



Overview of progress and support to the implementation of Aichi Targets 5 and 15



Convention on
Biological Diversity



Global Biodiversity Outlook 4 (GBO-4)



Target 5 – Natural habitat loss reduced by half and to zero where possible



“By 2020, the **rate of loss of all natural habitats, including forests, is at least halved** and where feasible brought close to zero, and **degradation and fragmentation is significantly reduced.**”

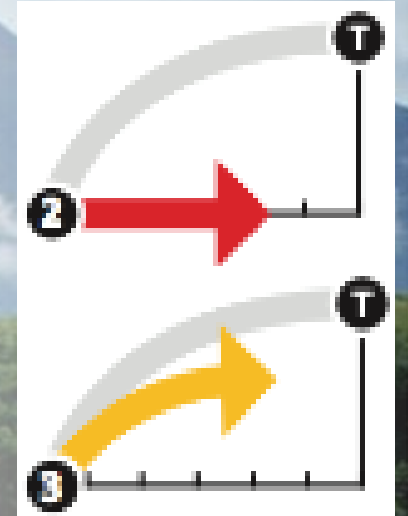
Low confidence in the evaluation due to the lack of data on ecosystems other than forests

Global Biodiversity Outlook 4 (GBO-4)



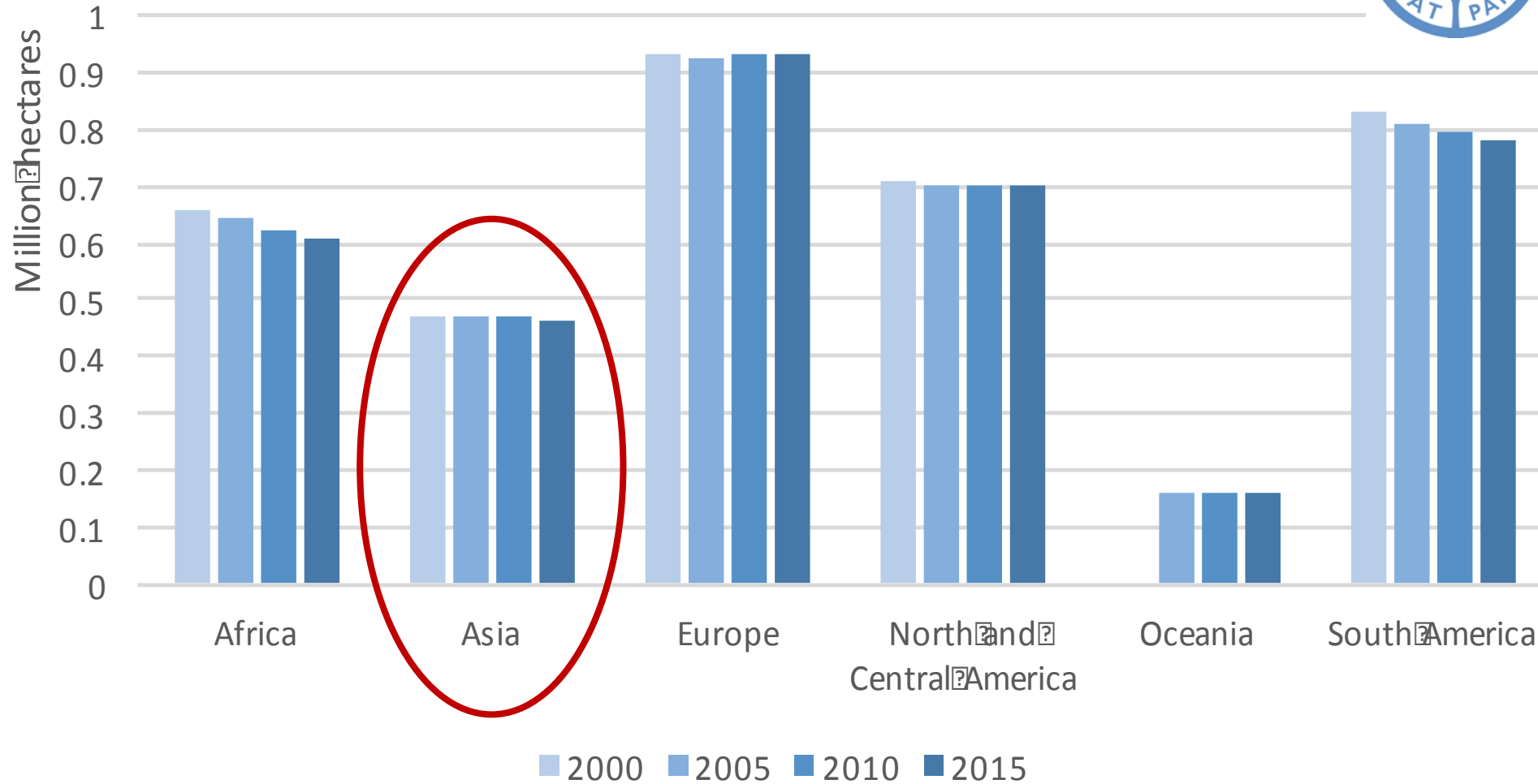
Target 15 – Ecosystem restoration and enhancement of resilience

By 2020, **ecosystem resilience** and the contribution of biodiversity to carbon stocks **has been enhanced**, through conservation and restoration, including **restoration of at least 15 per cent of degraded ecosystems**, thereby contributing to climate change mitigation and adaptation and to combating desertification.



Low confidence given the lack of available data

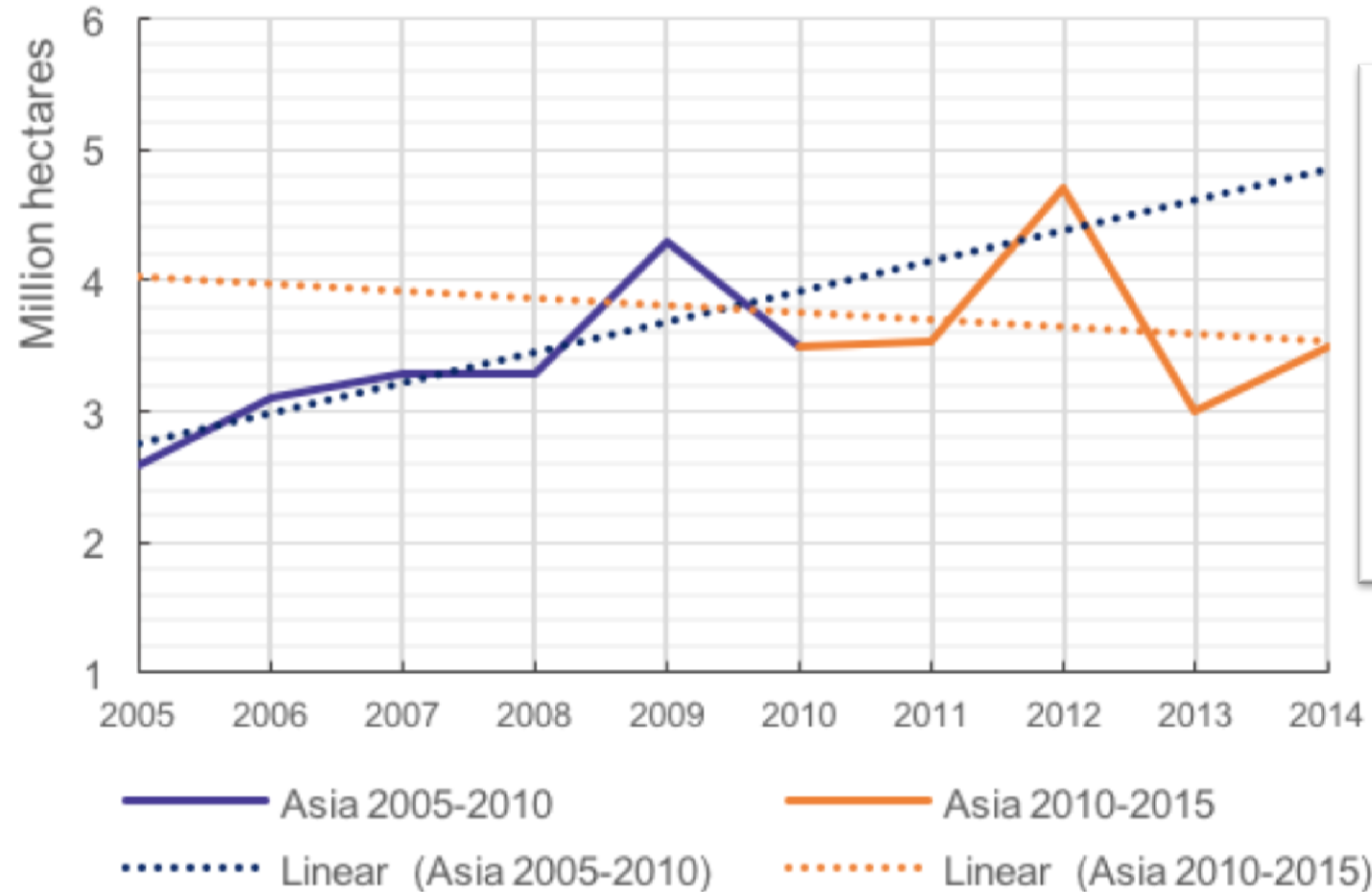
Area of natural forest per continent between 2000 and 2015
(Source: FAO FRA 2015)



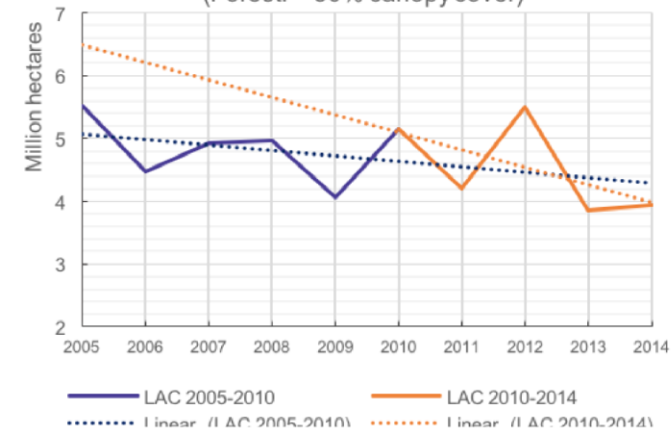


Global Forest Change (Hansen, 2013)

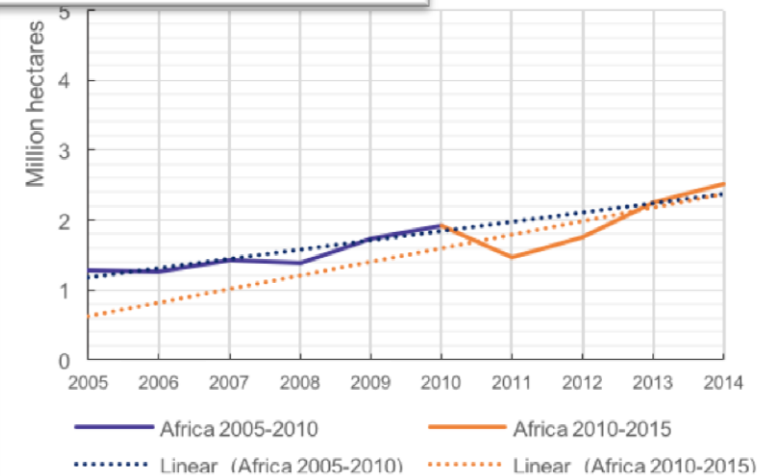
Gross forest cover loss for Asia
(Forest: >30% canopy cover)



Gross forest cover loss for
Latin America and the Caribbean
(Forest: > 30% canopy cover)



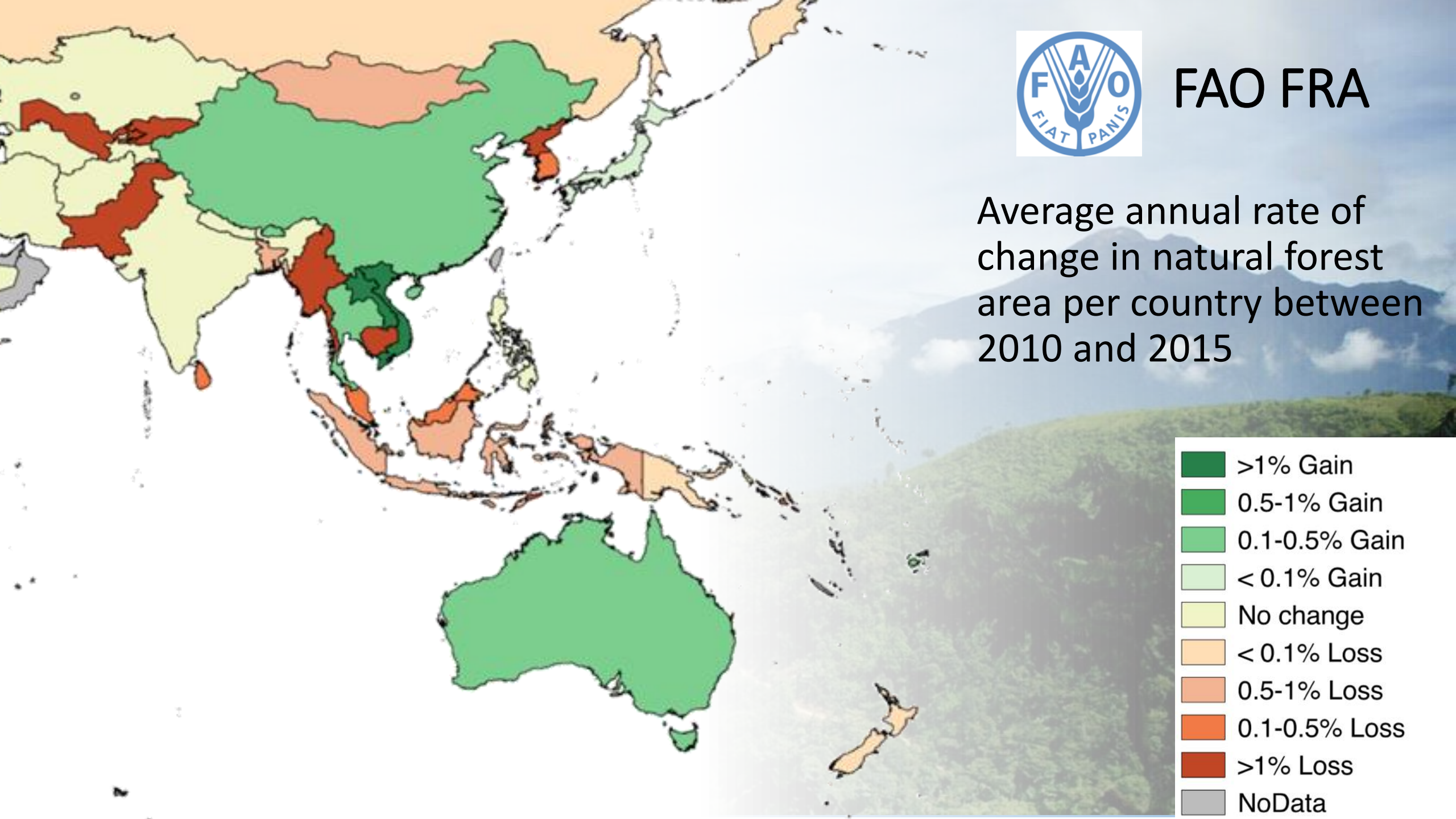
Gross forest cover loss for Africa
(Forest: > 30% canopy cover)





FAO FRA

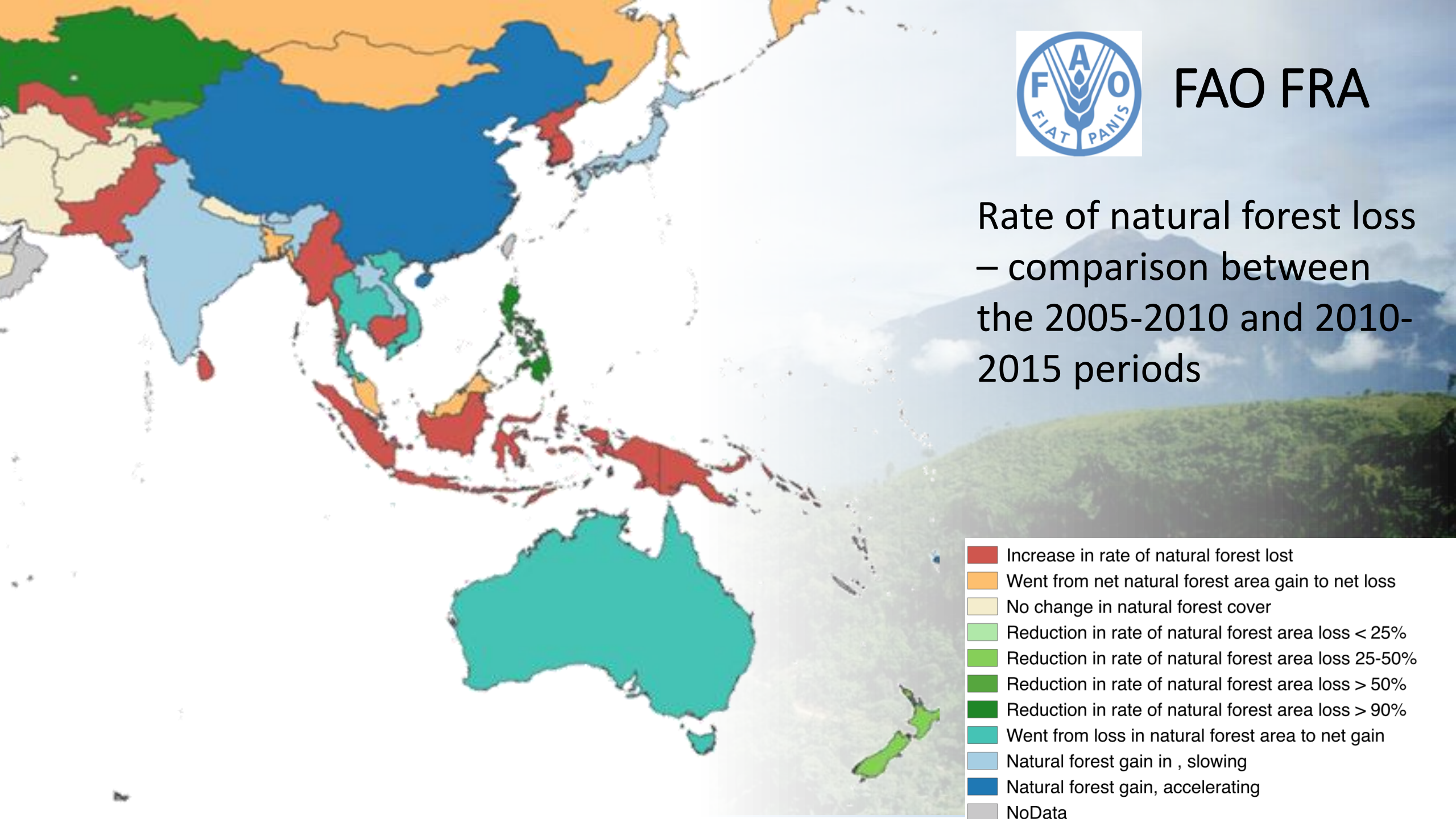
Average annual rate of change in natural forest area per country between 2010 and 2015





FAO FRA

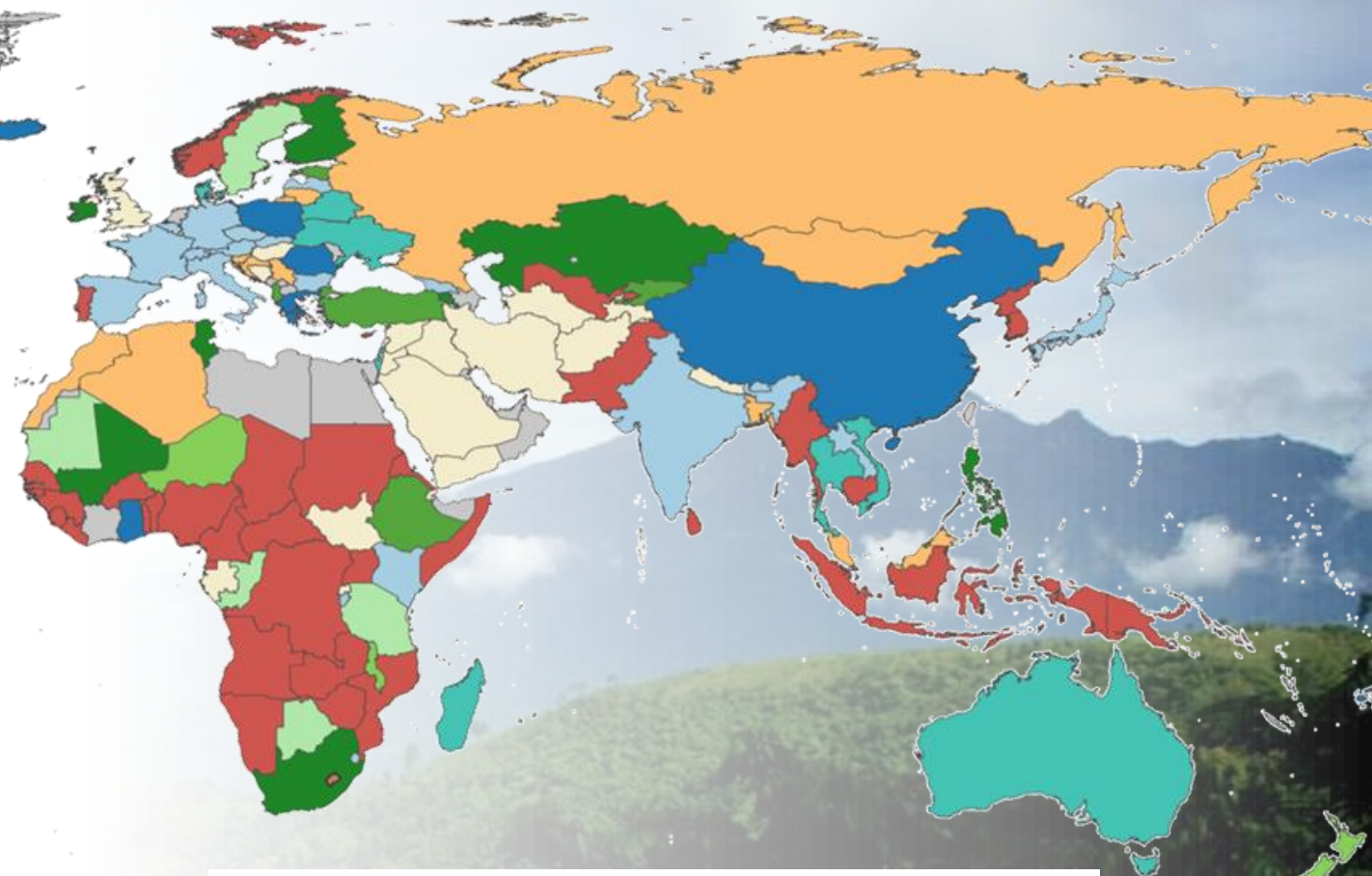
Rate of natural forest loss – comparison between the 2005-2010 and 2010- 2015 periods





FAO FRA

Rate of natural forest loss – comparison between the 2005-2010 and 2010-2015 periods



- Increase in rate of natural forest lost
- Went from net natural forest area gain to net loss
- No change in natural forest cover
- Reduction in rate of natural forest area loss < 25%
- Reduction in rate of natural forest area loss 25-50%
- Reduction in rate of natural forest area loss > 50%
- Reduction in rate of natural forest area loss > 90%
- Went from loss in natural forest area to net gain
- Natural forest gain in , slowing
- Natural forest gain, accelerating
- NoData

How do we improve from here?



1. Assess progress in
National reports

2. Assess outlook
based on national
targets

3. Identify barriers to
better national
targets

4. Identify potential
for synergies with
relevant initiatives

5. Identify needs for
the design of
implementation
measures

Secretariat's strategy to support implementation of T5 and 15



Convention on
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Table 2 – Overview of the provision of information relevant to the assessment of state and trends of natural habitats and setting of national targets under Aichi Target 5 in national reports and NBSAPs from 45 countries in Asia and Latin America and the Caribbean

		Asia (nr of countries, % of the group)		LAC (nr of countries, % of the group)	
Extent and distribution of natural ecosystems	Extent of forest	20	83%	13	59%
	Map of forest	6	25%	9	41%
	Extent of wetlands	10	42%	7	32%
	Map of wetlands	5	21%	3	14%
	Extent of other ecosystems	5	21%	5	23%
	Maps of other ecosystems	2	8%	3	14%
	Ecosystem map	9	38%	14	64%

Updated Assessment of Progress Towards selected Aichi Targets
Targets 5 And 15

TABLE OF CONTENTS	
Introduction.....	2
1 Strategy for collection and sharing information and data on status and priority actions.....	4
2 Progress under various elements of Targets 5 and 15.....	5
2.1 Target 5 – “Halve the rate of loss of natural forests and reduce it to zero where possible”.....	6
2.1.1 Indication from the FAO FRA.....	6
2.1.2 Indication through the Global Forest Change data.....	6
2.2 Target 5 – “Halve the rate of loss of natural ecosystems and reduce it to zero where possible”.....	9
2.2.1 Outlook based on available global indicators.....	15
2.2.2 Outlook based on national plans and reporting.....	15
2.2.3 Target 5 – “Significantly reduce the rate of degradation and fragmentation”.....	16
2.3 Global indicators on ecosystem degradation and fragmentation.....	19
2.3.1 Outlook based on national plans and reporting.....	20
2.3.2 Outlook based on ecosystem resilience has been enhanced through conservation and restoration, thereby contributing to climate change adaptation and to combating desertification.....	21
2.4 Target 15 - “ecosystem resilience has been enhanced through conservation and restoration, thereby contributing to climate change adaptation and to combating desertification”.....	23
2.4.1 Ecosystem-based adaptation and reporting.....	23
2.4.2 Linkages between Target 15 and the UNCCD’s goal of Land Degradation Neutrality.....	24
2.4.3 Outlook based on national plans and reporting.....	24
2.5 “The contribution of biodiversity to carbon stocks has been enhanced, through conservation and restoration, including restoration of at least 15 per cent of degraded ecosystems, thereby contributing to climate change mitigation”.....	26
2.5.1 Outlook based on national plans and reporting.....	30
2.5.2 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.3 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.4 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.5 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.6 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.7 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.8 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.9 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.10 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.11 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.12 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.13 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.14 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.15 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.16 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.17 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.18 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.19 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.20 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.21 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.22 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.23 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.24 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.25 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.26 Outlook for implementation based on international initiatives for landscape restoration.....	32
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2.5.95 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.96 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.97 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.98 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.99 Outlook for implementation based on international initiatives for landscape restoration.....	32
2.5.100 Outlook for implementation based on international initiatives for landscape restoration.....	32

Extent of forest loss	18	75%	18	82%
Map of forest loss	1	4%	7	32%
Extent of wetlands loss	2	8%	4	18%
Map of wetlands loss	0	0%	1	5%
Extent of other ecosystems loss	3	13%	5	23%
Map of other ecosystems loss	0	0%	0	0%

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What makes a target S.M.A.R.T ?

- Specific
- Measurable
- Achievable
- Realistic
- Time-bound

National Target for AT5

Rate of abatement of ecosystem loss

Target year

Specification of baseline period

Prioritization of certain ecosystems



National Target for AT15

target for the conservation of carbon in
natural ecosystem

target for the enhancement of carbon in
natural ecosystem

target area for restoration

target area for restoration includes
breakdown by ecosystem

Map of area targeted for restoration



Countries	Assessment of state and trends of ecosystems (23 elements)	Target setting T5 (5 elements)	Target setting T15 (6 elements)
Nepal			
Timor-Leste			
India			
Thailand			
Myanmar			
China			
Mongolia			
Viet Nam			
Japan			
Australia			
Bhutan			
Cambodia			
Philippines			
Lao People's Democr			
Maldives			
Republic of Korea			
Indonesia			
Bangladesh			
Papua New Guinea			
Malaysia			
Democratic People's I			
Sri Lanka			
Brunei Darussalam			
Singapore			

Regional variation in how SMART the targets are based on review of national reports and NBSAPs



National Target for AT5
Rate of abatement of ecosystem loss
Target year
Specification of baseline period
Prioritization of certain ecosystems

National Target for AT15
target for the conservation of carbon in natural ecosystem
target for the enhancement of carbon in natural ecosystem
target area for restoration
target area for restoration includes breakdown by ecosystem
Map of area targeted for restoration

Specific Measurable and Timebound T5



National Target for AT5	15	63%
Rate of abatement of ecosystem loss	1	4%
Target year	13	54%
Specification of baseline period	5	21%
Prioritization of certain ecosystems	9	38%

Maldives

By 2025 rate of loss of all natural habitats are identified and where rate of loss is high, the rate of loss is at least halved or where feasible, brought close to zero

Nepal

By 2020, the rate of forest loss and degradation will be reduced by at least 75 percent of the current rate.



Specific Measurable and Timebound T15

National Target for AT15	14	58%
Target for the conservation of carbon in natural ecosystem	0	0%
Target for the enhancement of carbon in natural ecosystem	0	0%
Target area for restoration	9	38%
Target area for restoration includes breakdown by ecosystem	0	0%
Map of area targeted for restoration	0	0%

China

By 2020, forest areas will be increased by 52,000 km² over that in 2010, and forest reserves net increased by 1.1 billion km² over that in 2010, and forest carbon sinks by 416 million tons.

By 2020, the total areas of control of degraded grasslands will exceed 1.65 million km², with grassland habitats obviously restored and grassland productivity significantly enhanced.

Indicators?



Specific Measurable and Timebound T15

National Target for AT15	14	58%
Target for the conservation of carbon in natural ecosystem	0	0%
Target for the enhancement of carbon in natural ecosystem	0	0%
Target area for restoration	9	38%
Target area for restoration includes breakdown by ecosystem	0	0%
Map of area targeted for restoration	0	0%

Myanmar

By 2020, over 130,000 hectares of forest are under community management-FD management

By 2020, participatory and integrated soil and water conservation initiatives will be implemented in at least 30 critical sub-watersheds.

By 2020, additional 5,000 ha of degraded forest will be rehabilitated through pro-poor leasehold forestry.

By 2020, the loss and degradation of Siwalik forests will be reversed or at least controlled by making it a priority of the central and local governments (i.e. DDCs, VCs)

Gross or net reduction of deforestation? (are targets 5 and 15 fungible?)

Mongolia

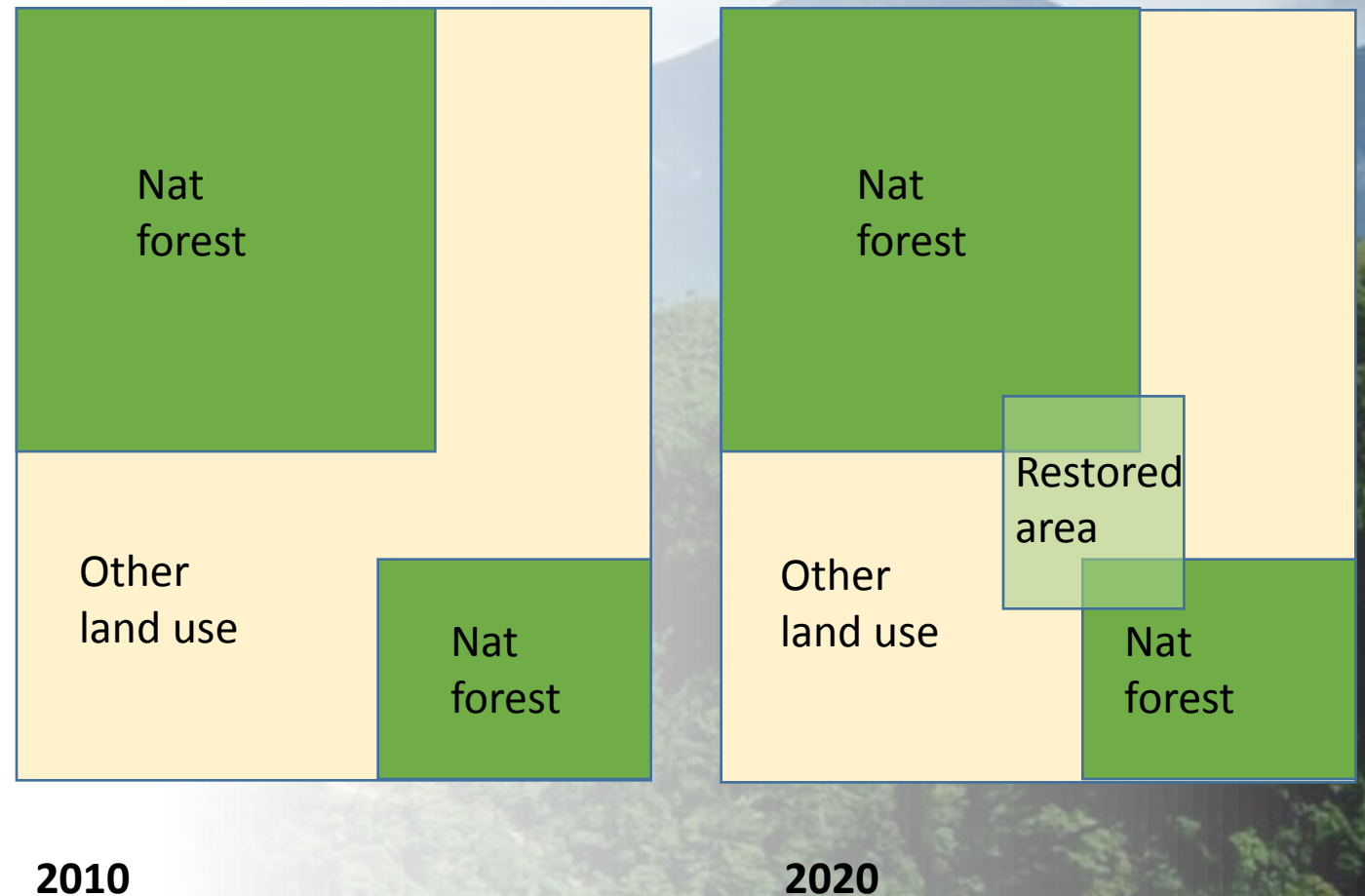
Increase forest cover to 9% by 2025 through the improvement of forest management, and thereby protect forest biodiversity

China

“ By 2015, forest coverage rate will be increased to 21.66% and forest reserves will be increased by 600 million m³ over that in 2010”

Example- from 55% to 60% forest cover

Scenario 1



Gross or net reduction of deforestation? (are targets 5 and 15 fungible?)

Mongolia

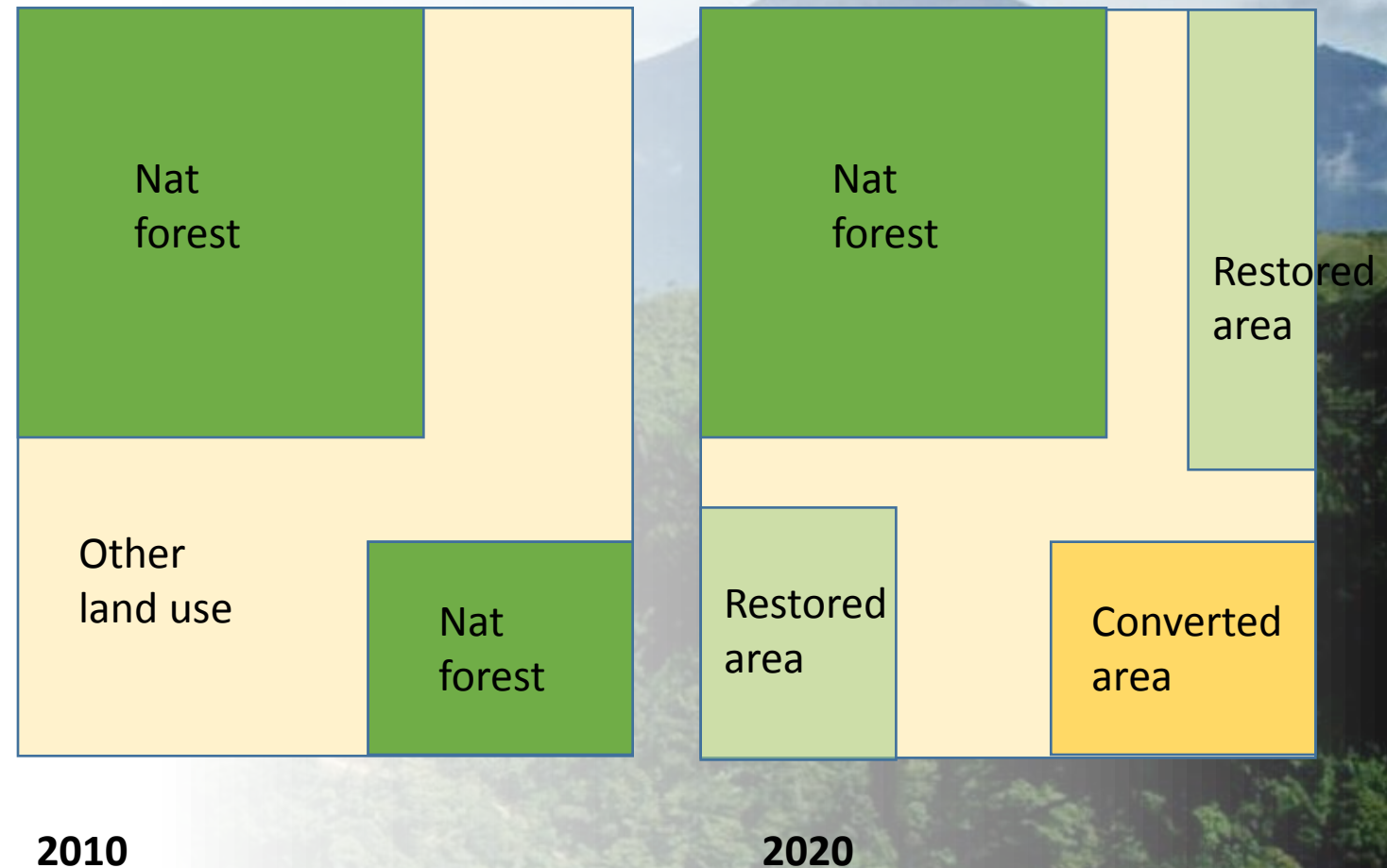
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China

“By 2015, forest coverage rate will be increased to 21.66% and forest reserves will be increased by 600 million m³ over that in 2010”

Example- from 55% to 60% forest cover

Scenario 2 – is that as good for biodiversity?



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Regional workshops

- LAC – Bogota, April 2016
- Asia – Bangkok, June 2016
- ...

Individual country files Input to 6th national reports



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UN-REDD
PROGRAMME



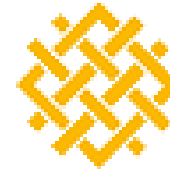
Food and Agriculture
Organization of the
United Nations



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Resilient nations.



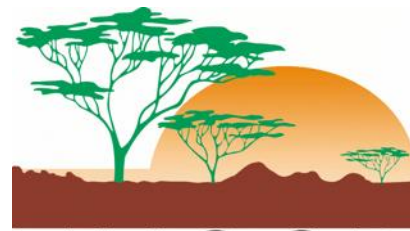
INDCs
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WORLD
RESOURCES
INSTITUTE



THE GLOBAL
PARTNERSHIP
ON FOREST
LANDSCAPE
RESTORATION



UNCCD

Land
Neutral
Degradation



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Medidas relacionadas al marco legal y clarificación y aplicación	Implementada con éxito	Tomada pero aun para implementarse	Implementada pero con desafíos	No tomada y se requiere apoyo	No relevante
Marco legal y política clara para el uso de la tierra	18%	27%	27%	27%	0%
Actividades para aplicar leyes y reglamentos	36%	9%	45%	9%	0%
Participación y apoyo a comunidades indígenas y locales, propietarios de tierras	43%	0%	29%	29%	0%
Reducción del acceso a materias primas extraídas ilegalmente	20%	10%	70%	0%	0%
Reforzamiento de la efectividad de las áreas protegidas	50%	10%	30%	10%	0%
Medidas basadas en mecanismos económicos					
Incentivos para el sector privado y otros actores económicos	30%	20%	20%	30%	0%
Aumento sostenible en la productividad agrícola y para la reducción en la demanda de	9%	9%	0%	82%	0%
Instrumentos de mercado tales como la banca de ecosistemas, pagos por servicios de	9%	18%	9%	64%	0%



Questionnaire prior to the workshop on Targets 5 and 15

* Required

What is the name of your country ? *

Please describe your position in government or in another organisation *

Continue »

20% completed



Thank you!

catalina.santamaria@cbd.int
blaise.bodin.consultant@cbd.int



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