Aichi Biodiversity Targets 2011 - 2020 · 5 Strategic Goals · 20 Targets	EU Biodiversity Strategy to 2020 - COM(2011) 244 - 6 Targets - 20 Actions	Belgium's updated NBS -15 Strategic Objectives - 85 Operational Objectives
Possible means, milestones and CBD indicators for the Aichi targets of the Strategic Plan 2011-2020 are containted in document UNEP/CBD/COP/27/Add1 (19/12/2010) (p. 11-20) http://www.cbd.int/doc/mee- tings/cop/cop-10/official/cop-10-27-add1-en.pdf	Chapter 9.4 of the Impact assessment of the COM contains few milestones (p. 82). Annex 15 to the Annexe to the Impact Assessment contains a list of relevant SEBI indicators for the targets (p. 68) http://ec.europa.eu/environment/nature/biodiversity/comm2006/2020.htm	Document of the Strategy in EN/ FR/NL/DE http://www.biodiv.be/implementation/docs/stratact- plan Milestones and strategic indicators yet to be developed (SM1)
Vision	2050 Vision	Vision to 2050
The vision of this Strategic Plan is a world of "Living in harmony with nature" where "By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people."	By 2050, European Union biodiversity and the ecosystem services it provides — its natural capital — are protected, valued and appropriately restored for biodiversity's intrinsic value and for their essential contribution to human wellbeing and economic prosperity, and so that catastrophic changes caused by the loss of biodiversity are avoided.	By 2050, our Biodiversity and the ecosystem services it provides - our natural capital - are valued, conserved, appropriately restored and wisely used for their intrinsic value and for their essential contribution to human well-being and economic prosperity, and so that catastrophic changes caused by the loss of biodiversity are avoided
Mission	2020 headline target	General objective of the Strategy until 2020
The mission of the Strategic Plan is to "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. To ensure	Halting the loss of biodiversity and the degradation of ecosystem services in the EU by 2020, and restoring them in so far as feasible, while stepping up the EU contribution to averting global biodiversity loss.	The general objective of the Strategy is to contribute nationally and internationally to the achievement of the 2020 target of halting the loss of biodiversity and the degradation of ecosystem services, and restoring them in so far as feasible, while stepping up our contribution to averting global biodiversity loss
this, pressures on biodiversity are reduced, ecosys- tems are restored, biological resources are sustainably used and benefits arising out of utilization of genetic		Guiding principles for interpretation and implementation:
resources are shared in a fair and equitable manner; adequate financial resources are provided, capacities are enhanced, biodiversity issues and values mainstreamed, appropriate policies are effectively implemented,		1. Principle of preventive action; 2. Precautionary principle; 3. Polluter Pays principle; 4. Public participation and public access to information and justice in environmental matters; 5. Good governance; 6. Sectoral inte-

and decision-making is based on sound science and the

precautionary approach."

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gration; 7. Ecosystem approach; 8. Ecological networks;

9. Subsidiarity principle; 10. Compensation principle

- · Strategic Goal A: Address the underlying causes of biodiversity loss by mainstreaming biodiversity across government and society
- $\cdot\,\,$ Strategic Goal B: Reduce the direct pressures on biodiversity and promote sustainable use
- Strategic Goal C: To improve the status of biodiversity by safeguarding ecosystems, species and genetic diversity
- · Strategic Goal D: Enhance the benefits to all from biodiversity and ecosystem services
- Strategic Goal E: Enhance implementation through participatory planning, knowledge management and capacity building

- EU Target 1 Fully implement the Birds and Habitats Directives
- $\cdot\;$ EU Target 2 Maintaining and enhancing ecosystems and their services
- EU Target 3 Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity
- $\cdot\;$ EU Target 4 Ensure the sustainable use of fisheries resources
- EU Target 5 Combat invasive alien species
- · EU Target 6 Help avert global biodiversity crisis

NBS 15 Strategic Objectives and 85 Operational objectives listed in ascending order of their international dimension; no priority ranking.



	Aichi Target 1 - By 2020, at the latest, people are aware of the values of biodiversity and the steps they can take to conserve and use it sustainably.	EU T1 - Fully implement the Birds and Habitats Directives EU Target 1 - To halt the deterioration in the status of all species and habitats covered by EU nature legislation and achieve a significant and measurable improvement in their status so that, by 2020, compared to current assessments: (i) 100 % more habitat assessments and 50 % more species assessments under the Habitats Directive show an improved conservation status; and (ii) 50 % more species assessments under the Birds Directive show a secure or improved status.	Op.obj 4c.2 Enhance and encourage the role of farmers as biodiversity actors Op.obj 4c.4 Promote the integration of biodiversity into rural development Op.obj 4d.1 Promote the implementation of good fishing practices in the North Sea, favourable to fish protection and their habitats, including the implementation of the Common Fishery Policy Op.obj 4f.1 Promote the conservation of forest biodiversity through independent credible forest certification systems that provide a guarantee for sustainable forest management Op.obj 4g.1 Promote integrated management of hunting grounds in cooperation with farmers, foresters and environmental NGOs and the application of good hunting practices Op.obj 4g.2 Promote the involvement of hunters as biodiversity actors Op.obj 5.3 Ensure that this Strategy is taken into account in decision-making and policy discussions and encourage the development and use of guidelines for the integration of biodiversity into all relevant sectoral policies Obj 8. Involve the community through communication, education, public awareness and training (all operatio-
enn _{mmunu}			op.obj 9.3. Ensure full compliance with and enforcement of the environmental liability regime (i.e. Directive 2004/35 CE on environmental liability) towards biodiversity offences
	Aichi Target 2 - By 2020, at the latest, biodiversity values have been integrated into national and local	EU T2 - Maintaining and enhancing ecosystems and their services	Obj 5. Improve the integration of biodiversity concerns into all relevant sectoral policies.
1111111111111	development and poverty reduction strategies and planning processes and are being incorporated into national accounting, as appropriate, and reporting systems.	EU Target 2 - By 2020, ecosystems and their services are maintained and enhanced by establishing green infrastructure and restoring at least 15 % of degraded ecosystems. EU T6 - Help avert global biodiversity crisis	Op. obj 5.11 Integrate biodiversity values into national (federal and regional) policies, programmes, planning processes and reporting systems, and develop an approach to support incorporation into national accounting if needed.
		EU Target 6 - By 2020, the EU has stepped up its contribution to averting global biodiversity loss.	
139			

Aichi Target 3 - By 2020, at the latest, incentives, including subsidies, harmful to biodiversity are eliminated, phased out or reformed in order to minimize or avoid negative impacts, and positive incentives for the conservation and sustainable use of biodiversity are developed and applied, consistent and in harmony with the Convention and other relevant international obligations, taking into account national socio economic conditions.

EU T3 - Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity

EU Target 3 A) - Agriculture: By 2020, maximise areas under agriculture across grasslands, arable land and permanent crops that are covered by biodiversity-related measures under the CAP so as to ensure the conservation of biodiversity and to bring about a measurable improvement in the conservation status of species and habitats that depend on or are affected by agriculture and in the provision of ecosystem services as compared to the EU2010 Baseline, thus contributing to enhance sustainable management.

EU Target 3 B) - Forests: By 2020, Forest Management Plans or equivalent instruments, in line with Sustainable Forest Management (SFM)30, are in place for all forests that are publicly owned and for forest holdings above a certain size (to be defined by the Member States or regions and communicated in their Rural Development Programmes) that receive funding under the EU Rural Development Policy so as to bring about a measurable improvement in the conservation status of species and habitats that depend on or are affected by forestry and in the provision of related ecosystem services as compared to the EU 2010 Baseline.

EU T4 - Ensure the sustainable use of fisheries resources

EU Target 4 -Achieve Maximum Sustainable Yield (MSY) by 2015. Achieve a population age and size distribution indicative of a healthy stock, through fisheries management with no significant adverse impacts on other stocks, species and ecosystems, in support of achieving Good Environmental Status by 2020, as required under the Marine Strategy Framework Directive.

EU T6 - Help avert global biodiversity crisis (See above, Aichi Target 2)

Obj 4: Ensure and promote the sustainable use of components of biodiversity.

Several operational objectives are relevant, in particular:

Op.obj 4a.1. Identify and promote good practices involving the sustainable use of biodiversity

Op.obj 4b.1 Avoid or minimise the risk to biodiversity posed by production and consumption, products and services

Op.obj 4b.2 Adopt biodiversity criteria in public procurement policies to prevent biodiversity loss

Op.obj 4g.1 Promote integrated management of hunting grounds in cooperation with farmers, foresters and environmental NGOs and the application of good hunting practices

Op.obj 5.5 Eliminate, phase out or reform incentives, including subsidies, harmful to biodiversity in order to minimize or avoid negative impacts on biodiversity and encourage the development and application of incentives favourable to the conservation and sustainable use of biodiversity, including economic, fiscal and financial instruments

	Aichi Target 4 - By 2020, at the latest, Governments, business and stakeholders at all levels have taken steps to achieve or have implemented plans for sustainable production and consumption and have kept the impacts of use of natural resources well within safe ecological limits.	EU T3 - Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity (See above, Aichi Target 3) EU T4 - Ensure the sustainable use of fisheries resources (See above, Aichi Target 3) EU T6 - Help avert global biodiversity crisis (See above, Aichi Target 2)	Op.obj 2.3 Investigate the potential impact on biodiversity of the internal trade (legal and illegal) of live animals and plants at a Belgian level and potentially adapt relevant regulations, including market regulation when appropriate Obj 4: Ensure and promote the sustainable use of components of biodiversity (including the 23 operational objectives under obj. 4) Op.obj 5.1 Promote and support stakeholders involvement inter alia through partnerships at all levels of decision-making relating to biodiversity
anullio.			Op.obj 5.3 Ensure that this Strategy is taken into account in decision-making and policy discussions and encourage the development and use of guidelines for the integration of biodiversity into all relevant sectoral policies
William W.	Aichi Target 5 - By 2020, the rate of loss of all natural habitats, including forests, is at least halved and where	EU T1 - Fully implement the Birds and Habitats Directives (See above, Aichi Target 1)	Op.obj 1.2. Identify and monitor priority species, habitats, genetic and functional components of biodiversity
	feasible brought close to zero, and degradation and fragmentation is significantly reduced.	EU T2 - Maintaining and enhancing ecosystems and their services (See above, Aichi Target 2)	Obj 3: Maintain or restore biodiversity and ecosystem services in Belgium to a favourable conservation status (all operational objectives)
Zummannan	Aichi Target 6 - By 2020 all fish and invertebrate stocks and aquatic plants are managed and harvested sustainably, legally and applying ecosystem based approaches,	EU T2 - Maintaining and enhancing ecosystems and their services (See above, Aichi Target 2) EU T4 - Ensure the sustainable use of fisheries resources	Op.obj 4b.1. Avoid or minimise the risk to biodiversity posed by production and consumption, products and services
	so that overfishing is avoided, recovery plans and mea- sures are in place for all depleted species, fisheries have no significant adverse impacts on threatened species and vulnerable ecosystems and the impacts of fisheries	(See above, Aichi Target 3)	Op.obj 4c.1 Promote measures favourable to bio- diversity under the implementation of the Common Agricultural Policy
	on stocks, species and ecosystems are within safe ecolo-		Op.obj 4d Fishery in marine and inland waters
HIIIIIIIIIIIII	gical limits.		Op.obj 4d.1 Promote the implementation of good fishing practices in the North Sea, favourable to fish protection and their habitats, including the implementation of the Common Fishery Policy
			Op.obj 4d.2 Ensure that recreational and sport fishing practices at sea and inland waters respond to ecological management objectives to avoid adverse impacts on biodiversity
141			Op.obj 4d.3 Prevent GM fish from threatening marine and freshwater biodiversity and populations
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Aichi Target 7 - By 2020 areas under agriculture, aquaculture and forestry are managed sustainably, ensuring conservation of biodiversity.	EU T2 - Maintaining and enhancing ecosystems and their services (See above, Aichi Target 2) EU T3 - Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity (See above, Aichi Target 3)	Obj 4: Ensure and promote the sustainable use of components of biodiversity (includes objectives on agriculture, forestry, fishery in marine and inland waters) Op.obj 5.3 Ensure that this Strategy is taken into account in decision-making and policy discussions and encourage the development and use of guidelines for the integration of biodiversity into all relevant sectoral policies Op.obj 11.6. Contribute to the creation of an enabling environment for biodiversity in partner countries, based on national priorities, in particular in support of the development of National Protected Area programmes, National Forest Programmes, integrated coastal and marine programmes, or other equivalent instruments, as well as their integration into relevant policy instruments
Aichi Target 8 - By 2020, pollution, including from excess nutrients, has been brought to levels that are not detrimental to ecosystem function and biodiversity.	EU T3 - Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity (See above, Aichi Target 3)	Op.obj 3.6 Take measures to minimise the impact of the identified processes and activities threatening biodiversity and ecosystem services Op.obj 4a.1. Identify and promote good practices involving the sustainable use of biodiversity Op.obj 4c.6 Reduce the impacts of pesticides on biodiversity and ecosystem services Op.obj 4f.1 Promote the conservation of forest biodiversity through independent credible forest certification systems that provide a guarantee for sustainable forest management Op.obj 4g.1 Promote integrated management of hunting grounds in cooperation with farmers, foresters and environmental NGOs and the application of good hunting practices

	Aichi 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.	EU T 5 - Combat Invasive Alien Species EU Target 5 - By 2020, Invasive Alien Species and their pathways are identified and prioritised, priority species are controlled or eradicated, and pathways are managed to prevent the introduction and establishment of new IAS.	Op.obj 2.1 Investigate and monitor, the effects and causes of activities and processes, including new and emerging risks, that threaten components of biodiversity in Belgium Op.obj 3.7 Invasive alien species (IAS) 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
			Op.obj 4c.8 Ensure that the production of plants, inter alia non indigenous plants, for renewable energy does not negatively impact on biodiversity
			Op.obj 5.7 Consider the potential impact on biodiversity, and in particular the invasiveness of species, in making import and export decisions
11//	Aichi Target 10 - By 2015, the multiple anthropogenic pressures on coral reefs, and other vulnerable ecosys-	EU T2 - Maintaining and enhancing ecosystems and their services (See above, Aichi Target 2)	Op.obj 2.2 Investigate and monitor the effects of climate change on biodiversity
	tems impacted by climate change or ocean acidification are minimized, so as to maintain their integrity and functioning.	EU T4 - Ensure the sustainable use of fisheries resources (See above, Aichi Target 3)	Obj 3: Maintain or restore biodiversity and ecosystem services in Belgium to a favourable conservation status.
1111	Aichi Target 11 - By 2020, at least 17 per cent of terrestrial and inland water, and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well connected systems of protec-	EU T1 - Fully implement the Birds and Habitats Directives (See above, Aichi Target 1) EU T2 - Maintaining and enhancing ecosystems and their services (See above, Aichi Target 2)	Obj 3: Maintain or restore biodiversity and ecosystem services in Belgium to a favourable conservation status Op.obj 3.1 At least 17 per cent of terrestrial and inland water areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved
	ted areas and other effective area-based conservation measures, and integrated into the wider landscapes and seascapes.		through the development of effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and are integrated into the wider landscapes
			Op.obj 3.2 At least 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and are integrated into the wider seascapes
			Op.obj 4h.1 Apply CBD tools to monitor and control the impact of tourism on biodiversity, in particular in protected areas

	Aichi 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.	EU T1 - Fully implement the Birds and Habitats Directives (See above, Aichi Target 1)	Op.obj 3.4 Develop and implement action plans so as to ensure the maintenance or rehabilitation of our most threatened species to a favourable conservation status
,	Target 13 - By 2020, the genetic diversity of cultivated plants and farmed and domesticated animals and of wild relatives, including other socio-economically as well as culturally valuable species, is maintained, and strategies have been developed and implemented for minimizing genetic erosion and safeguarding their genetic diversity.	EU T3 - Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity (See above, Aichi Target 3)	Op.obj 4c.5 Promote the ustainable use of genetic resources for food, and agriculture
,	Aichi Target 14 - By 2020, ecosystems that provide essential services, including services related to water, and contribute to health, livelihoods and well-being, are restored and safeguarded, taking into account the needs of women, indigenous and local communities, and the poor and vulnerable.	EU T2 - Maintaining and enhancing ecosystems and their services (See above, Aichi Target 2) EU T3 - Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity (See above, Aichi Target 3)	Obj 3: Maintain or restore biodiversity and ecosystem services in Belgium to a favourable conservation status. Op.obj 3.3 Ecosystems, their resilience and their services are maintained and enhanced by establishing, inter alia, a green infrastructure and restoring at least 15 % of degraded ecosystems. Op.obj 5.8 Maximalise the advantages for health arising from biodiversity and expand the collaboration between the interested organisations / public services
mmy	Aichi 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, thereby contributing to climate change mitigation and adaptation and to combating desertification.	EU T3 - Increase the contribution of agriculture and forestry to maintaining and enhancing biodiversity (See above, Aichi Target 3)	Obj 3. Maintain or rehabilitate biodiversity in Belgium to a favourable conservation status. Op.obj 3.3 Ecosystems, their resilience and their services are maintained and enhanced by establishing, inter alia, a green infrastructure and restoring at least 15 % of degraded ecosystems.
,	Aichi Target 16 - ABS Protocol	EU T6 - Help avert global biodiversity crisis	Obj 6. Promote and contribute to an equitable access to and sharing of benefits arising from the use of genetic resources - ABS

	By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is in force and operational, consistent with national legislation.	(See above, Aichi Target 2)	Op.obj 6.1 By 2014, raise awareness about the concept of ABS in the context of the CBD and the Nagoya Protocol, and widely disseminate information on ABS Op.obj 6.2 By 2014, ratify and implement the Nagoya Protocol on Access to Genetic Resources and the Fair
			and Equitable Sharing of Benefits Arising from their Utilization
			Op.obj 6.3 By 2020, have mechanisms in place to enhance national and global cooperation on ABS issues
			Op.obj 6.5 By 2015, have a functional Access and Benefit Sharing Clearing- House in place
	Aichi Target 17 - By 2015 each Party has developed,	EU T6 - Help avert global biodiversity crisis	Belgium intends to revise its NBS by WGRI-6 in 2014
	adopted as a policy instrument, and has commenced implementing an effective, participatory and updated national biodiversity strategy and action plan.	(See above, Aichi Target 2)	
	Aichi Target 18 - By 2020, the traditional knowledge,	EU T6 - Help avert global biodiversity crisis	Op.obj 6.4 By 2020, create operational mechanisms to
2.	innovations and practices of indigenous and local communities relevant for the conservation and sustainable use of biodiversity, and their customary use of biological resources, are respected, subject to national legislation and relevant international obligations, and fully integrated and reflected in the implementation of the Convention with the full and effective participation of	(See above, Aichi Target 2)	protect the knowledge, innovations and practices of indigenous and local communities embodying traditional lifestyles relevant for the conservation and sustainable use of biodiversity
Mannana Committee	indigenous and local communities, at all relevant levels.		
	Aichi Target 19 -By 2020, knowledge, the science base and technologies relating to biodiversity, its values,	EU T2 - Maintaining and enhancing ecosystems and their services	Obj 7. Improve and communicate scientific knowledge on biodiversity and ecosystem services (all operational
	functioning, status and trends, and the consequences of its loss, are improved, widely shared and transferred,	EU Target 2, Action 5 - Improve knowledge of ecosystems	objectives under obj.7)
	and applied	and their services in the EU	
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111			Appendices

Aichi Target 20 -By 2020, at the latest, the mobilization of financial resources for effectively implementing the Strategic Plan for Biodiversity 2011-2020 from all sources, and in accordance with the consolidated and agreed process in the Strategy for Resource Mobilization, should increase substantially from the current levels. This target will be subject to changes contingent to resource needs assessments to be developed and reported by Parties.

EU T1 - Fully implement the Birds and Habitats Directives

EU Target 1, Action 2- Ensure adequate financing of Natura 2000 sites

EU T6 - Help avert global biodiversity crisis

EU Target 6, Action 18- Mobilise additional resources for global biodiversity conservation:

Obj 15. Ensure the provision of adequate resources for biodiversity

Op.obj 15.1. By 2020 at the latest, the mobilization of financial resources for biodiversity from all sources (including possible innovative financial mechanisms), should increase substantially compared to the average annual biodiversity funding for the years 2006-2010

Op.obj 15.2 Fully use existing EU financing instruments to promote biodiversity

Op.obj 15.3 By 2015, contribute towards the doubling of the total biodiversity-related financial resource flows to developing countries and at least maintain this level until 2020, including through a country-driven prioritization of biodiversity within development plans in recipient countries, using as preliminary baseline the average annual biodiversity funding to developing countries for the years 2006-2010

Op.obj 15.4 By 2020 Support, as appropriate, developing countries to enhance institutional, national, administrative and managerial capacities, in order to increase the effectiveness and sustainability of international and national financial flows for biodiversity

Support Mechanisms

- Capacity-building for effective national action

 Clearing-house mechanism and technology transfer
- Financial resources
- \cdot Partnerships and initiatives to enhance cooperation
- \cdot $\;$ Support mechanisms for research, monitoring and assessment

We are all in this together

- Partnerships for biodiversity
- \cdot $\,$ Mobilising resources to support biodiversity and ecosystem services
- · A common implementation strategy for the EU

Monitoring and support mechanisms

- SM1. By 2015, adopt, apply and publish indicators to measure progress against the strategic objectives of the NBS
- SM2. By 2015, implement the EU reporting tool for NBS's on the CHM website
- SM3. By 2015, have a functional Clearing-House Mechanism in place for the Convention and its Protocols, including a network of practitioners
- SM4. By 2015, functional Clearing-Houses for specific implementation and technology transfer are in place for the CBD and its Protocols (BCH, ABS-CH)