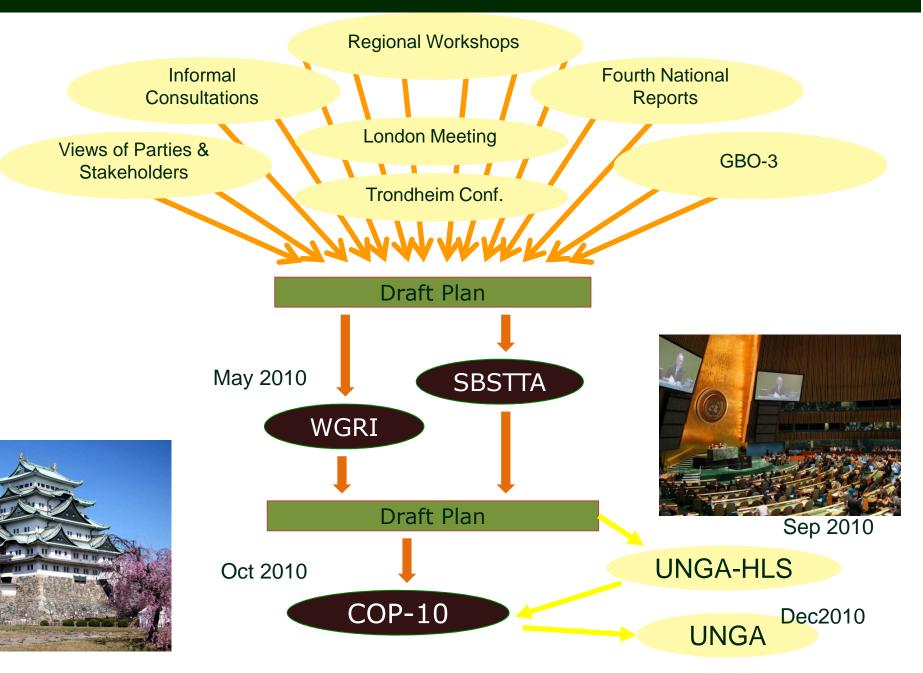
The Strategic Plan for Biodiversity 2011/2020 and indicators for tracking implementation progress

David Duthie, CBD Secretariat david.duthie@cbd.int

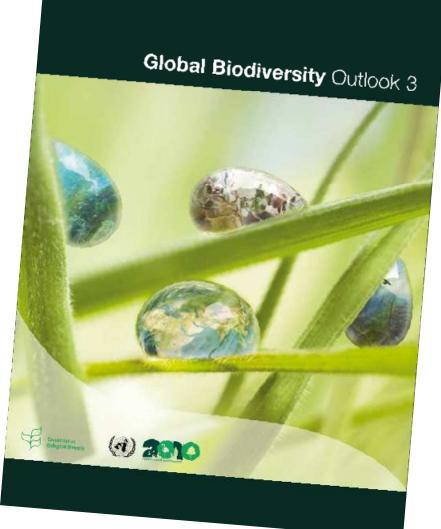




An inclusive preparatory process

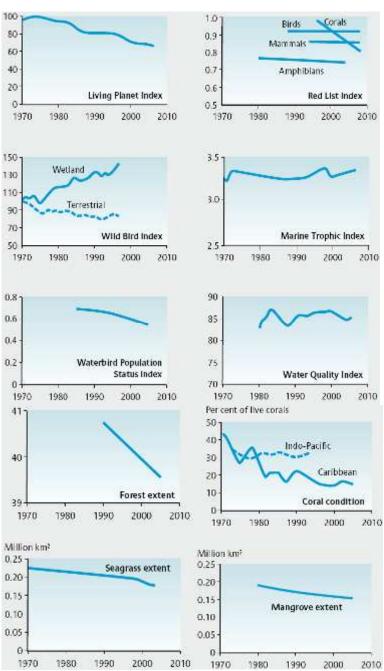




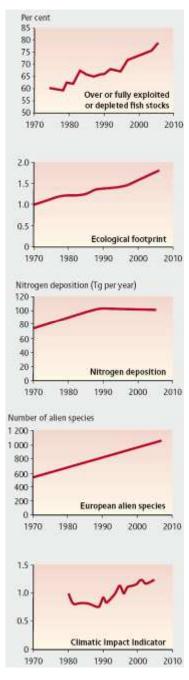




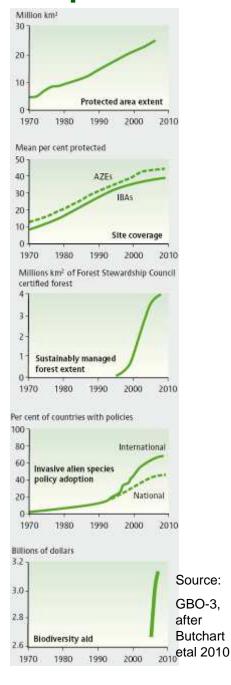
State



Pressure



Response



Strategic Plan for Biodiversity 2011-2020

Framework for **all** biodiversity-related Conventions and other stakeholders.

Vision: Living in harmony with nature. By **2050**, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people.

Mission Take **effective and urgent** action to halt the loss of biodiversity in order to ensure that by **2020** ecosystems are resilient and continue to provide essential services, thereby securing the planet's variety of life, and contributing to human well-being, and poverty eradication.

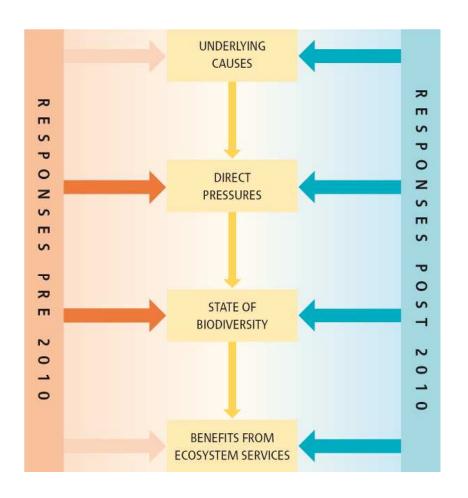
20 Aichi Biodiversity Targets

Implementation mechanisms





Strategic Goals



- A. Address the **underlying causes** of biodiversity loss (mainstreaming)
- A. Reduce the **direct pressures** and promote sustainable use
- A. **Directly safeguard** ecosystems, species and genetic diversity
- B. Enhance the **benefits** to all from biodiversity and ecosystem services



E. Enhance implementation through participatory planning, knowledge management and capacity building



Aichi Nagoya Targets

Strategic goal A. Address the underlying causes of biodiversity loss

- Target 1: By 2020, People are aware of the values of biodiversity and the steps they can take to conserve and use it sustainably.
- Target 2: By 2020, biodiversity values are integrated into national and local development and poverty reduction strategies and planning processes and national accounts ...
- Target 3: By 2020, incentives, including subsidies, harmful to biodiversity are eliminated, phased out or reformed
- Target 4: By 2020, Governments, business and stakeholders have plans for sustainable production and consumption and keep the impacts resource use within safe ecological limits.

Strategic goal B. Reduce the direct pressures on biodiversity and promote sustainable use

- Target 5: 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.
- Target 6: By 2020 all stocks managed and harvested sustainably, so that overfishing is avoided
- Target 7: By 2020 areas under agriculture, aquaculture and forestry are managed sustainably, ensuring conservation of biodiversity.
- Target 8: By 2020, pollution, including from excess nutrients, has been brought to levels that are not detrimental to ecosystem function and biodiversity.
- Target 9: By 2020, invasive alien species and pathways are identified and prioritized, priority species are controlled or eradicated, and measures are in place to manage pathways to prevent their introduction and establishment.
- Target 10: By 2015, the multiple anthropogenic pressures on coral reefs, and other vulnerable ecosystems impacted by climate change or ocean acidification are minimized, so as to maintain their integrity and functioning.

Strategic goal C: To improve the status of biodiversity by safeguarding ecosystems, species and genetic diversity

- Target 11: By 2020, at least 17 per cent of terrestrial and inland water, and 10 per cent of coastal and marine areas are conserved through systems of protected areas......
- Target 12: By 2020 the extinction of known threatened species has been prevented and their conservation status, particularly of those most in decline, has been improved and sustained.
- Target 13: By 2020, the genetic diversity of cultivated plants and farmed and domesticated animals and of wild relatives is maintained,

Strategic goal D: Enhance the benefits to all from biodiversity and ecosystem services

- Target 14: By 2020, ecosystems that provide essential services, including services are restored and safeguarded,
- Target 15: 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,
- Target 16: By 2015, the Nagoya Protocol on Access and Benefits Sharing is in force and operational

Strategic goal E. Enhance implementation through participatory planning, knowledge management and capacity building

- Target 17: By 2015 each Party has developed, adopted as a policy instrument, and has commenced implementing an effective, participatory and updated NBSAP.
- Target 18: By 2020, the traditional knowledge, innovations and practices of indigenous and local communities and their customary use, are respected.
- Target 19: By 2020, knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved, widely shared and transferred, and applied.
- Target 20: By 2020, the mobilization of financial resources for effectively implementing the Strategic Plan for Biodiversity 2011-2020 from all sources,, should increase substantially.

Framework for assessing progress towards the 2010 target

| Focal Areas | Goals 21 Targets | |
|--|------------------|------------|
| PROTECT THE COMPONENTS OF BIODIVERSITY | 1 2 3 | |
| SUSTAINABLE USE | 4 | |
| ADDRESS THREATS TO BIODIVERSITY | 5 6 7 | Indicators |
| ECOSYSTEM SERVICES | 8 | |
| TRADITIONAL KNOWLEDGE | 9 | |
| ACCESS AND BENEFIT-SHARING | 10 | |
| RESOURCES FOR CBD | 11 | |

COP 10 Commitments by Parties

- To develop national targets and report to COP-11;
- To review, update revise NBSAPs and report to COP-11 and/or COP12;
- To use NBSAPs as effective instruments for mainstreaming biodiversity;
- To **share data, develop indicators and measures**, and undertake regular and timely assessments of biodiversity and ecosystem services;
- To monitor and review implementation of NBSAPs;
- Recognise that adequate financial resources and transfer of technology are critical to enable implementation.





ToR for Indicators AHTEG (decision X/7)

- Advice on the **further development of indicators** already agreed through decisions VII/30 and VIII/15;
- **Suggest additional indicators** that have been, or could be, developed, where necessary, to constitute a coherent framework designed to assess progress towards targets of the Strategic Plan for Biodiversity 2011-2020;
- Develop further guidance and propose options for the establishment of mechanisms to support Parties in their efforts to develop national indicators;
- Provide **advice on the strengthening of linkages** between global and national indicator development and reporting.





Outcomes of AHTEG

Indicator framework consisting of:

- **12 Headline** indicators addressing the issues of the 20 Aichi targets (broad themes)
- 22 Operational indicators that are ready for use globally (Category A)
- Additional indicators that should be developed at global level as a priority (Category B)
- A larger number of indicators for consideration at subglobal (i.e. national, state, province, sub-regional) level (Category C)





Strategic Goal B: Reduce the direct pressures on biodiversity and promote sustainable use

Target 5 - 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.

Trends in extent, condition and vulnerability of ecosystems, biomes and habitats (H)

- Extinction risk trends of habitat dependent species in each major habitat type (A)
- Trends in extent of selected biomes, ecosystems and habitats (A) (decision VII/30 and VIII/15)
- Trends in proportion of degraded/threatened habitats
 (B)
- Trends in fragmentation of natural habitats (B) (decision VII/30 and VIII/15)
- Trends in condition and vulnerability of ecosystems (C)
- Trends in the proportion of natural habitats converted
 (C)

Trends in pressures from unsustainable agriculture, forestry, fisheries and aquaculture (H)

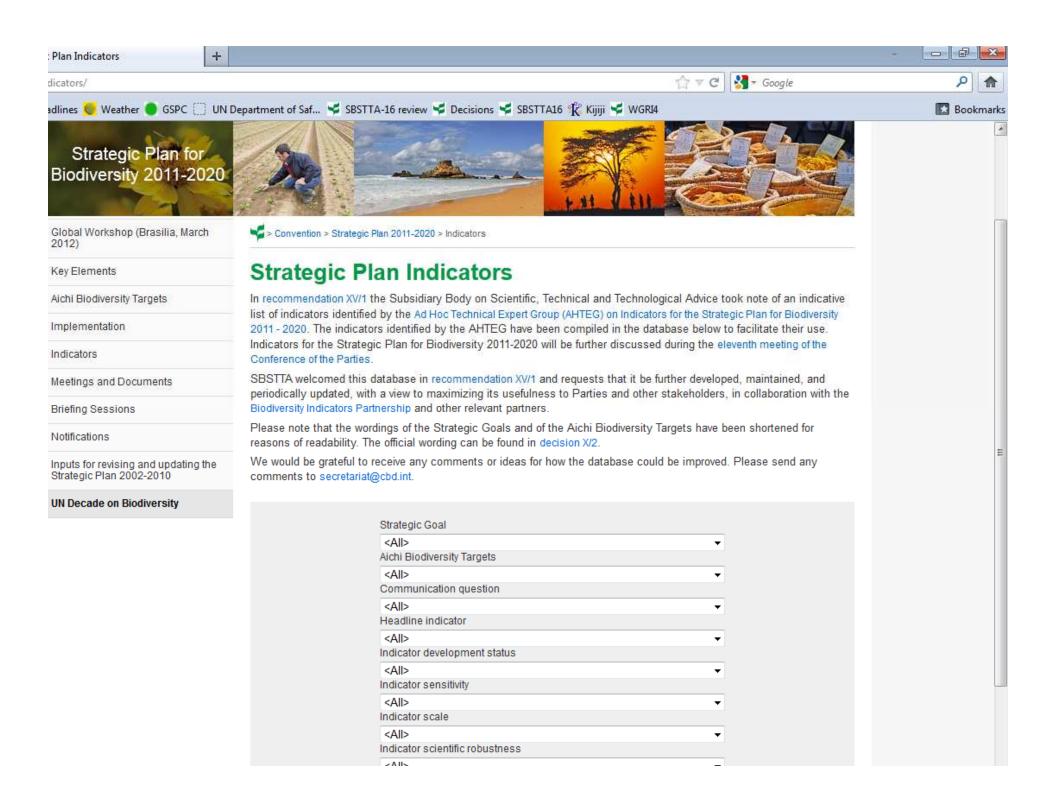
- Trends in primary productivity (C)
- Trends in proportion of land affected by desertification
 (C) (also used by UNCCD)

Trends in pressures from habitat conversion, pollution, invasive species, climate change, overexploitation and underlying drivers (H)

Population trends of habitat dependent species in each major habitat type (A)

 Signature (A)





SBSTTA-15 recommendations (1)

- COP11 to take note of the indicative list of indicators;
- Recognition that Aichi Biodiversity Targets and proposed indicator framework provide a flexible basis for Parties which **can** be adapted, taking into account different national circumstances and capabilities;
- Parties **urged** to prioritize the application at the national level of those indicators that are ready for use at the global level where feasible and appropriate;





SBSTTA-15 recommendations (2)

- Parties **urged** to consider using the flexible framework and the indicative list of indicators in their updated national biodiversity strategies and action plans and in reporting, including through the 5NR;
- Parties **encouraged** to contribute to, update, verify and maintain relevant national data in **regional and global data sets** as a contribution to optimize and coordinate the production of indicators for monitoring and reporting at various scales and to promote the public availability of the data;





SBSTTA-15 recommendations (3)

- COP to recognize the need to strengthen technical and institutional capacities and to mobilize adequate financial resources for the development and application of indicators;
- COP to **request** the Executive Secretary, in collaboration with the **Biodiversity Indicators Partnership**, regional centres of excellence, and others, to:
 - Compile technical guidance materials for capacitybuilding;
 - > Include capacity-building on the indicators framework in regional workshops.



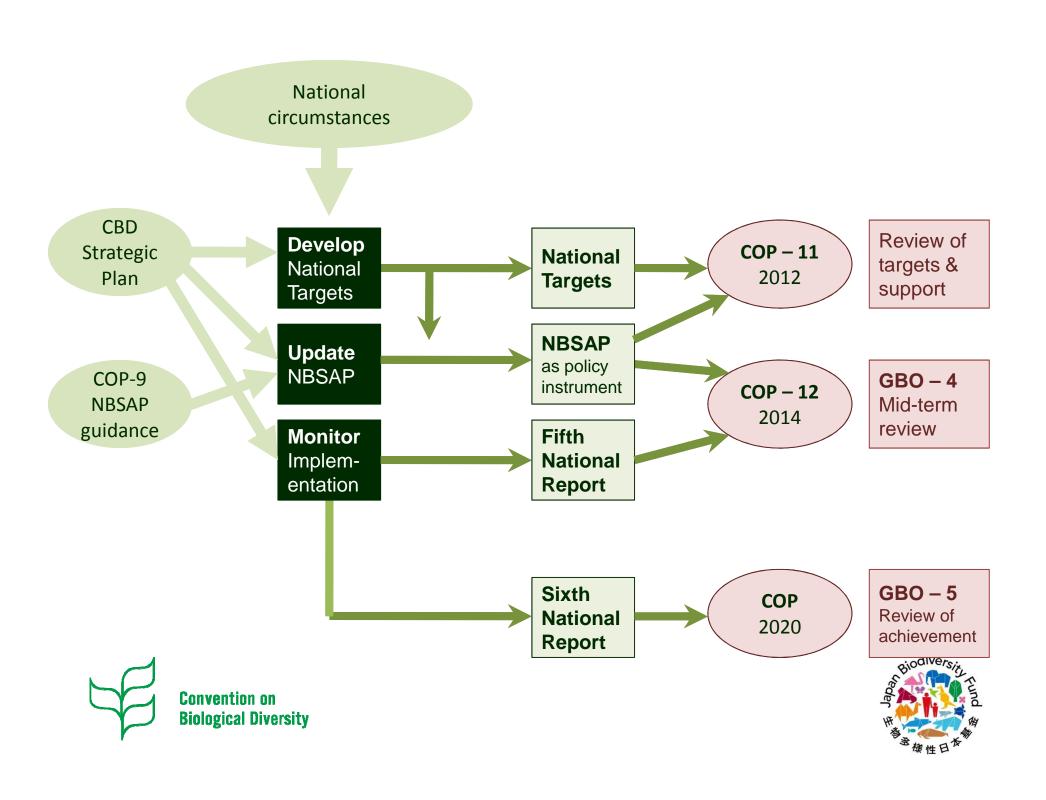


SBSTTA-15 recommendation (4)

- COP to request the Executive Secretary to:
 - Further develop and maintain the online database on indicators http://www.cbd.int/sp/indicators/;
 - Assist Parties, especially those with limited resources and capacities and/or not yet using systematically produced indicators in their official reports and, at their request, to initially establish and apply a few simple, cost-effective and easily applicable indicators for priority issues;
 - plus more....







Secretariat of the Convention on Biological Diversity

World Trade Centre
413 St. Jacques street, Suite 800
Montreal, Quebec, Canada H2Y 1N9
Tel. 1 (514) 288 2220
secretariat@cbd.int
www.cbd.int







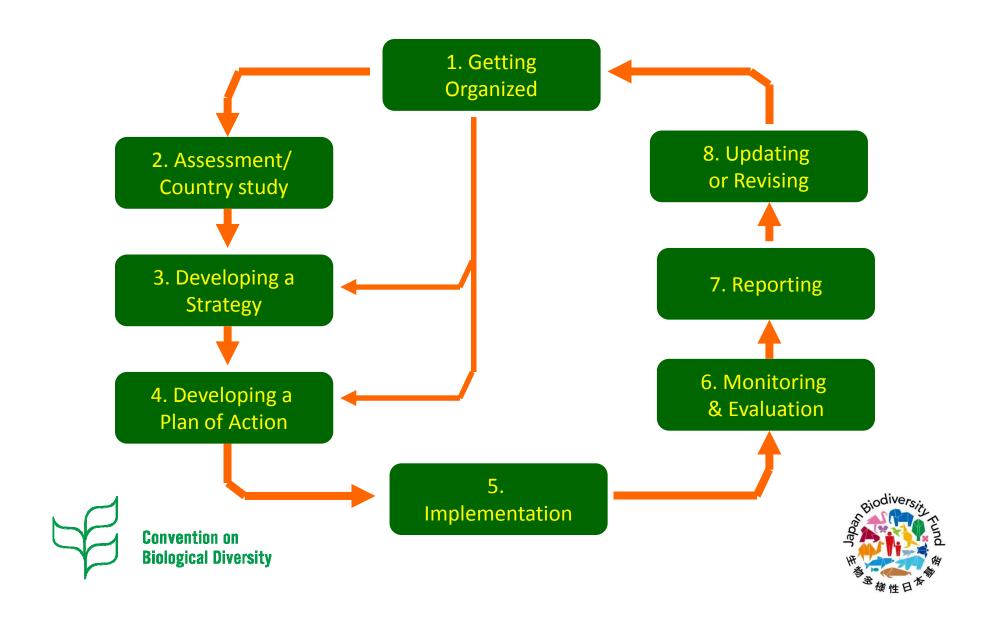
Updating and Implementing NBSAPs

A quick review of national progress in South Asia





Steps in the Biodiversity Planning Process



| Cluster | Component |
|--|--|
| I Preparation | 1. Rapid stocktaking and review of relevant plans, policies and reports |
| | 2. Identifying stakeholders; consultations; and awareness |
| | 3. Supplementary studies (eg. the causes and consequences of biodiversity loss highlighting the value of biodiversity and ecosystem services and their contribution to Human well-being) |
| II. Setting national priorities and targets | 4. Setting national targets, principles, & main priorities of the strategy though national consultation |
| III. Developing the strategy and action plan | 5. Developing the strategy and actions to implement the agreed targets though national consultations |
| | 6. Addressing the application and implementation of the NBSAP at sub-national levels through consultations with sub-national and local authorities |
| | 7. Sectoral integration including mainstreaming into development, poverty reduction and climate change plans through sectoral consultations |
| IV. Development of Implementation plans and related | 9. Developing a plan for capacity development for NBSAP implementation. |
| | 10. Conducting a Technology needs assessment |
| | alternative: developing a plan for increasing technical capacity. |
| | 11. Developing a communication and outreach strategy for the NBSAP. |
| | 12. Developing a plan for resource mobilization for NBSAP implementation |
| V. Institutional, monitoring, reporting and exchange | 13. Establishing/ strengthening of national coordination structures |
| | 14. CHM development. |
| | 15. Development of indicators and monitoring approach |
| | 16. Fifth national reports |
| VI. Adoption by the government | 17. Adoption |

| Main Section | Chapter or Sub-section |
|--|--|
| I Introduction (setting the scene and providing the rationale) | 1. Values of biodiversity and ecosystem services in the country and their contribution to Human well-being |
| | 2. Causes and consequences of biodiversity loss |
| | 3. Constitutional, legal and institutional framework |
| | 4. Lessons learned from the earlier NBSAP(s) and the process of developing the updated NBSAP. |
| National Biodiversity Strategy | 5. Long term vision |
| | 6. Principles governing the strategy |
| | 7. Main goals or priority areas |
| | 8. National Targets (SMART) |
| III. National Biodiversity Action Plan | 9. National actions to achieve the strategy, with milestones |
| | 10. Application of the NBSAP to sub-national entities |
| | 11. Sectoral Action - mainstreaming into development, poverty reduction and climate change plans |
| IV. Implementation plans | 12. Plan for capacity development for NBSAP implementation, including a technology needs assessment |
| | 13. Communication and outreach strategy for the NBSAP. |
| | 14. Plan for resource mobilization for NBSAP implementation |
| V. Institutional, monitoring and reporting. | 15. National Coordination Structures |
| | 16. Clearing House Mechanism |
| | 17. Monitoring and Evaluation |