parties which provide genetic resources are provided access to and transfer of technology which make use of those resources, on mutually agreed terms?

a) No	
b) No, but potential measures are under review	
c) Yes, some measures are in place	
d) Yes, comprehensive legislation is in place	
e) Yes, comprehensive statutory policy or subsidiary legislation are in place	
f) Yes, comprehensive policy and administrative arrangements are in place	
g) Not applicable	x

**119. ?** On Article 16(4), has your country taken measures so that the private sector facilitates access to joint development and transfer of relevant technology for the benefit of Government institutions and the private sector of developing countries?

a) No	
b) No, but potential measures are under review	
c) Yes, some policies and measures are in place (please provide details below)	
d) Yes, comprehensive policies and measures are in place (please provide details below)	
e) Not applicable	x

Further information on the measures taken.

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**Box LV.**

Please elaborate below on the implementation of this article specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

The same as provided in Box LIV

### Programme of Work on transfer of technology and technology cooperation

<b>120.</b> Has your country provided financial and technical support and training to assist in the implementation of the programme of work on transfer of technology and technology cooperation? (decision VII/29)	
a) No	x
b) No, but relevant programmes are under development	
c) Yes, some programmes being implemented (please provide details below)	
d) Yes, comprehensive programmes being implemented (please provide details below)	
Further comments on the provision of financial and technical support and training to assist in the implementation of the programme of work on transfer of technology and technology cooperation.	

<b>121.</b> Is your country taking any measures to remove unnecessary impediments to funding of multi-country initiatives for technology transfer and for scientific and technical cooperation? (decision VII/29)	
a) No	
b) No, but some measures being considered	x
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further comments on the measures to remove unnecessary impediments to funding of multi-country initiatives for technology transfer and for scientific and technical cooperation.	
B&H is currently undergoing the initial stage in accessing the international and development of national "Clearing house mechanism". Development of mechanism for scientific cooperation, technical and technological information exchange based on the assessment of the actual state represents one of the key priorities for the further progress of the state itself.	

<b>122.</b> Has your country made any technology assessments addressing technology needs, opportunities and barriers in relevant sectors as well as related needs in capacity building? (annex to decision VII/29)	
a) No	x
b) No, but assessments are under way	
c) Yes, basic assessments undertaken (please provide details below)	
d) Yes, thorough assessments undertaken (please provide details below)	
Further comments on technology assessments addressing technology needs, opportunities and barriers in relevant sectors as well as related needs in capacity building.	

<b>123.</b> Has your country made any assessments and risk analysis of the potential benefits, risks and associated costs with the introduction of new technologies? (annex to decision VII/29)	
a) No	x
b) No, but assessments are under way	
c) Yes, some assessments undertaken (please provide details below)	
d) Yes, comprehensive assessments undertaken (please provide details below)	
Further comments on the assessments and risk analysis of the potential benefits, risks and associated costs with the introduction of new technologies.	

<b>124.</b> Has your country identified and implemented any measures to develop or strengthen appropriate information systems for technology transfer and cooperation, including assessing capacity building needs? (annex to decision VII/29)	
a) No	
b) No, but some programmes are under development	x
c) Yes, some programmes are in place and being implemented (please provide details below)	
d) Yes, comprehensive programmes are being implemented (please provide details below)	
Further comments on measures to develop or strengthen appropriate information systems for technology transfer and cooperation.	
<p>In accordance to the Rulebook on establishment and management of information system for nature protection and monitoring, which is a by-law to a Law on nature protection of FB&amp;H , an information system will be established within the environmental sector at the Ministry of physical planning and environment, collecting and storing relevant information.</p> <p>However, there is still a lack of measure identification required for technology transfer and cooperation.</p>	

<b>125.</b> Has your country taken any of the measures specified under Target 3.2 of the programme of work as a preparatory phase to the development and implementation of national institutional, administrative, legislative and policy frameworks to facilitate cooperation as well as access to and adaptation of technologies of relevance to the Convention? (annex to decision VII/29)	
a) No	x
b) No, but a few measures being considered	
c) Yes, some measures taken (please specify below)	
d) Yes, many measures taken (please specify below)	
Further comments on the measures taken as a preparatory phase to the development and implementation of national institutional, administrative, legislative and policy frameworks to facilitate cooperation as well as access to and adaptation of technologies of relevance to the Convention.	



**Box LVI.**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Adequate measures for technology transfer, cooperation and introduction of new technologies aimed at implementation of the Convention have not been taken yet. National Clearing House mechanisms are not established, while information technology is being introduced through by-laws. Although, the progress is more evident, in comparison with the implementation of other articles of the Convention.

### Article 17 - Exchange of information

**126. ?** On Article 17(1), has your country taken measures to facilitate the exchange of information from publicly available sources with a view to assist with the implementation of the Convention and promote technical and scientific cooperation?

a) No	
b) No, but potential measures are under review	
c) Yes, some measures are in place	X
d) Yes, comprehensive measures are in place	

***The following question (127) is for DEVELOPED COUNTRIES***

**127. ?** On Article 17(1), do these measures take into account the special needs of developing countries and include the categories of information listed in Article 17(2), such as technical, scientific and socio-economic research, training and surveying programmes, specialized knowledge, repatriation of information and so on?

a) No	
b) Yes, but they do not include the categories of information listed in Article 17(2), such as technical, scientific and socio-economic research, training and surveying programmes, specialized knowledge, repatriation of information and so on	
c) Yes, and they include categories of information listed in Article 17 (2), such as technical, scientific and socio-economic research, training and surveying programmes, specialized knowledge, repatriation of information and so on	

**Box LVII .**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

B&H has achieved a great progress in information exchange in comparison with the pre war period. Although the contribution in implementation of this Article is not considered very high, a great progress is noticeable in the country itself, due to a number of several programmes. The fact is that the said projects have not been realized due to implementation of the Convention, but generally they contribute to the implementation of this article.

### Article 18 - Technical and scientific cooperation

**128. ?** On Article 18(1), has your country taken measures to promote international technical and scientific cooperation in the field of conservation and sustainable use of biological diversity?

a) No	
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	x
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures to promote international technical and scientific cooperation.

B&H is oriented towards international technical and scientific cooperation for conservation and sustainable use of biodiversity. This has been demonstrated through numerous of initiatives to involve national scientific institutions into a great number of international projects of the respective area (establishment of a network, designation of new protected areas with participation of international experts etc.) However, concrete measures in promotion of cooperation have not been defined at the state level.

**129. ?** On Article 18(4), has your country encouraged and developed methods of cooperation for the development and use of technologies, including indigenous and traditional technologies, in pursuance of the objectives of this Convention?

a) No	x
b) No, but relevant methods are under development	
c) Yes, methods are in place	

<b>130. ?</b> On Article 18(5), has your country promoted the establishment of joint research programmes and joint ventures for the development of technologies relevant to the objectives of the Convention?	
a) No	x
b) Yes (please provide some examples below)	
Examples for the establishment of joint research programmes and joint ventures for the development of technologies relevant to the objectives of the Convention.	

<b>131.</b> Has your country established links to non-governmental organizations, private sector and other institutions holding important databases or undertaking significant work on biological diversity through the CHM? (decision V/14)	
a) No	
b) No, but coordination with relevant NGOs, private sector and other institutions under way	x
c) Yes, links established with relevant NGOs, private sector and institutions	

***The following question (132) is for DEVELOPED COUNTRIES***

<b>132.</b> Has your country further developed the CHM to assist developing countries and countries with economies in transition to gain access to information in the field of scientific and technical cooperation? (decision V/14)	
a) No	
b) Yes, by using funding opportunities	
c) Yes, by means of access to, and transfer of technology	
d) Yes, by using research cooperation facilities	
e) Yes, by using repatriation of information	
f) Yes, by using training opportunities	
g) Yes, by using promotion of contacts with relevant institutions, organizations and the private sector	
h) Yes, by using other means (please specify below)	
Further comments on CHM developments to assist developing countries and countries with economies in transition to gain access to information in the field of scientific and technical cooperation.	

<b>133.</b> Has your country used CHM to make information available more useful for researchers and decision-makers? (decision V/14)	
a) No	
b) No, but relevant initiatives under consideration	x
c) Yes (please provide details below)	
Further comments on development of relevant initiatives.	
B&H is currently undergoing initial phase of establishing a "clearing house mechanism"	

<b>134.</b> Has your country developed, provided and shared services and tools to enhance and facilitate the implementation of the CHM and further improve synergies among biodiversity-related Conventions? (decision V/14)	
a) No	x
b) Yes (please specify services and tools below)	
Further comments on services and tools to enhance and facilitate the implementation of CHM and further improve synergies among biodiversity-related Conventions.	

**Box LVIII.**

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> <li>a) outcomes and impacts of actions taken;</li> <li>b) contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>c) contribution to progress towards the 2010 target;</li> <li>d) progress in implementing national biodiversity strategies and action plans;</li> <li>e) contribution to the achievement of the Millennium Development Goals;</li> <li>f) constraints encountered in implementation.</li> </ul>
<p>B&amp;H is facing a problem of a weak information flow and work fragmentation of certain fields. Given that national Clearing House mechanism have not been established yet, one might conclude that contribution in implementation of this Article is very low. Causes of such problems are that scientific and technologic information exchange does not meet appropriate requirements or lack of support to scientific-research projects, disorganization in collection, use and exchange of information.</p>

## Article 19 - Handling of biotechnology and distribution of its benefits

**135. ?** On Article 19(1), has your country taken measures to provide for the effective participation in biotechnological research activities by those Contracting Parties which provide the genetic resources for such research?

a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place	
d) Yes, comprehensive legislation are in place	
e) Yes, comprehensive statutory policy and subsidiary legislation are in place	
f) Yes, comprehensive policy and administrative measures are in place	

**136. ?** On Article 19(2), has your country taken all practicable measures to promote and advance priority access by Parties, on a fair and equitable basis, to the results and benefits arising from biotechnologies based upon genetic resources provided by those Parties?

a) No	x
b) No, but potential measures are under review	
c) Yes, some measures are in place	
d) Yes, comprehensive measures are in place	

### Box LIX.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Biotechnology field has not been developed to the extent required, hence it is not possible to discuss distribution of its benefits.

## Article 20 – Financial resources

### Box LX.

Please describe for each of the following items the quantity of financial resources, both internal and external, that have been utilized, received or provided, as applicable, to implement the Convention on Biological Diversity, on an annual basis, since your country became a Party to the Convention.	
a) Budgetary allocations by national and local Governments as well as different sectoral ministries	30.000 KM (Budget of Government of Federation BiH)
b) Extra-budgetary resources (identified by donor agencies)	
c) Bilateral channels (identified by donor agencies)	
d) Regional channels (identified by donor agencies)	
e) Multilateral channels (identified by donor agencies)	
f) Private sources (identified by donor agencies)	
g) Resources generated through financial instruments, such as charges for use of biodiversity	

### Box LXI.

Please describe in detail below any major financing programmes, such as biodiversity trust funds or specific programmes that have been established in your country.
<p>GEF project : "Integrated ecosystem management of basins Neretva and Trebsnjica is considered a regional project intended for B&amp;H and Croatia. A global environmental aim is to reduce water pollution and to improve biodiversity conservation of the basin of Neretva river applying a comprehensive approach in management of international basins.</p> <p>A joint project of WB and of Italian Government "Forest development and conservation programme". Project aim is to provide support in implementing agreed reforms in relation to the forest organization and management, whose outcomes will contribute to an increased profit from forest resources, improvement of forest management and biodiversity conservation through a participatory approach when planning the use of forest land.</p> <p>Project : "Biodiversity conservation in u B&amp;H" is an aid provided by WB in preparation of GEF project aimed at extension and improvement of protected areas in B&amp;H.</p> <p>Project of Dutch Government: "Integrated management of Sava River basin" , regional project whose participatory countries are B&amp;H, Serbia and Montenegro, Croatia and Slovenia. Project aim is to establish a ecological network of protected areas as a part of integrated management.</p> <p>EC project: "Establishment of Emerald network in B&amp;H". The aim is to establish a network of protected</p>

areas in different bio-geographic regions of B&H.

**137. ?** On Article 20(1), has your country provided financial support and incentives to those national activities that are intended to achieve the objectives of the Convention?

a) No	
b) Yes, incentives only (please provide a list of such incentives below)	x
c) Yes, financial support only	
d) Yes, financial support and incentives (please provide details below)	

Further comments on financial support and incentives provided.

***The next question (138) is for DEVELOPED COUNTRIES***

**138. ?** On Article 20(2), has your country provided new and additional financial resources to enable developing country Parties to meet the agreed incremental costs to them of implementing measures which fulfill the obligations of the Convention?

a) No	
b) Yes (please indicate the amount, on an annual basis, of new and additional financial resources your country has provided)	

Further comments on new and additional financial resources provided.

***The next question (139) is for DEVELOPING COUNTRIES OR COUNTRIES WITH ECONOMIES IN TRANSITION***

**139. ?** On Article 20(2), has your country received new and additional financial resources to enable it to meet the agreed full incremental costs of implementing measures which fulfill the obligations of the Convention?

a) No	x
b) Yes	

<b>140. ?</b> Has your country established a process to monitor financial support to biodiversity, including support provided by the private sector? (decision V/11)	
a) No	
b) No, but procedures being established	x
c) Yes (please provide details below)	
Further comments on processes to monitor financial support to biodiversity, including support provided by the private sector.	

<b>141. ?</b> Has your country considered any measures like tax exemptions in national taxation systems to encourage financial support to biodiversity? (decision V/11)	
a) No	
b) No, but exemptions are under development (please provide details below)	x
c) Yes, exemptions are in place (please provide details below)	
Further comments on tax exemptions for biodiversity-related donations.	
Law on environmental protection fund of the FB&H envisages tax exemptions for legal subjects/entities whose initial is biodiversity protection investment.	

<b>142.</b> Has your country reviewed national budgets and monetary policies, including the effectiveness of official development assistance allocated to biodiversity, with particular attention paid to positive incentives and their performance as well as perverse incentives and ways and means for their removal or mitigation? (decision VI/16)	
a) No	X
b) No, but review is under way	
c) Yes (please provide results of review below)	
Further comments on review of national budgets and monetary policies, including the effectiveness of official development assistance.	



**143.** Is your country taking concrete actions to review and further integrate biodiversity considerations in the development and implementation of major international development initiatives, as well as in national sustainable development plans and relevant sectoral policies and plans? (decisions VI/16 and VII/21)

a) No	
b) No, but review is under way	
c) Yes, in some initiatives and plans (please provide details below)	X
d) Yes, in major initiatives and plans (please provide details below)	

Further comments on review and integration of biodiversity considerations in relevant initiatives, policies and plans.

Over 40% of the territory of B&H is covered by forest. Issues on forest biodiversity and sustainable use of forest resources in B&H have been integrated into strategic document (Development strategy).

**144.** Is your country enhancing the integration of biological diversity into the sectoral development and assistance programmes? (decision VII/21)

a) No	
b) No, but relevant programmes are under development	
c) Yes, into some sectoral development and assistance programmes (please provide details below)	X
d) Yes, into major sectoral development and assistance programmes (please provide details below)	

Further comments on the integration of biodiversity into sectoral development and assistance programmes

As previously mentioned, biodiversity issue has been integrated into forest sector in B&H. Also, necessary to mention that biodiversity issues have not been integrated into any other development programmes such as: water quality management, air quality management, tourism, traffic, industry, agriculture etc.

**The next question (145) is for DEVELOPED COUNTRIES**

**145.** Please indicate with an "X" in the table below in which area your country has provided financial support to developing countries and/or countries with economies in transition. Please elaborate in the space below if necessary.

A r e a s	Support provided
a) Undertaking national or regional assessments within the framework of MEA (decision VI/8)	
b) <i>In-situ</i> conservation (decision V/16)	
c) Enhance national capacity to establish and maintain the mechanisms to protect traditional knowledge (decision VI/10)	
d) <i>Ex-situ</i> conservation (decision V/26)	
e) Implementation of the Global Strategy for Plant Conservation (decision VI/9)	

f) Implementation of the Bonn Guidelines (decision VI/24)	
g) Implementation of programme of work on agricultural biodiversity (decision V/5)	
h) Preparation of first report on the State of World's Animal Genetic Resources (decision VI/17)	
i) Support to work of existing regional coordination mechanisms and development of regional and sub regional networks or processes (decision VI/27)	
j) Development of partnerships and other means to provide the necessary support for the implementation of the programme of work on dry and subhumid lands biological diversity (decision VII/2)	
k) Financial support for the operations of the Coordination Mechanism of the Global Taxonomy Initiative (decision VII/9)	
l) Support to the implementation of the Action Plan on Capacity Building as contained in the annex to decision VII/19 (decision VII/19)	
m) Support to the implementation of the programme of work on mountain biological diversity (decision VII/27)	
n) Support to the implementation of the programme of work on protected areas (decision VII/28)	
o) Support to the development of national indicators (decision VII/30)	
p) Others (please specify)	
Further information on financial support provided to developing countries and countries with economies in transition.	

**The next question (146) is for DEVELOPING COUNTRIES OR COUNTRIES WITH ECONOMIES IN TRANSITION**

**146.** Please indicate with an "X" in the table below in which areas your country has applied for funds from the Global Environment Facility (GEF), from developed countries and/or from other sources. The same area may have more than one source of financial support. Please elaborate in the space below if necessary.

Areas	Applied for funds from		
	GEF	Bilateral	Other
a) Preparation of national biodiversity strategies or action plans	X		
b) National capacity self-assessment for implementation of Convention (decision VI/27)			
c) Priority actions to implement the Global Taxonomy Initiative (decision V/9)			

d) <i>In-situ</i> conservation (decision V/16)			
e) Development of national strategies or action plans to deal with alien species (decision VI/23)			
f) <i>Ex-situ</i> conservation, establishment and maintenance of <i>Ex-situ</i> conservation facilities (decision V/26)			
g) Projects that promote measures for implementing Article 13 (Education and Public Awareness) (decision VI/19)			
h) Preparation of national reports (decisions III/9, V/19 and VI/25)	X		
i) Projects for conservation and sustainable use of inland water biological diversity (decision IV/4)			
j) Activities for conservation and sustainable use of agricultural biological diversity (decision V/5)			
k) Implementation of the Cartagena Protocol on Biosafety (decision VI/26)			
l) Implementation of the Global Taxonomy Initiative			
m) Implementation of the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity			
n) Others (please specify)			
Further information on application for financial support.			

**Box LXII .**

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

B&H has not achieved much success in relation to the development of financial mechanisms due to the current economic situation and disorganization and inefficiency of the administration. Hence, there are no mechanisms developed for preparation, realization and participation in projects financed by international funds. On the other hand a small number of opportunities used for the purpose of implementation of the articles of the Convention concerning financial mechanism development.

## D. THEMATIC AREAS

<b>147.</b> Please use the scale indicated below to reflect the level of challenges faced by your country in implementing the thematic programmes of work of the Convention (marine and coastal biodiversity, agricultural biodiversity, forest biodiversity, inland waters biodiversity, dry and sub-humid lands and mountain biodiversity).	
3 = High Challenge	1 = Low Challenge
2 = Medium Challenge	0 = Challenge has been successfully overcome
N/A = Not applicable	

Challenges	Programme of Work					
	Agricultural	Forest	Marine and coastal	Inland water ecosystem	Dry and subhumid lands	Mountain
(a) Lack of political will and support	n/a	3	n/a	2	n/a	2
(b) Limited public participation and stakeholder involvement	n/a	3	n/a	3	n/a	3
(c) Lack of mainstreaming and integration of biodiversity issues into other sectors	n/a	2	n/a	3	n/a	3
(d) Lack of precautionary and proactive measures	n/a	2	n/a	2	n/a	3
(e) Inadequate capacity to act, caused by institutional weakness	n/a	1	n/a	1	n/a	2
(f) Lack of transfer of technology and expertise	n/a	2	n/a	2	n/a	3
(g) Loss of traditional knowledge	n/a	3	n/a	3	n/a	3
(h) Lack of adequate scientific research capacities to support all the objectives	n/a	2	n/a	1	n/a	1
(i) Lack of accessible knowledge and information	n/a	2	n/a	2	n/a	2
(j) Lack of public education and awareness at all levels	n/a	3	n/a	3	n/a	3
(k) Existing scientific and traditional knowledge not fully utilized	n/a	3	n/a	3	n/a	3

(l) Loss of biodiversity and the corresponding goods and services it provides not properly understood and documented	n/a	3	n/a	3	n/a	3
(m) Lack of financial, human, technical resources	n/a	3	n/a	2	n/a	2
(n) Lack of economic incentive measures	n/a	3	n/a	3	n/a	3
(o) Lack of benefit-sharing	n/a	3	n/a	3	n/a	1
(p) Lack of synergies at national and international levels	n/a	3	n/a	3	n/a	3
(q) Lack of horizontal cooperation among stakeholders	n/a	3	n/a	3	n/a	2
(r) Lack of effective partnerships	n/a	3	n/a	2	n/a	3
(s) Lack of engagement of scientific community	n/a	2	n/a	2	n/a	2
(t) Lack of appropriate policies and laws	n/a	1	n/a	2	n/a	3
(u) Poverty	n/a	3	n/a	2	n/a	1
(v) Population pressure	n/a	1	n/a	3	n/a	1
(w) Unsustainable consumption and production patterns	n/a	3	n/a	3	n/a	1
(x) Lack of capacities for local communities	n/a	1	n/a	2	n/a	3
(y) Lack of knowledge and practice of ecosystem-based approaches to management	n/a	3	n/a	3	n/a	3
(z) Weak law enforcement capacity	n/a	1	n/a	1	n/a	3
(aa) Natural disasters and environmental change	n/a	0	n/a	2	n/a	3
(bb) Others (please specify)	n/a	0	n/a	0	n/a	0

### Inland water ecosystems

<b>148.</b> Has your country incorporated the objectives and relevant activities of the programme of work into the following and implemented them? (decision VII/4)				
Strategies, policies, plans and activities	No	Yes, partially, integrated but not implemented	Yes, fully integrated and implemented	N/A
a) Your biodiversity strategies and action plans				n/a
b) Wetland policies and strategies				n/a
c) Integrated water resources management and water efficiency plans being developed in line with paragraph 25 of the Plan of Implementation of the World Summit on Sustainable Development	n/a			
d) Enhanced coordination and cooperation between national actors responsible for inland water ecosystems and biological diversity	n/a			
Further comments on incorporation of the objectives and activities of the programme of work				

<b>149.</b> Has your country identified priorities for each activity in the programme of work, including timescales, in relation to outcome oriented targets? (decision VII/4 )	
a) No	x
b) Outcome oriented targets developed but priority activities not developed	
c) Priority activities developed but not outcome oriented targets	
d) Yes, comprehensive outcome oriented targets and priority activities developed	
Further comments on the adoption of outcome oriented targets and priorities for activities, including providing a list of targets (if developed).	

**150.** Is your country promoting synergies between this programme of work and related activities under the Ramsar Convention as well as the implementation of the Joint Work Plan (CBD-Ramsar) at the national level? (decision VII/4 )

a) Not applicable (not Party to Ramsar Convention)	
b) No	x
c) No, but potential measures were identified for synergy and joint implementation	
d) Yes, some measures taken for joint implementation (please specify below)	
e) Yes, comprehensive measures taken for joint implementation (please specify below)	
Further comments on the promotion of synergies between the programme of work and related activities under the Ramsar Convention as well as the implementation of the Joint Work Plan (CBD-Ramsar) at the national level.	

**151.** Has your country taken steps to improve national data on: (decision VII/4 )

Issues	Yes	No	No, but development is under way
a) Goods and services provided by inland water ecosystems?		x	
b) The uses and related socioeconomic variables of such goods and services?		x	
c) Basic hydrological aspects of water supply as they relate to maintaining ecosystem function?	x		
d) Species and all taxonomic levels?	x		
e) On threats to which inland water ecosystems are subjected?	x		
Further comments on the development of data sets, in particular a list of data sets developed in case you have replied "YES" above.			
<p>Projet on monitoring of the state and water quality is currently undergoing initial implementation phase covering the area of Sava River basin. The following items are to be defined within the respective project: physical-chemical water characteristics by standard parametres, biological water characteristics according to the identification of the structure of the living communities and indicators, that will serve as a basis of for the futher monitoring of the state.</p> <p>Hydro-meterological Institute and Institute for health protection are responsible for water quality monitoring.</p>			

**152.** Has your country promoted the application of the guidelines on the rapid assessment of the biological diversity of inland water ecosystems? (decision VII/4 )

a) No, the guidelines have not been reviewed	x
b) No, the guidelines have been reviewed and found inappropriate	
c) Yes, the guidelines have been reviewed and application/promotion is pending	
d) Yes, the guidelines promoted and applied	

Further comments on the promotion and application of the guidelines on the rapid assessment of the biological diversity of inland water ecosystems.

**Box LXIII.**

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

National strategy and action plan for biodiversity have not been defined in B&H. This has consequently contributed to the partial implementation of the Convention in the country. Some programme of work have not been developed and implemented into the strategy and development of certain areas. Hence, state's contribution to the achievement of the Millennium Development Goals and to progress toward the 2010 target is not high.

Fragmentation in certain management fields and insufficient administrative efficiency represent the main causes to the above mentioned problems.



## Marine and coastal biological diversity

### General

153. Do your country's strategies and action plans include the following? Please use an "X" to indicate your response. (decisions II/10 and IV/15)	
a) Developing new marine and coastal protected areas	
b) Improving the management of existing marine and coastal protected areas	
c) Building capacity within the country for management of marine and coastal resources, including through educational programmes and targeted research initiatives (if yes, please elaborate on types of initiatives in the box below)	
d) Instituting improved integrated marine and coastal area management (including catchments management) in order to reduce sediment and nutrient loads into the marine environment	
e) Protection of areas important for reproduction, such as spawning and nursery areas	
f) Improving sewage and other waste treatment	
g) Controlling excessive fishing and destructive fishing practices	
h) Developing a comprehensive oceans policy (if yes, please indicate current stage of development in the box below)	
i) Incorporation of local and traditional knowledge into management of marine and coastal resources (if yes, please elaborate on types of management arrangements in the box below)	
j) Others (please specify below)	
k) Not applicable	x
Please elaborate on the above activities and list any other priority actions relating to conservation and sustainable use of marine and coastal biodiversity.	
NBSAP has not been defined.	

### Implementation of Integrated Marine and Coastal Area Management

154. Has your country established and/or strengthened institutional, administrative and legislative arrangements for the development of integrated management of marine and coastal ecosystems?	
a) No	x
b) Early stages of development	
c) Advanced stages of development	
d) Arrangements in place (please provide details below)	
e) Not applicable	
Further comments on the current status of implementation of integrated marine and coastal area management.	

**155.** Has your country implemented ecosystem-based management of marine and coastal resources, for example through integration of coastal management and watershed management, or through integrated multidisciplinary coastal and ocean management?

a) No	x
b) Early stages of development	
c) Advanced stages of development	
d) Arrangements in place (please provide details below)	
e) Not applicable	

Further comments on the current status of application of the ecosystem to management of marine and coastal resources.

### Marine and Coastal Living Resources

**156.** Has your country identified components of your marine and coastal ecosystems, which are critical for their functioning, as well as key threats to those ecosystems?

a) No	x
b) Plans for a comprehensive assessment of marine and coastal ecosystems are in place (please provide details below)	
c) A comprehensive assessment is currently in progress	
d) Critical ecosystem components have been identified, and management plans for them are being developed (please provide details below)	
e) Management plans for important components of marine and coastal ecosystems are in place (please provide details below)	
f) Not applicable	

Further comments on the current status of assessment, monitoring and research relating to marine and coastal ecosystems, as well as key threats to them

**157.** Is your country undertaking the following activities to implement the Convention's work plan on coral reefs? Please use an "X" to indicate your response.

<b>Activities</b>	<b>Not implemented nor a priority</b>	<b>Not implemented but a priority</b>	<b>Currently implemented</b>	<b>Not applicable</b>
a) Ecological assessment and monitoring of reefs				X
b) Socio-economic assessment and monitoring of communities and stakeholders				X
c) Management, particularly through application of integrated coastal management and marine and coastal protected areas in coral reef environments				X
d) Identification and implementation of additional and alternative measures for securing livelihoods of people who directly depend on coral reef services				X
e) Stakeholder partnerships, community participation programmes and public education campaigns				X
f) Provision of training and career opportunities for marine taxonomists and ecologists				X
g) Development of early warning systems of coral bleaching				X
h) Development of a rapid response capability to document coral bleaching and mortality				X
i) Restoration and rehabilitation of degraded coral reef habitats				X
j) Others (please specify below)				x

Please elaborate on ongoing activities.

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### Marine and Coastal Protected Areas

158. Which of the following statements can best describe the current status of marine and coastal protected areas in your country? Please use an "X" to indicate your response.	
a) Marine and coastal protected areas have been declared and gazetted (please indicate below how many)	
b) Management plans for these marine and coastal protected areas have been developed with involvement of all stakeholders	
c) Effective management with enforcement and monitoring has been put in place	
d) A national system or network of marine and coastal protected areas is under development	
e) A national system or network of marine and coastal protected areas has been put in place	
f) The national system of marine and coastal protected areas includes areas managed for purpose of sustainable use, which may allow extractive activities	
g) The national system of marine and coastal protected areas includes areas which exclude extractive uses	
h) The national system of marine and coastal protected areas is surrounded by sustainable management practices over the wider marine and coastal environment.	
i) Other (please describe below)	
j) Not applicable	x
Further comments on the current status of marine and coastal protected areas.	
<p>The total length of B&amp;H sea border is 25 km., besides a wide hinterland , which is famous for ecosystems of rocks, breaches, mediterrenian brown bullhead and macchia, and a range of landscape diversity, whose conservation requires a legitimate protection. The protected sites/areas have not been established yet.</p>	

### Mariculture

159. Is your country applying the following techniques aimed at minimizing adverse impacts of mariculture on marine and coastal biodiversity? Please check all that apply.	
a) Application of environmental impact assessments for mariculture developments	
b) Development and application of effective site selection methods in the framework of integrated marine and coastal area management	
c) Development of effective methods for effluent and waste control	
d) Development of appropriate genetic resource management plans at the hatchery level	
e) Development of controlled hatchery and genetically sound reproduction methods in order to avoid seed collection from nature.	
f) If seed collection from nature cannot be avoided, development of environmentally sound practices for spat collecting operations, including use of selective fishing gear to avoid by-catch	

g) Use of native species and subspecies in mariculture	x
h) Implementation of effective measures to prevent the inadvertent release of mariculture species and fertile polypoids.	
i) Use of proper methods of breeding and proper places of releasing in order to protect genetic diversity	
j) Minimizing the use of antibiotics through better husbandry techniques	
k) Use of selective methods in commercial fishing to avoid or minimize by-catch	
l) Considering traditional knowledge, where applicable, as a source to develop sustainable mariculture techniques	
m) Not applicable	
Further comments on techniques that aim at minimizing adverse impacts of mariculture on marine and coastal biodiversity.	
In the area of Neum a mariculture system is being developed with domestic types of mussels.	

### Alien Species and Genotypes

<b>160.</b> Has your country put in place mechanisms to control pathways of introduction of alien species in the marine and coastal environment? Please check all that apply and elaborate on types of measures in the space below.	
a) No	X
b) Mechanisms to control potential invasions from ballast water have been put in place (please provide details below)	
c) Mechanisms to control potential invasions from hull fouling have been put in place (please provide details below)	
d) Mechanisms to control potential invasions from aquaculture have been put in place (please provide details below)	
e) Mechanisms to control potential invasions from accidental releases, such as aquarium releases, have been put in place (please provide details below)	
f) Not applicable	
Further comments on the current status of activities relating to prevention of introductions of alien species in the marine and coastal environment, as well as any eradication activities.	

**Box LXIV.**

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Programme of work on marine and coastal biological diversity has not been developed.

### Agricultural biological diversity

**161. ?** Has your country developed national strategies, programmes and plans that ensure the development and successful implementation of policies and actions that lead to the conservation and sustainable use of agrobiodiversity components? (decisions III/11 and IV/6)

a) No	X
b) No, but strategies, programmes and plans are under development	
c) Yes, some strategies, programmes and plans are in place (please provide details below)	
d) Yes, comprehensive strategies, programmes and plans are in place (please provide details below)	
Further comments on agrobiodiversity components in national strategies, programmes and plans.	

**162. ?** Has your country identified ways and means to address the potential impacts of genetic use restriction technologies on the *In-situ* and *Ex-situ* conservation and sustainable use, including food security, of agricultural biological diversity? (decision V/5)

a) No	
b) No, but potential measures are under review	X
c) Yes, some measures identified (please provide details below)	
d) Yes, comprehensive measures identified (please provide details below)	
Further information on ways and means to address the potential impacts of genetic use restriction technologies on the <i>In-situ</i> and <i>Ex-situ</i> conservation and sustainable use of agricultural biodiversity.	
Hygienic condition monitoring of food production is being carried out in the laboratories of the Veterinary Faculty in Sarajevo. However, B&H has no developed mechanisms monitoring the potential impacts of genetic use restriction technologies on biodiversity and agricultural biodiversity.	

## Annex to decision V/5 - Programme of work on agricultural biodiversity

Programme element 1 – Assessment	
<b>163.</b> Has your country undertaken specific assessments of components of agricultural biodiversity such as on plant genetic resources, animal genetic resources, pollinators, pest management and nutrient cycling?	
a) No	X
b) Yes, assessments are in progress (please specify components below)	
c) Yes, assessments completed (please specify components and results of assessments below)	
Further comments on specific assessments of components of agricultural biodiversity.	

<b>164.</b> Is your country undertaking assessments of the interactions between agricultural practices and the conservation and sustainable use of the components of biodiversity referred to in Annex I of the Convention (e.g. ecosystems and habitats; species and communities; genomes and genes of social, scientific or economic importance)?	
a) No	X
b) Yes, assessments are under way	
c) Yes, some assessments completed (please provide details below)	
d) Yes, comprehensive assessments completed (please provide details below)	
Further comments on assessment of biodiversity components (e.g. ecosystems and habitats; species and communities; genomes and genes of social, scientific or economic importance).	

<b>165.</b> Has your country carried out an assessment of the knowledge, innovations and practices of farmers and indigenous and local communities in sustaining agricultural biodiversity and agro-ecosystem services for food production and food security?	
a) No	X
b) Yes, assessment is under way	
c) Yes, assessment completed (please specify where information can be retrieved below)	
Further comments on assessment of the knowledge, innovations and practices of farmers and indigenous and local communities.	

<b>166.</b> Has your country been monitoring an overall degradation, status quo or restoration/rehabilitation of agricultural biodiversity since 1993 when the Convention entered into force?	
a) No	X
b) Yes, no change found (status quo)	
c) Yes, overall degradation found (please provide details below)	
d) Yes, overall restoration or rehabilitation observed (please provide details below)	
Further comments on observations.	

<b>Programme element 2 - Adaptive management</b>	
<b>167.</b> Has your country identified management practices, technologies and policies that promote the positive, and mitigate the negative, impacts of agriculture on biodiversity, and enhance productivity and the capacity to sustain livelihoods?	
a) No	X
b) No, but potential practices, technologies and policies being identified	
c) Yes, some practices, technologies and policies identified (please provide details below)	
d) Yes, comprehensive practices, technologies and policies identified (please provide details below)	
Further comments on identified management practices, technologies and policies.	

<b>Programme element 3 - Capacity-building</b>	
<b>168.</b> Has your country increased the capacities of farmers, indigenous and local communities, and their organizations and other stakeholders, to manage sustainable agricultural biodiversity and to develop strategies and methodologies for <i>In-situ</i> conservation, sustainable use and management of agricultural biological diversity?	
a) No	
b) Yes (please specify area/component and target groups with increased capacity)	X
Further comments on increased capacities of farmers, indigenous and local communities, and their organizations and other stakeholders.	
<p>The agricultural practice was completely deactivated. During the war in B&amp;H. After the war, particularly in settlements of returnees such as Podrinje and area around Drvar a number of small agricultural factories were set up in order to provide the sustainable management of agricultural biodiversity. Additionally, within the Sarajevo Canton a number of small agricultural properties being established in order to produce "healthy food" without use of artificial compost.</p>	



**169.** Has your country put in place operational mechanisms for participation by a wide range of stakeholder groups to develop genuine partnerships contributing to the implementation of the programme of work on agricultural biodiversity?

a) No	X
b) No, but potential mechanisms being identified	
c) No, but mechanisms are under development	
d) Yes, mechanisms are in place	

**170.** Has your country improved the policy environment, including benefit-sharing arrangements and incentive measures, to support local-level management of agricultural biodiversity?

a) No	X
b) No, but some measures and arrangements being identified	
c) No, but measures and arrangements are under development	
d) Yes, measures and arrangements are being implemented (please specify below)	

Further comments on the measures taken to improve the policy environment.

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#### Programme element 4 – Mainstreaming

**171.** Is your country mainstreaming or integrating national plans or strategies for the conservation and sustainable use of agricultural biodiversity in sectoral and cross-sectoral plans and programmes?

a) No	X
b) No, but review is under way	
c) No, but potential frameworks and mechanisms are being identified	
d) Yes, some national plans or strategies mainstreamed and integrated into some sectoral plans and programmes (please provide details below)	
e) Yes, some national plans or strategies mainstreamed into major sectoral plans and programmes (please provide details below)	

Further comments on mainstreaming and integrating national plans or strategies for the conservation and sustainable use of agricultural biodiversity in sectoral and cross-sectoral plans and programmes.

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**172.** Is your country supporting the institutional framework and policy and planning mechanisms for the mainstreaming of agricultural biodiversity in agricultural strategies and action plans, and its integration into wider strategies and action plans for biodiversity?

a) No	X
b) Yes, by supporting institutions in undertaking relevant assessments	
c) Yes, by developing policy and planning guidelines	
d) Yes, by developing training material	
e) Yes, by supporting capacity-building at policy, technical and local levels	
f) Yes, by promoting synergy in the implementation of agreed plans of action and between ongoing assessment and intergovernmental processes.	
Further comments on support for institutional framework and policy and planning mechanisms.	

**173.** In the case of centers of origin in your country, is your country promoting activities for the conservation, on farm, *In-situ*, and *Ex-situ*, of the variability of genetic resources for food and agriculture, including their wild relatives?

a) No	X
b) Yes (please provide details below)	
Further comments on of the conservation of the variability of genetic resources for food and agriculture in their center of origin.	

**Box LXV.**

Please provide information concerning the actions taken by your country to implement the Plan of Action for the International Initiative for the Conservation and Sustainable Use of Pollinators.

At present B&H has not undertaken adequate actions for Conservation and sustainable use of pollinators.

**Box LXVI.**

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Programme of work for Agricultural biological diversity has not been developed.

## Forest Biological Diversity

### General

<b>174.</b> Has your country incorporated relevant parts of the work programme into your national biodiversity strategies and action plans and national forest programmes?	
a) No	
b) Yes, please describe the process used	
c) Yes, please describe constraints/obstacles encountered in the process	
d) Yes, please describe lessons learned	
e) Yes, please describe targets for priority actions in the programme of work	x
Further comments on the incorporation of relevant parts of the work programme into your NBSAP and forest programmes	

#### Box LXVII.

Please indicate what recently applied tools (policy, planning, management, assessment and measurement) and measures, if any, your country is using to implement and assess the programme of work. Please indicate what tools and measures would assist the implementation.
<p>Development strategy in relation to the forestry sector of B&amp;H has defined the following priorities:</p> <ul style="list-style-type: none"> <li>➤ To promote forest management system through information system, establishment of a monitoring system, carrying out inventories, ensuring the participation of all stakeholders</li> <li>➤ Continuous rehabilitation of forests, through sanitation, demining, prevention measures against the adverse impacts, preparation of long-term programmes for reconstruction of low-productive forests, preparation of afforestation programmes, designation of category and surface of the forestland, improvement of sustainable hunting of game animals</li> <li>➤ Improvement of forest protection, by establishment of permanent principles for sustainable biodiversity, increase forest openness, carry out property transformation, application of international standards, forest certification, rational food use, improvement of special forest products usage</li> </ul> <p>However, development strategy in the respective sector is not a harmonisation result with the programme of work of the Convention.</p>

#### Box LXVIII.

Please indicate to what extent and how your country has involved indigenous and local communities, and respected their rights and interests, in implementing the programme of work.
According to the existing practice, indigenous and local communities were not widely and methodically involved into the implementation of this and other programmes of work.

**Box LXIX.**

Please indicate what efforts your country has made towards capacity building in human and capital resources for the implementation of the programme of work.

There is a lack of capacity building in human and capital resources for the implementation of the programme of work.

**Box LXX.**

Please indicate how your country has collaborated and cooperated (e.g., south-south, north-south, south-north, north-north) with other governments, regional or international organizations in implementing the programme of work. Please also indicate what are the constraints and/or needs identified.

There is a lack of cooperation between B&H and other governments, regional and institutional organizations in relation to the implementation of the programme of work B&H cooperates with countries in the region.

### Expanded programme of work on forest biological diversity

Programme element 1 – Conservation, sustainable use and benefit-sharing	
<b>175.</b> Is your country applying the ecosystem approach to the management of all types of forests?	
a) No (please provide reasons below)	X
b) No, but potential measures being identified (please provide details below)	
c) Yes (please provide details below)	
Comments on application of the ecosystem approach to management of forests (including effectiveness of actions taken, lessons learned, impact on forest management, constraints, needs, tools, and targets).	
B&H has not ensured any capacity nor management mechanisms for implementation of integrated forest management and other types of ecosystems.	

<b>176.</b> Has your country undertaken measures to reduce the threats to, and mitigate its impacts on forest biodiversity?		
Options	X	Details
a) Yes		Please specify below the major threats identified in relation to each objective of goal 2 and the measures undertaken to address priority actions
b) No	x	Please provide reasons below

		<p>The major threats identified in relation to forest ecosystems have been identified within Development strategy of B&amp;h :</p> <p>damages caused by war, minefields, lack of forest strategy harmonized with the international standards, responsibility distribution level, court slowness in settlement of disputes, a number of unsettled property disputes, usurpation of forest land, illegal logging, insufficient technical equipment,etc.</p> <p>However, it is necessary to mention the lack of adequate mechanisms to respond to the most frequent impacts such as illegal logging and usurpation of forest land.</p>
<p>Further comments on measures to reduce threats to, and mitigate the impacts of threatening processes on forest biodiversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).</p>		

<b>177. Is your country undertaking any measures to protect, recover and restore forest biological diversity?</b>		
Options	<b>X</b>	Details
a) Yes	<input type="checkbox"/>	<p>Please identify priority actions in relation to each objective of goal 3 and describe measures undertaken to address these priorities</p>
b) No	<input checked="" type="checkbox"/>	<p>Please provide reasons below</p> <p>All priority actions envisaged in forest sector of development strategy of B&amp;H are undergoing a very slow implementation phase, i(if any).The reasons are to be found in: slowness and disorganization of the whole system and deficiency of clear financial policy for effective and successful action implementation</p>
<p>Further comments on measures to protect, recover and restore forest biological diversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).</p>		

<b>178. Is your country undertaking any measures to promote the sustainable use of forest biological diversity?</b>		
Options	<b>X</b>	Details
a) Yes	<input type="checkbox"/>	<p>Please specify priority actions in relation to each objective of goal 4 and describe measures undertaken to address these priorities</p>
b) No	<input checked="" type="checkbox"/>	<p>Please provide reasons below</p> <p>The same as provided in 177.</p>

Further comments on the promotion of the sustainable use of forest biological diversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

**179.** Is your country undertaking any measures to promote access and benefit-sharing of forest genetic resources?

Options	X	Details
a) Yes		Please specify priority actions in relation to each objective of goal 5 and describe measures undertaken
b) No	X	Please provide reasons below The same as provided in 177.

Further comments on the promotion of access and benefit-sharing of forest genetic resources. (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets)

**Programme element 2 – Institutional and socio-economic enabling environment**

**180.** Is your country undertaking any measures to enhance the institutional enabling environment for the conservation and sustainable use of forest biological diversity, including access and benefit-sharing?

Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of Goal 1 and describe measures undertaken to address these priorities
b) No	X	Please provide reasons below Ecosystem approach in forest management has not been applied

Further comments on the enhancement of the institutional enabling environment for the conservation and sustainable use of forest biological diversity, including access and benefit-sharing (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

**181.** Is your country undertaking any measures to address socio-economic failures and distortions that lead to decisions that result in loss of forest biological diversity?

Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of Goal 2 and describe measures undertaken to address these priorities
b) No		Please provide reasons below
	X	The same as provided in 177.
Further comments on review of socio-economic failures and distortions that lead to decisions that result in loss of forest biological diversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

**182.** Is your country undertaking any measures to increase public education, participation and awareness in relation to forest biological diversity?

Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of goal 3 and describe measures undertaken to address these priorities
b) No		Please provide reasons below
	X	The same as provided in 177.
Further comments on measures to increase public education, participation and awareness in relation to forest biological diversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

**Programme element 3 – Knowledge, assessment and monitoring**

**183.** Is your country undertaking any measures to characterize forest ecosystems at various scales in order to improve the assessment of the status and trends of forest biological diversity?

Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of Goal 1 and describe measures undertaken to address these priorities
b) No	X	Please provide reasons below Ecosystem approach has not been applied into forest management.

Further comments on characterization of forest ecosystems at various scales (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

Traditionally, there are differences in forest and biological approach on characterization of forests in B&H. It is necessary to introduce ecosystem approach into forest management system integrating forest and biological practices.

**184.** Is your country undertaking any measures to improve knowledge on, and methods for, the assessment of the status and trends of forest biological diversity?

Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of goal 2 and describe measures undertaken to address these priorities
b) No	X	Please provide reasons below B&H has not provided any respective measures and actions due to the lack of implementation of the Convention's programme of work.

Further comments on improvement of knowledge on and methods for the assessment of the status and trends (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

The state of B&H has not taken appropriate measures aimed at improvement of knowledge on and methods for the assessment of the status.

However, it is necessary to emphasize that certain methods have been developed for the assessment of the forest biodiversity status within the special scientific-research institutions ([www.cepres.pmf.unsa.ba](http://www.cepres.pmf.unsa.ba))



**185.** Is your country undertaking any measures to improve the understanding of the role of forest biodiversity and ecosystem functioning?

Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of goal 3 and describe measures undertaken to address these priorities
b) No	X	Please provide reasons below The same as provided in 184.

Further comments on the improvement of the understanding of the role of forest biodiversity and ecosystem functioning (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

In the recent years a noticeable trend change towards recognition of biodiversity key role and forest function has been marked and best illustrated through media. However, such a change has not initiate any concrete actions, especially those at the state level.

**186.** Is your country undertaking any measures at national level to improve the infrastructure for data and information management for accurate assessment and monitoring of global forest biodiversity?

Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of goal 4 and describe measures undertaken to address these priorities
b) No	X	Please provide reasons below Legislative on forest management has been passed at the entity, excluding the state level.

Further comments on the improvement of the infrastructure for data and information management (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

Within the Law on nature protection of the Federation of B&H. A Rulebook on establishment and management of information system for environmental protection and monitoring has been adopted. Applying the respective rulebook will provide the establishment of a system for biodiversity monitoring and assessment of the actual forest state. Additionally, Law on forests regulates the issue concerned, which was passed at the cantonal level.

**Box LXXI.**

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Programme of work on forest biodiversity has not been developed in B&H.

### Biological diversity of dry and sub-humid lands

**187.** Is your country supporting scientifically, technically and financially, at the national and regional levels, the activities identified in the programme of work? (decisions V/23 and VII/2 )

- |                                       |   |
|---------------------------------------|---|
| a) No                                 | X |
| b) Yes (please provide details below) |   |

Further comments on scientific, technical and financial support, at the national and regional levels, to the activities identified in the programme of work.

**188.** Has your country integrated actions under the programme of work of dry and sub-humid lands into its national biodiversity strategies and action plans or the National Action Programme (NAP) of the UNCCD? (decisions V/23, VI/4 and VII/2)

- |                                       |   |
|---------------------------------------|---|
| a) No                                 | X |
| b) Yes (please provide details below) |   |

Further comments on actions under the programme of work of dry and sub-humid lands integrated into national biodiversity strategies and action plans or the National Action Programme (NAP) of the UNCCD.

**189.** Has your country undertaken measures to ensure synergistic/collaborative implementation of the programme of work between the national UNCCD process and other processes under related environmental conventions? (decisions V/23, VI/4 and VII/2)

- |   |   |
|---|---|
| a) No   | X |
| b) Yes, some linkages established (please provide details below)      |   |
| c) Yes, extensive linkages established (please provide details below) |   |

Further comments on the measures to ensure the synergistic/collaborative implementation of the programme of work between the national UNCCD processes and other processes under related environmental conventions.

<b>Programme Part A: Assessment</b>	
<b>190.</b> Has your country assessed and analyzed information on the state of dryland biological diversity and the pressures on it, disseminated existing knowledge and best practices, and filled knowledge gaps in order to determine adequate activities? (Decision V/23, Part A: Assessment, Operational objective, activities 1 to 6)	
a) No	X
b) No, but assessment is ongoing	
c) Yes, some assessments undertaken (please provide details below)	
d) Yes, comprehensive assessment undertaken (please provide details below)	
Further comments on the relevant information on assessments of the status and trends and dissemination of existing knowledge and best practices.	

<b>Programme Part B: Targeted Actions</b>	
<b>191.</b> Has your country taken measures to promote the conservation and sustainable use of the biological diversity of dry and sub-humid lands and the fair and equitable sharing of the benefits arising out of the utilization of its genetic resources, and to combat the loss of biological diversity in dry and sub-humid lands and its socio-economic consequences? (part B of annex I of decision V/23, activities 7 to 9)	
a) No	X
b) Yes, some measures taken (please provide details below)	
c) Yes, many measures taken (please provide details below)	
Further comments on the measures taken to promote the conservation and sustainable use of the biological diversity of dry and sub-humid lands and the fair and equitable sharing of the benefits arising out of the utilization of its genetic resources, and to combat the loss of biological diversity in dry and sub-humid lands and its socio-economic consequences.	

<b>192.</b> Has your country taken measures to strengthen national capacities, including local capacities, to enhance the implementation of the programme of work?	
a) No	X
b) Yes, some measures taken (please provide details below)	
c) Yes, comprehensive measures taken (please provide details below)	
d) Yes, all identified capacity needs met (please provide details below)	
Further comments on measures taken to strengthen national capacities, including local capacities, to enhance the implementation of the programme of work.	

**Box LXXII.**

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Programme of work on Biological diversity of dry and sub-humid lands has not been developed in Bosnia and Herzegovina.

### Mountain Biodiversity

#### Programme Element 1. Direct actions for conservation, sustainable use and benefit sharing

**193.** Has your country taken any measures to prevent and mitigate the negative impacts of key threats to mountain biodiversity?

a) No	X
b) No, but relevant measures are being considered	
c) Yes, some measures taken (please provide details below)	
d) Yes, many measures taken (please provide details below)	

Further comments on the measures taken to prevent and mitigate the negative impacts of key threats to mountain biodiversity

<b>194.</b> Has your country taken any measures to protect, recover and restore mountain biodiversity?	
a) No	
b) No, but some measures are being considered	
c) Yes, some measures taken (please provide details below)	X
d) Yes, many measures taken (please provide details below)	
Further comments on the measures taken to protect, recover and restore mountain biodiversity	
In the post-war period, especially in the recent years, a number of important measures was taken in order to protect the mountain biodiversity of B&H. Valorization of natural values of some mountain areas, including Igman, Bjelašnica, Zvijezda, Ozren near Sarajeva and Vranica was carried out. Igman, Bjelašnica and Treskavica (mountains) have been announced as areas of special importance, representing the very first stage in protection of the respective mountain biodiversity.	

<b>195.</b> Has your country taken any measures to promote the sustainable use of mountain biological resources and to maintain genetic diversity in mountain ecosystems?	
a) No	X
b) No, but some measures are being considered	
c) Yes, some measures taken (please provide details below)	
d) Yes, many measures taken (please provide details below)	
Further comments on the measures to promote the sustainable use of mountain biological resources and to maintain genetic diversity in mountain ecosystems	

<b>196.</b> Has your country taken any measures for sharing the benefits arising from the utilization of mountain genetic resources, including preservation and maintenance of traditional knowledge?	
a) No	X
b) No, but some measures are being considered	
c) Yes, some measures taken (please provide details below)	
d) Yes, many measures taken (please provide details below)	
Further comments on the measures for sharing the benefits arising from the utilization of mountain genetic resources	

**Programme Element 2. Means of implementation for conservation, sustainable use and benefit sharing**

**197.** Has your country developed any legal, policy and institutional framework for conservation and sustainable use of mountain biodiversity and for implementing this programme of work?

a) No	X
b) No, but relevant frameworks are being developed	
c) Yes, some frameworks are in place (please provide details below)	
d) Yes, comprehensive frameworks are in place (please provide details below)	

Further comments on the legal, policy and institutional frameworks for conservation and sustainable use of mountain biodiversity and for implementing the programme of work on mountain biodiversity.

**198.** Has your country been involved in regional and/or transboundary cooperative agreements on mountain ecosystems for conservation and sustainable use of mountain biodiversity?

a) No	X
b) No, but some cooperation frameworks are being considered	
c) Yes (please provide details below)	

Further information on the regional and/or transboundary cooperative agreements on mountain ecosystems for conservation and sustainable use of mountain biodiversity

**Programme Element 3. Supporting actions for conservation, sustainable use and benefit sharing**

**199.** Has your country taken any measures for identification, monitoring and assessment of mountain biological diversity?

a) No	
b) No, but relevant programmes are under development	X
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further comments on the measures for identification, monitoring and assessment of mountain biodiversity

B&H has taken certain measures for identification, monitoring and assessment of mountain biodiversity, which are not defined as comprehensive at all. The causes of the above problems are the following: inadequate organization of the existing capacity, insufficient finances to support scientific researches, insufficient awareness on the significance of the mountain biodiversity, lack of implementation of the programme of work.

<b>200.</b> Has your country taken any measures for improving research, technical and scientific cooperation and capacity building for conservation and sustainable use of mountain biodiversity?	
a) No	X
b) No, but relevant programmes are under development	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further comments on the measures for improving research, technical and scientific cooperation and capacity building for conservation and sustainable use of mountain biodiversity	

<b>201.</b> Has your country taken any measures to develop, promote, validate and transfer appropriate technologies for the conservation of mountain ecosystems?	
a) No	X
b) No, but relevant programmes are under development	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further comments on the measures to develop, promote, validate and transfer appropriate technologies for the conservation of mountain ecosystems	

**Box LXXIII .**

<p>Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> <li>a) outcomes and impacts of actions taken;</li> <li>b) contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>c) contribution to progress towards the 2010 target;</li> <li>d) progress in implementing national biodiversity strategies and action plans;</li> <li>e) contribution to the achievement of the Millennium Development Goals;</li> <li>f) constraints encountered in implementation.</li> </ul>
A Programme of work on Mountain biodiversity has not been developed in B&H.

## E. OPERATIONS OF THE CONVENTION

<b>202.</b> Has your country actively participated in subregional and regional activities in order to prepare for Convention meetings and enhance implementation of the Convention? (decision V/20)	
a) No	X
b) Yes (please provide details below)	
Further comments on the regional and subregional activities in which your country has been involved.	

<b>203.</b> Is your country strengthening regional and subregional cooperation, enhancing integration and promoting synergies with relevant regional and subregional processes? (decision VI/27 B)	
a) No	X
b) Yes (please provide details below)	
Further comments on regional and subregional cooperation and processes.	
<p>Bosnia and Herzegovina has been oriented towards comprehensive cooperation with countries in the region. However, in addressing the implementation issue of the Convention, B&amp;H hasn't given many opportunities to cooperate with the respective countries.</p> <p>What might be considered a priority in B&amp;H is a full cooperation between the entities. There is no unique legislation at state level to enhance the implementation of the Convention on biodiversity, nor there did any develop mechanisms and structures for carrying out certain programs of work. Administrative, scientific and technical cooperation at subregional, e.g national level represents a precondition for implementation and successful execution of the Convention by B&amp;H to the extent of other levels.</p>	

***The following question (204) is for DEVELOPED COUNTRIES***

<b>204.</b> Is your country supporting the work of existing regional coordination mechanisms and the development of regional and subregional networks or processes? (decision VI/27 B)	
a) No	
b) No, but programmes are under development	
c) Yes, included in existing cooperation frameworks (please provide details below)	
d) Yes, some cooperative activities ongoing (please provide details below)	
Further comments on support for the work of existing regional coordination mechanisms and the development of regional and subregional networks or processes.	



<b>205.</b> Is your country working with other Parties to strengthen the existing regional and subregional mechanisms and initiatives for capacity-building? (decision VI/27 B)	
a) No	X
b) Yes	

<b>206.</b> Has your country contributed to the assessment of the regional and subregional mechanisms for implementation of the Convention? (decision VI/27 B)	
a) No	X
b) Yes (please provide details below)	
Further comments on contribution to the assessment of the regional and subregional mechanisms.	

**Box LXXIV.**

<p>Please elaborate below on the implementation of the above decisions specifically focusing on:</p> <ul style="list-style-type: none"> <li>a) outcomes and impacts of actions taken;</li> <li>b) contribution to the achievement of the goals of the Strategic Plan of the Convention;</li> <li>c) contribution to progress towards the 2010 target;</li> <li>d) progress in implementing national biodiversity strategies and action plans;</li> <li>e) contribution to the achievement of the Millennium Development Goals;</li> <li>f) constraints encountered in implementation.</li> </ul> <p>Although from the aspect of implementation of the Convention B&amp;H has not developed a cooperation with the countries in the region, it is gradually developing a process within the country itself. Namely, in terms of administrative-legal arrangement B&amp;H does not represent a unique whole, and implementation of international documentation requires establishment and maintenance of a continuous cooperation between the respective entities. From that aspect, B&amp;H within its boundaries contributes to the Strategic plan of the Convention, 2010 goals and Millennium Development Goals. Certainly, the aforementioned cooperation is facing different constraints, caused by policy interference in decision-making process within the environmental sector.</p>
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## F. COMMENTS ON THE FORMAT

**Box LXXV.**

<p>Please provide below recommendations on how to improve this reporting format.</p> <p>Taking into consideration that B&amp;H has faced a preparation stage of NBSAP, preparation of 1. and 2. national report and lack of well developed mechanisms for implementation of the Convention on biodiversity, work on the format for the third national report has particularly contributed to:</p> <ul style="list-style-type: none"> <li>• clear definition of guidelines that are to be applied radni tim jasnije definiše pravce kojima treba razvijati nacionalnu strategiju za biodiverzitet</li> <li>• identification of a wide range of possibilities for development of national instruments and mechanisms</li> </ul>
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