Overview of progress and support to the implementation of Aichi Targets 5 and 15
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
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)
Average annual rate of change in natural forest area per country between 2010 and 2015
Rate of natural forest loss – comparison between the 2005-2010 and 2010-2015 periods
Rate of natural forest loss – comparison between the 2005-2010 and 2010-2015 periods
How do we improve from here?
Secretariat’s strategy to support implementation of T5 and 15

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
1. Assess progress in National reports

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

<table>
<thead>
<tr>
<th>Status of forest loss</th>
<th>Asia (nr of countries, % of the group)</th>
<th>LAC (nr of countries, % of the group)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status of forest loss</td>
<td>18 75%</td>
<td>18 82%</td>
</tr>
<tr>
<td>Status of forest loss</td>
<td>1 4%</td>
<td>7 32%</td>
</tr>
<tr>
<td>Status of wetlands loss</td>
<td>2 8%</td>
<td>4 18%</td>
</tr>
<tr>
<td>Status of wetlands loss</td>
<td>0 0%</td>
<td>1 5%</td>
</tr>
<tr>
<td>Status of other ecosystems loss</td>
<td>3 13%</td>
<td>5 23%</td>
</tr>
<tr>
<td>Explicit information on ecosystem loss</td>
<td>0 0%</td>
<td>0 0%</td>
</tr>
</tbody>
</table>
1. Assess progress in National reports

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

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

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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
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

<table>
<thead>
<tr>
<th>National Target for AT5</th>
<th>15</th>
<th>63%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate of abatement of ecosystem loss</td>
<td>1</td>
<td>4%</td>
</tr>
<tr>
<td>Target year</td>
<td>13</td>
<td>54%</td>
</tr>
<tr>
<td>Specification of baseline period</td>
<td>5</td>
<td>21%</td>
</tr>
<tr>
<td>Prioritization of certain ecosystems</td>
<td>9</td>
<td>38%</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Target</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Target for AT15</td>
<td>14</td>
<td>58%</td>
</tr>
<tr>
<td>Target for the conservation of carbon in natural ecosystem</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
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<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Map of area targeted for restoration</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Target Description</th>
<th>Year</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
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<td>National Target for AT15</td>
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<td>0%</td>
</tr>
<tr>
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<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

**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”
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 2 – is that as good for biodiversity?
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Regional workshops
- LAC – Bogota, April 2016
- Asia – Bangkok, June 2016
  ...
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CRITERIA, SAFEGUARDS, METHODOLOGIES

INDCs
REDD+

Land Neutral Degradation
1. Assess progress in National reports

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### Medidas relacionadas al marco legal y clarificacion y aplicacion

<table>
<thead>
<tr>
<th>Medida</th>
<th>Implementada con éxito</th>
<th>Tomada pero aun para implementarse</th>
<th>Implementada pero con desafíos</th>
<th>No tomada y se requiere apoyo</th>
<th>No relevante</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marco legal y política clara para el uso de la tierra</td>
<td>18%</td>
<td>27%</td>
<td>27%</td>
<td>27%</td>
<td>0%</td>
</tr>
<tr>
<td>Actividades para aplicar leyes y reglamentos</td>
<td>36%</td>
<td>9%</td>
<td>45%</td>
<td>9%</td>
<td>0%</td>
</tr>
<tr>
<td>Participacion y apoyo a comunidades indígenas y locales, propietarios de tierra</td>
<td>43%</td>
<td>0%</td>
<td>29%</td>
<td>29%</td>
<td>0%</td>
</tr>
<tr>
<td>Reduccion del acceso a materias primas extraídas ilegalmente</td>
<td>20%</td>
<td>10%</td>
<td>70%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Reforzamiento de la efectividad de las áreas protegidas</td>
<td>50%</td>
<td>10%</td>
<td>30%</td>
<td>10%</td>
<td>0%</td>
</tr>
</tbody>
</table>

### Medidas basadas en mecanismos economicos

<table>
<thead>
<tr>
<th>Medida</th>
<th>Implementada con éxito</th>
<th>Tomada pero aun para implementarse</th>
<th>Implementada pero con desafíos</th>
<th>No tomada y se requiere apoyo</th>
<th>No relevante</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incentivos para el sector privado y otros actores economicos</td>
<td>30%</td>
<td>20%</td>
<td>20%</td>
<td>30%</td>
<td>0%</td>
</tr>
<tr>
<td>Aumento sostenible en la productividad agricola y para la reduccion en la demanda de</td>
<td>9%</td>
<td>9%</td>
<td>0%</td>
<td>82%</td>
<td>0%</td>
</tr>
<tr>
<td>Instrumentos de mercado tales como la banca de ecosistemas, pagos por servicios de</td>
<td>9%</td>
<td>18%</td>
<td>9%</td>
<td>64%</td>
<td>0%</td>
</tr>
</tbody>
</table>

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!

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blaise.bodin.consultant@cbd.int