

Ecosystem Services in the 2020 EU Biodiversity Strategy

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Structure

1. EU and International Policy Context
2. Rationale of the EU 2020 Biodiversity Strategy
3. Targets and measures
4. Financing issues
5. Next steps



1. EU and International Policy Context

- EU Council conclusions
- CBD COP-10 Outcomes



Council Conclusions – 26.03.2010

- Adoption of a **long-term (2050) vision** for biodiversity:
 - *Biodiversity and the ecosystem services we get for free from nature are preserved, valued and, insofar as possible, restored for their intrinsic value, enabling them to support economic prosperity and human well-being, and averting any catastrophic changes linked to biodiversity loss*
- Adoption of a **mid-term (2020) headline target**:
 - *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*



EU Council Conclusions - 14.10.2010 (1)

- RECOGNISES that the frequent **undervaluation of, or disregard, for biodiversity and ecosystem services** as well as the limited internalisation of their values into national strategies and programmes, such as systems of national accounts, are a significant cause underlying today's biodiversity crisis
- STRESSES that the **conservation and sustainable use of biodiversity and ecosystem services** should be further integrated into current and future EU policies and financial instruments [...]



EU Council Conclusions - 14.10.2010 (2)

- INTENSIFIES support for initiatives to incorporate economic considerations and **valuation of biodiversity and ecosystem services** into all relevant policies and sectors as a fundamental contribution to fulfilling biodiversity commitments
- ENCOURAGES Member States and the Commission to develop specific **cost-effective options for conservation and sustainable use of biodiversity and ecosystem services** at national, European and global levels, based on TEEB findings



CBD COP-10 outcomes

- Strategic Plan and 10 Aichi targets
- Commitment to significantly increase resources from all sources, including through innovative financial instruments
- Access and Benefit Sharing Protocol

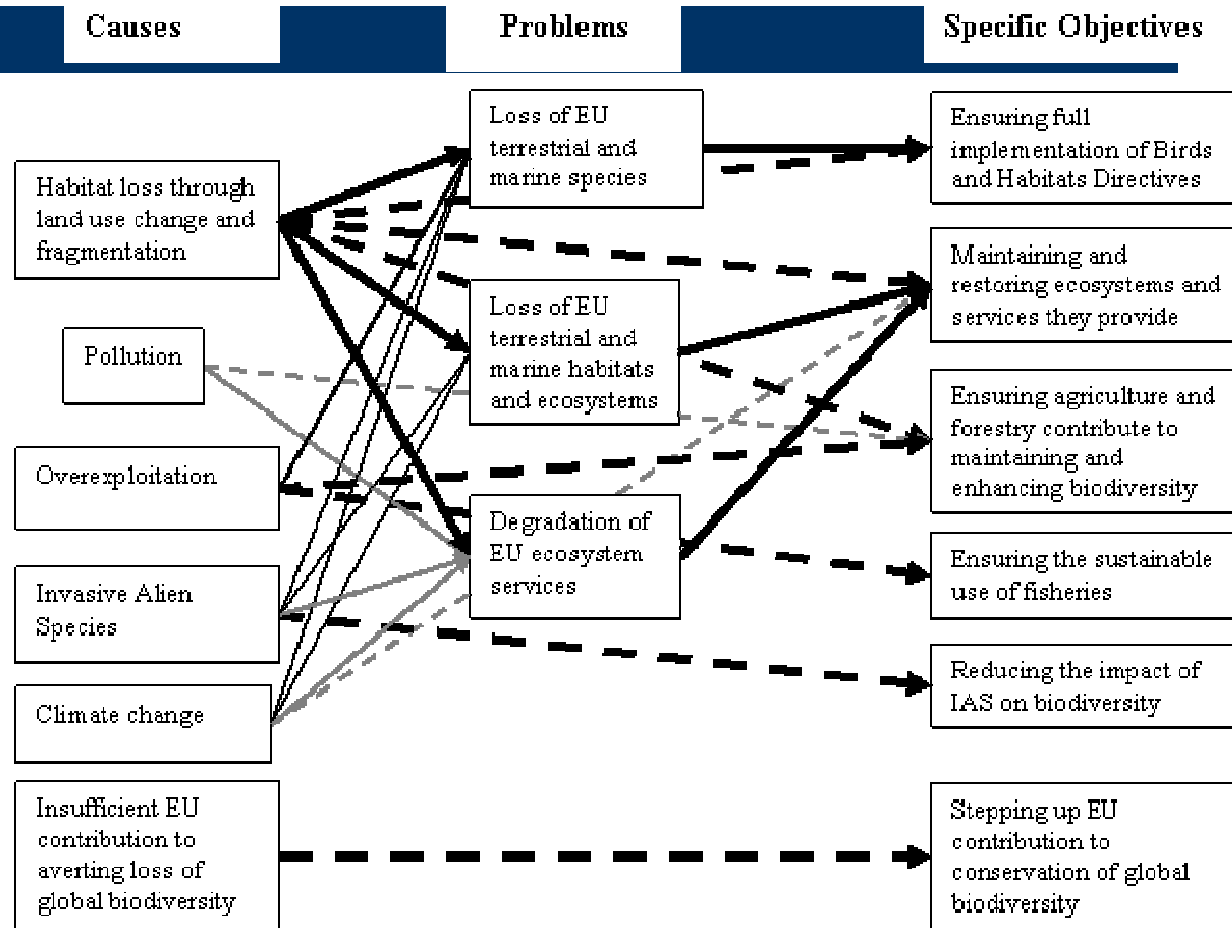


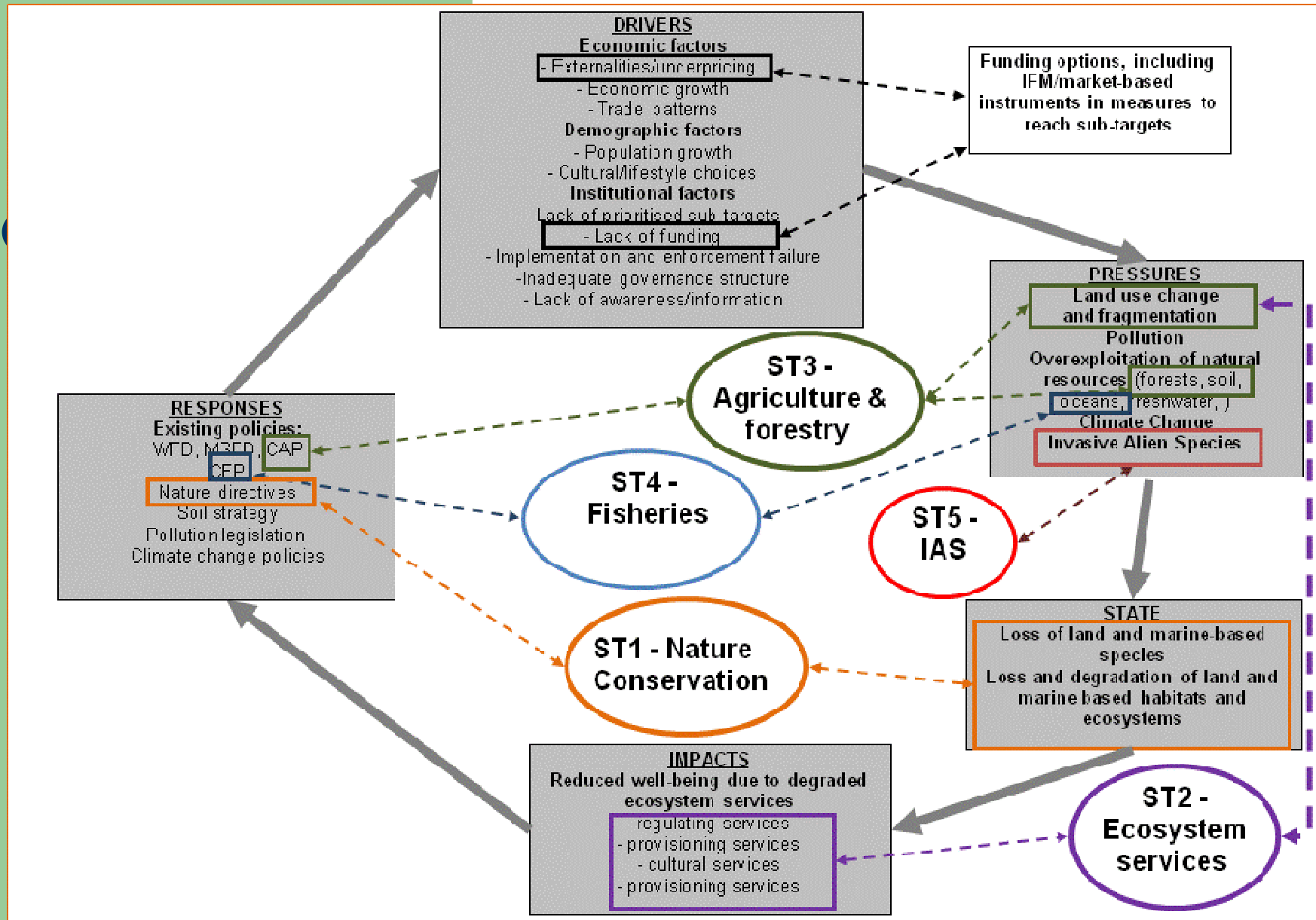
2. Rationale for 2020 Biodiversity strategy

- Problems and objectives
- 6 Targets



Problems and objectives







3. Targets and measures

- Ecosystem services in the 6 Targets
- Most relevant measures



Target 1

- By 2020, deterioration of all species and habitats of EU Conservation concern has stopped; 100% more habitat assessments and 50% more species assessments under the Habitats Directive are in favourable or significantly improved conservation status, and 50% more species assessments under the Birds Directive are in secure or improved status compared to current assessment levels
 - Action 1: Complete the establishment and ensure good management of the Natura 2000 network
 - Action 2: Ensure adequate financing
 - Action 3: Enhance stakeholder awareness and engagement and strengthen enforcement
 - Action 4: Improve and streamline monitoring and reporting



Target 2

- By 2020, ecosystem services are maintained and enhanced through the establishment of Green Infrastructure and the restoration of at least 15% of degraded ecosystems
 - Action 5: Improve knowledge about ecosystems and their services in the EU
 - Action 6: Set priorities to restore and promote the use of green infrastructure
 - Action 7: Ensure no net loss of biodiversity and ecosystem services



Target 3 (a)

- 3A) 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 EU 2010 baseline, thus contributing to enhance sustainable management.
 - Action 8: enhance direct payments for environmental public goods in the EU Common Agricultural Policy
 - Action 9: Better target Rural Development towards biodiversity conservation
 - Action 10: Conserve Europe's agricultural genetic diversity

() Improvement is to be measured against the quantified enhancement targets for the conservation status of species and habitats of EU interest in Target 1 and the restoration of degraded ecosystems under target 2.*



Target 3(b)

- *B) Forests: By 2020, Forest Management Plans or equivalent instruments, in line with Sustainable Forest Management (SFM), 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.*
 - Action 11: Encourage forest holders to protect and enhance forest biodiversity
 - Action 12: Integrate biodiversity measures in Management Plans

() Improvement is to be measured against the quantified enhancement targets for the conservation status of species and habitats of EU interest in Target 1 and the restoration of degraded ecosystems under target 2.*

*(**) For smaller forest holdings, Member States may provide additional incentives to encourage the adoption of Management Plans or equivalent instruments that are in line with SFM.*



Target 4

- *Achieve Maximum Sustainable Yield (MSY) by 2015. Achieve a population age and size distribution indicative of a healthy stock, through fisheries management that has 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.*
 - Action 13: Improve the management of fished stocks
 - Action 14: Eliminate adverse impacts on fish stocks, species, habitats and ecosystems



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*
 - Action 15: Strengthen the EU Plant and Animal Health Regimes
 - Action 16: Establish a dedicated instrument on Invasive Alien Species



Target 6

- *By 2020, the EU's contribution to averting global biodiversity loss is stepped up.*
 - Action 17: Reduce indirect drivers of biodiversity loss
 - Action 18: Mobilise additional resources for global biodiversity conservation
 - Action 19: 'Biodiversity proof' EU development cooperation
 - Action 20: Regulate access to genetic resources and the fair and equitable sharing of benefits arising from their use



3. Financing biodiversity and ecosystem services

- Specific measures in biodiversity strategy:
 - Payments for ecosystem services (PES): Green Infrastructure, including possibility of Public Private Partnerships (PPP); Strengthening of PES for environmental public goods in agriculture, forests and fisheries management
Future no net loss initiative (possibility of biodiversity offsets, habitats banking)
 - Reducing EU consumption impacts on global biodiversity - certification schemes, eco-labelling, green procurement, sustainability criteria
- Next Multiannual Financial Framework:
 - Mainstreaming of biodiversity in key EU instruments
 - Climate funding co-benefits
 - Life+ projects to provide catalytic funding
 - Innovative financing instruments – cooperation with EIB
- Financing at national level
- Financing global biodiversity – discussions under the CBD
 - substantially increase resources (financial, human and technical) from all sources, including innovative financial mechanisms



4. Next steps

- Adoption of biodiversity strategy on 3 May 2011
- Proposal for the EU Budget for the next financing period (June 2011)
- Implementing of Biodiversity Strategy and forthcoming initiatives
 - Improved knowledge base needed on ecosystem services
 - Policy mechanisms for implementation



Thank you for your attention

- **Biodiversity homepage:**
- http://ec.europa.eu/environment/nature/biodiversity/policy/index_en.htm
- **Environment and economics webpage:**
- <http://ec.europa.eu/environment/enveco/index.htm>
- **For more information, contact:**
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