



# National Biosafety Frameworks and National Biodiversity Strategies and Action Plans (NBSAPs)

AFRICAN REGIONAL CAPACITY-BUILDING WORKSHOP ON  
MAINSTREAMING BIOSAFETY

Addis Ababa, Ethiopia, 9-12 February 2016



Convention on  
Biological Diversity



# **National Biodiversity Strategies and Action Plans (NBSAPs)**

- **Article 6 -General Measures for Conservation and Sustainable Use:**
  - o **Develop national strategies, plans or programmes or adapt existing strategies, plans or programmes**
  - o **Integrate biological diversity into relevant sectoral or cross-sectoral plans, programmes and policies.**
- **Article 26 (reports), Article 10(a) (integration into decision-making)- closely linked to Article 6**

# **African Countries with Latest (Revised) NBSAPs**

- **Burkina Faso** (2011 – 2015)
- **Burundi** (2013 – 2020)
- **Cameroon** 2012
- **Congo** (2015)
- **Equatorial Guinea**
- **Eritrea** (2014-2020)
- **Mali** (2014)
- **Mauritania** (2011-2020)
- **Namibia** (2013-2022)

# **African Countries with Latest (Revised) NBSAPs**

- **Niger (20112 – 2020)**
- **Nigeria (2016- 2020)**
- **Senegal (2015 – 2020)**
- **Seychelles (2015-2020)**
- **Sudan (2015-2020)**
- **Togo (2011-2020)**
- **Uganda (2015-2025)**
- **Tanzania (2015-2020)**
- **Zambia (2015-2025)**

# STATUS OF DEVELOPMENT OF NATIONAL BIODIVERSITY STRATEGIES AND ACTION PLANS OR EQUIVALENT INSTRUMENTS IN THE AFRICAN REGION

Party	NBSAPs (year of completion/adoption)	Coverage of biosafety/LMOs
<b>Algeria</b>	<b>2005</b>	<b>No</b>
<b>Angola</b>	<b>2006</b>	<b>Yes – capacity, legislation</b>
<b>Benin</b>	<b>2002</b>	<b>Yes – component 4: biotechnology and its risks</b>
<b>Botswana</b>	<b>2005, 2007</b>	<b>Yes- strategic targets 8.1 (capacity), 8.2 (safe use), 8.3 (awareness raising) and strategic action 1.3.1</b>
<b>Burkina Faso</b>	<b>1998, 2011</b>	<b>Yes- Action12- managing and preventing risks of biotechnology</b>
<b>Burundi</b>	<b>2000</b>	<b>Yes- limited reference on enacting biosafety law – objective 8</b>
<b>Cabo Verde</b>	<b>1999</b>	<b>No</b>
<b>Cameroon</b>	<b>1999, 2012</b>	<b>Yes- Target (consistency of laws), Target 7 (biological invaders, including LMOs)</b>
<b>Central African Republic</b>	<b>2003</b>	<b>Yes- strategies 1-6</b>

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<b>Party</b>	<b>NBSAPs (year of completion/adoption)</b>	<b>Coverage of biosafety/LMOs</b>
<b>Chad</b>	<b>1999</b>	<b>None</b>
<b>Comoros</b>	<b>2000</b>	<b>Yes- limited under objective 8(a), (b) and (c)</b>
<b>Congo</b>	<b>2001, 2015</b>	<b>None - except mentioning Biosafety Protocol</b>
<b>Côte d'Ivoire</b>	<b>2002 * Strategy only</b>	<b>Yes – limited reference to management of biotechnology and biosafety</b>
<b>DR Congo</b>	<b>2000, 2002</b>	<b>Yes – limited idea on a biosafety project is included</b>
<b>Djibouti</b>	<b>2001</b>	<b>No</b>
<b>Egypt</b>	<b>1998</b>	<b>Yes- limited under programme 6</b>
<b>Equatorial Guinea</b>	<b>2005, 2015</b>	<b>None – except reference to biosafety law</b>
<b>Eritrea</b>	<b>2000, 2014 (2014-2020)</b>	<b>Yes- limited in Target 1 (knowledge and awareness raising and Target 16 – enforcement capacity</b>

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<b>Party</b>	<b>NBSAPs (year of completion/adoption)</b>	<b>Coverage of biosafety/LMOs</b>
<b>Ethiopia</b>	<b>2006</b>	<b>Yes- limited under objective 6 on legal frameworks</b>
<b>Gabon</b>	<b>1999</b>	<b>None</b>
<b>Gambia</b>	<b>1999, 2015 (2015 -2025)</b>	<b>1999- Limited, 2015 – None</b>
<b>Ghana</b>	<b>2002 *Strategy only</b>	<b>Yes</b>
<b>Guinea</b>	<b>2001</b>	<b>None</b>
<b>Guinea-Bissau</b>	<b>2001</b>	<b>Information not available – Portuguese version.</b>
<b>Kenya</b>	<b>1999</b>	<b>Yes- management of alien invasive species and genetically modified organisms (f)</b>
<b>Lesotho</b>	<b>2000</b>	<b>(document not searchable)</b>
<b>Liberia</b>	<b>2003</b>	<b>Yes- Goal 1, objective 16; Goal 2, objectives 1 and 19 – regulation, awareness</b>

# STATUS OF DEVELOPMENT OF NATIONAL BIODIVERSITY STRATEGIES AND ACTION PLANS OR EQUIVALENT INSTRUMENTS IN THE AFRICAN REGION

Party	NBSAPs (year of preparation/adoption)	Coverage of biosafety/LMOs
<b>Libya</b>	<b>First NBSAP under development</b>	<b>Information not available</b>
<b>Madagascar</b>	<b>2002, 2007</b>	<b>Yes – objective 4</b>
<b>Malawi</b>	<b>2006, 2015 (2015-2025)</b>	<b>Yes, Target 14</b>
<b>Mali</b>	<b>2001, 2014</b>	<b>Yes</b>
<b>Mauritania</b>	<b>1999, 2014 (2011-2020)</b>	<b>None</b>
<b>Mauritius</b>	<b>2006</b>	
<b>Morocco</b>	<b>2002, 2004</b>	<b>Yes</b>
<b>Mozambique</b>	<b>2001, 2003</b>	<b>Yes</b>
<b>Namibia</b>	<b>2002, 2014</b>	<b>Yes</b>



# STATUS OF DEVELOPMENT OF NATIONAL BIODIVERSITY STRATEGIES AND ACTION PLANS OR EQUIVALENT INSTRUMENTS IN THE AFRICAN REGION

Party	NBSAPs (year of completion /adoption )	Coverage of biosafety/LMOs
<b>Niger</b>	<b>2000, 2009, 2014 –</b>	<b>Yes- limited - Strategic objective 1 outcome 2</b>
<b>Nigeria</b>	<b>2006, 2015 (2016-2020)</b>	<b>Yes, limited reference</b>
<b>Rwanda</b>	<b>2003</b>	<b>Yes, limited</b>
<b>Sao Tome and Principe</b>	<b>2005</b>	<b>None</b>
<b>Senegal</b>	<b>1998, 2015</b>	<b>Yes- limited</b>
<b>Seychelles</b>	<b>2008, 2015 (2015-2020)</b>	<b>Yes- Project 8 –safe management of LMOs and biotechnology</b>
<b>Sierra Leone</b>	<b>2003</b>	<b>Yes, limited</b>
<b>Somalia</b>	<b>First NBSAP under development</b>	
<b>South Africa</b>	<b>2005</b>	<b>Yes</b>

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<b>Party</b>	<b>NBSAPs (year of completion /adoption)</b>	<b>Coverage of biosafety/LMOs</b>
<b>South Sudan</b>	<b>First NBSAP under development</b>	
<b>Sudan</b>	<b>2000, 2015 (2015-2020)</b>	<b>Yes, Action plan 6.5 on biotechnology and biosafety</b>
<b>Swaziland</b>	<b>2001</b>	<b>Yes, limited</b>
<b>Togo</b>	<b>2003, 2014 (2011-2020)</b>	<b>Yes, Theme 6 Biodiversity and Biosafety</b>
<b>Tunisia</b>	<b>1998</b>	<b>Yes, limited</b>
<b>Uganda</b>	<b>2002, 2015 (2015-2025)</b>	<b>Yes, 3.3 Biotechnology and biosafety, SP of the Cartagena Protocol, 3.4 GMOs, Strategic objective 6- harness modern biotechnology with adequate safety</b>
<b>United Rep. of Tanzania</b>	<b>2004, 2015 (2015-2025)</b>	<b>Yes, limited</b>
<b>Zambia</b>	<b>1999, 2015 (2015-2020)</b>	<b>Yes, limited- Target 12 – enforcing NBF</b>
<b>Zimbabwe</b>	<b>2002</b>	<b>Yes</b>

# Biosafety and related laws/guidelines in the African Region

Party	Biosafety and related laws	Remarks
Angola		N/A
Benin	<ul style="list-style-type: none"> <li>- Draft National Biosafety Framework (Developed under the UNEP-GEF Biosafety Project)</li> <li>- National Biosafety Committee establishment Decree 2004</li> <li>- Plants, Animals and Food Safety regulations - 2007</li> </ul>	Enacted?
Botswana	2006 - Draft National Biosafety Framework (Developed under the UNEP-GEF Biosafety Project)	Enacted?
Burkina Faso	<ul style="list-style-type: none"> <li>- Law on Safety in Biotechnology- law n°005-2006/AN of march 17, 2006</li> <li>- National Regulations on Safety measures in Biotechnology - 2004</li> </ul>	

# Biosafety and related laws/guidelines in the African region

Party	Biosafety and related laws	Remarks
Burundi	<ul style="list-style-type: none"> <li>- Code Relating to the Environment, 2000</li> <li>- National Biosafety Framework, 2006 draft (UNEP/GEF supported project)</li> </ul>	Enacted ?
Central African Republic		N/A
Chad	- National Biosafety Framework, 2008	Enacted?
Comoros	- National Biosafety Framework	Enacted?
Congo (D.R.)	- Law N° 11/009 of 2011 on the fundamental principles relating to the protection of the environment	

# Biosafety and related laws/guidelines in the African region

Party	Biosafety and related laws	Remarks
Cote D'ivoire	<ul style="list-style-type: none"> <li>- National Biosafety Framework (UNEP/GEF Project)</li> <li>- Plant Protection Law, 1964</li> </ul>	Enacted?
Gabon	- National Biosafety Framework, 2007, (UNEP/GEF)	Enacted?
Gambia	- National Biosafety Framework, 2005, (UNEP/GEF)	Enacted
Ghana	<ul style="list-style-type: none"> <li>- Ghana Biosafety Act, December 2011</li> <li>- Administrative Guidelines</li> <li>- Biosafety (Management of Biotechnology) Regulations 2007</li> </ul>	?
Guinea Bissau		?

# Biosafety and related laws/guidelines in the African region

Party	Biosafety and related laws	Remarks
Guinea	- National Biosafety Framework, 2005 – UNEP/GEF	
Kenya	<ul style="list-style-type: none"> <li>- Biosafety Act, 2009</li> <li>- Biosafety Regulations, 2011- import, export</li> <li>- Biosafety Regulations, 2011- environmental release</li> <li>- Biosafety Regulations, 2012- labelling</li> </ul>	
Lesotho	<ul style="list-style-type: none"> <li>- National Biosafety Framework, 2005 – draft</li> <li>- National Biosafety Policy</li> </ul>	
Liberia	- National Biosafety Framework, 2004	
Malawi	- Biosafety Act	
Niger	- National Biosafety Framework, 2005	?

# Biosafety and related laws/guidelines in the African region

Party	Biosafety and related laws	Remarks
Nigeria	<ul style="list-style-type: none"> <li>- National Biosafety Framework, 2005</li> <li>- Biosafety Guidelines</li> </ul>	?
Somalia		N/A
Senegal	- Law on Biosafety, 2009	
Sierra Leone	- National Biosafety Framework, 2006	?
Swaziland	- The Biosafety Act, 2012	
Tanzania	- National Biosafety Framework, 2004	?
Togo	- National Biosafety Framework, 2004	?
Zambia	<ul style="list-style-type: none"> <li>- The Biosafety Act, 2007</li> <li>- Regulations on GM-FFPs, 2010</li> </ul>	

# OBSERVATIONS

Countries are at different levels

**NBSAP AND NBF DEVELOPMENT**

Not all NBSAPs set targets

**AICHI/NATIONAL BIODIVERSITY TARGETS**

Not all NBSAPs address biosafety/LMOs- earlier NBSAPS do better

**BIOSAFTY MAINSTREAMING**

**(NBSAPs as the appropriate first step vehicle)**



# THANK YOU

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