

European Commission
DG Environment
Unit B2 - Biodiversity

Biodiversity - EC targets and next steps

Current EU biodiversity policy framework

2001

European Council agrees to halt the loss of Biodiversity by 2010

Biodiversity included in SDS and 6th EAP as priority

2006

EC Communication and Biodiversity Action Plan (BAP)

2008

Mid-term review of the Biodiversity Action Plan (BAP)

2009

Health Check for Habitats and Species
(only 17% are in 'favourable condition')

2010

19 January: Commission Communication on options for post-2010

15 March: Post-2010 vision and target

EC contracting party to Convention on Biological Diversity (since 1993)

2002 global biodiversity target "to significantly reduce the rate of biodiversity loss globally by 2010"

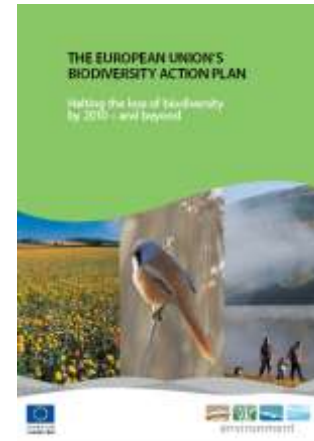
2006 EU Biodiversity Action Plan

4 Policy areas

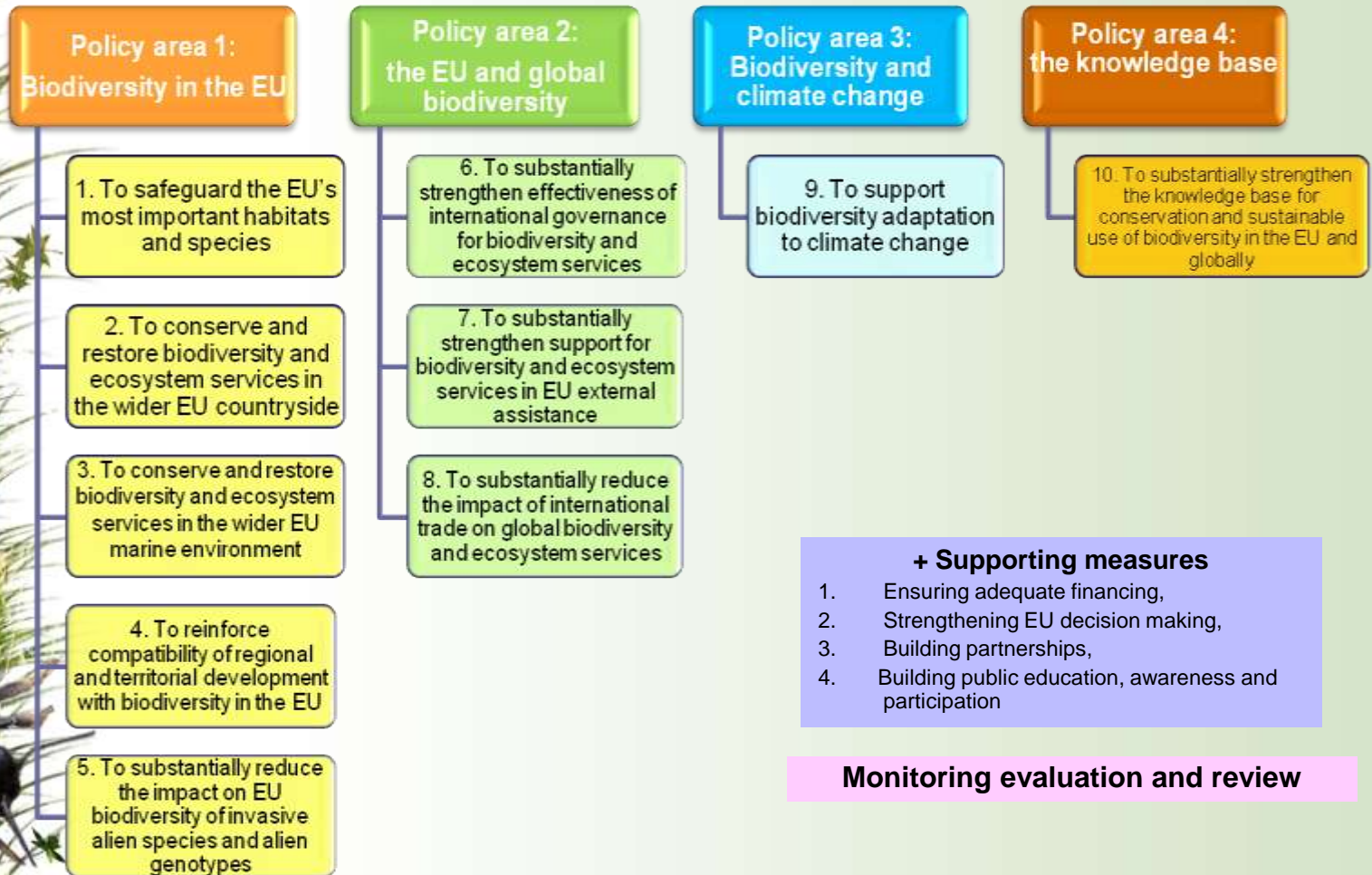
10 Key Objectives

46 Targets

150 Priority actions



EU Biodiversity Action Plan



Some key achievements

- Natura 2000 network - established
- Legal protection under the Birds and Habitats Directives has stopped the destruction of many unique natural areas
- Water Framework Directive, Marine Strategy Framework Directive - support
- EU funding towards biodiversity objectives
- Significant improvements in environment parameters (e.g. water quality)
- Increase in sustainable agricultural practices
- Initiatives to tackle illegal logging, to combat global deforestation & promote sustainable consumption & production



Success stories: Natura 2000

The biggest network of protected areas in the World
– almost 20% of UE Surface



But not enough to meet the target

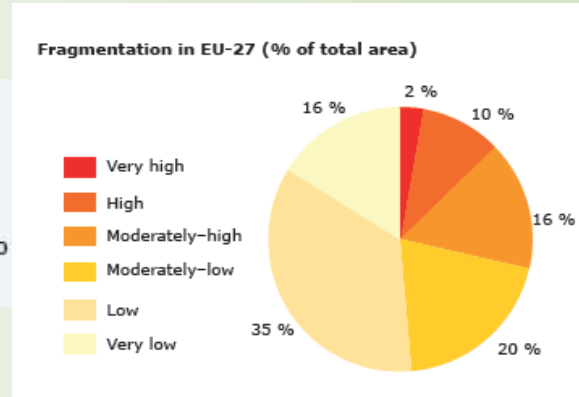
Key findings of EC's mid-term report (Dec 2008):

- ❖ *Despite some progress it is highly unlikely - based on current efforts – to achieve 2010 target*
 - ❖ *Significant additional commitment needed to come close to target*
 - ❖ *At global level a significant reduction in the rate of loss of biodiversity is not being achieved*
- ➔ Confirmed in 2009 “Health Check” - Only 17% of habitats and species of EU conservation interest under Habitats Directive have satisfactory conservation status.

Loss of biodiversity in the EU

- EU target not reached (based on the assessment of the Art. 17 of the Habitats Directive and other reports (EEA, BAP))
- The drivers of biodiversity loss are

- **Degradation and fragmentation of habitats**



- **Over-exploitation of natural resources**



- **Contamination**



- **Invasive species**
 - **Climate Change**

State of biodiversity in the EU in 2010

Species facing risk of **extinction**:

up to 25% of European animals are included in the IUCN Red List



POOR Conservation Status:

62% of habitats and 52% of species covered by Habitats and Birds Directives



Source: EEA EU
2010 Biodiversity
Baseline

State of ecosystem services in EU in 2010

Ecosystems \ Services	Agro ecosystems	Forests	Grasslands	Heath and scrubs	Wetlands	Lakes and rivers
Provisioning						
Crops/timber	↓	↑			↓	
Livestock	↓	=	=	=	↓	
Wild Foods	=	↓	↓		=	
Wood fuel		=		=		
Capture fisheries					=	=
Aquaculture					↓	↓
Genetic	=	↓	↓	=	=	
Fresh water		↓			↑	↑
Regulating						
Pollination	↑	↓	=			
Climate regulation		↑		=	=	=
Pest regulation	↑		=			
Erosion regulation		=	=	=		
Water regulation		=		↑	↑	=
Water purification					=	=
Hazard regulation					=	=
Cultural						
Recreation	↑	=	↓	↑	↑	=
Aesthetic	↑	=	=	=	↑	=

Status for period 1990–present ■ Degraded ■ Mixed ■ Enhanced ■ Unknown Not applicable

Why did we fail?

A combination of different factors

- Poor implementation of legislation
- Insufficient funding
- Knowledge gaps
- Insufficient integration in other policies
- Lack of awareness and/or political will
- Emerging threats: climate change, invasive species
- Policy gaps: soil, Invasive species, forests
- **Limits of the target** → Slogan-like? Lack of baseline/metrics
- **Limits of the approach** → Too comprehensive? Prioritisation needed? “reporting exercise”? Resonance beyond biodiversity constituency? (and BAP came a bit late)
- **“Biodiversity loss, and so what ?”** → Making the case for biodiversity – conservation vs. ecosystem services, economics must be taken seriously



How to avoid failure again?

- Learn from mistakes
- Double the efforts and make things differently
- Establish a baseline and step efforts to fill knowledge gaps
- Improve the implementation of EU legislation
- Enhance integration into other policies
- Increase funding and get rid of harmful subsidies
- **Overcoming limits of the target** → baseline/metrics
- **Overcoming limits of the approach** → focused, prioritised, ownership (“commitment”)
- **Making the case** → ecosystem services, Green Infrastructure, TEEB



Environment Priorities

1. Resource efficiency

- decouple growth from resource use
- eco-innovation, Sustainable Consumption and Production, Green Public Procurement

2. Biodiversity

- new biodiversity strategy to reach the 2020 target

3. Implementation of environmental *acquis*

- obligations and voluntary actions



Towards a post-2010 strategy

- ❖ Commission Communication – 19 January 2010
- ❖ Council Conclusions – 15 March 2010
- ❖ European Council - 26 March 2010

“There is an urgent need to reverse continuing trends of biodiversity loss and ecosystem degradation. The European Council is committed to the long term biodiversity 2050 vision and the 2020 target set out in the Council's conclusions of 15 March 2010”

❖ Next Steps

Sub-targets to be identified : measurable, quantifiable, prioritised

Priority setting – key challenges

Post 2010 Biodiversity Policy

2050 Vision

- ❖ **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.

2020 Target

- ❖ **By 2020**, Halt the loss of biodiversity and ecosystem services in the EU and restore them insofar as feasible, and step up the EU's contribution to averting global biodiversity loss.



Post-2010 Biodiversity Strategy

Commission develops a new Strategy; to be adopted after Nagoya (CBD COP10, October 2010)

2020 Headline target

2020 Headline target					
ST1 Sustainable land management (agriculture, forestry)	ST2 Overexploitation or Sustainable use of natural resources (fisheries)	ST3 Protecting habitats and species (nature conservation)	ST4 Working with nature (Green Infrastructure)	ST5 Preventing the introduction and spread of invasive species	ST6 EU's contribution to global biodiversity

- Focus on key ecosystems, pressures, drivers and responses
- Time-bound (2020)
- Measurable
- Prioritised
- Fill gaps and build on mandates: BISE, IPBES, TEEB, Guidebooks
- B@B Platform

BISE

Biodiversity Information System for Europe



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http://biodiversity.europa.eu/ BISE eea

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Biodiversity Information System for Europe

BISE is a partnership between the European Commission (DG Environment, Joint Research Centre, Eurostat) and the European Environment Agency (EEA). It incorporates the network of the European Clearing House Mechanism.

[about BISE](#) [show sitemap](#)


Policy Topics Data Research Countries & Networks

News - Europe


- EU CHM, 27/08/2010: The public consultation on the post-2010 EU biodiversity strategy is now on
- EEA, 25/08/2010: Europe's coasts: reconciling development and conservation
- COST, 20/08/2010: Contented German COST participants!
- COST, 05/08/2010: Did you know that underwater robots phone home too?
- EEA, 28/07/2010: Europe's mountains: rich in biodiversity but increasingly vulnerable
- SCALES, 23/05/2010: Eurosite Annual Conference 2010 - 'The Challenge of Managing Sites in a Changing Environment'
- Alter-net, 16/05/2010: Conserving biodiversity hotspots

News - World


- IUCN, 07/09/2010: [A better way](#)
- IUCN, 06/09/2010: [The future of water in the face of climate change](#)
- IUCN, 03/09/2010: [Mise à l'honneur du parc solaire](#)
- CBD, 03/09/2010: [New website to track climate aid, key to U.N. talks](#)
- CBD, 03/09/2010: [Green roofs offer antidote to urban heat island effect, say researchers](#)
- CBD, 03/09/2010: [Revolution in African Agriculture Gathering Momentum](#)



European Commission



European Environment Agency



International Year of Biodiversity

Internet 100%

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IPBES

Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) - Microsoft Internet Explorer provided

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Download Documents

Related Links

2010 International Year of Biodiversity

DIVERSITAS an international programme

UNEP briefs Permanent Representatives in New York on the outcome of the third IPBES meeting in Busan and on the way forward for IPBES

In preparation for the 65th session of the General Assembly in September, UNEP presented the outcome of the third IPBES meeting held in Busan to the Permanent Representatives in New York. Click here to download the powerpoint presentation.

Report of the Busan meeting now available in 6 languages

Following a successful meeting in Busan, Republic of Korea, the report of the third ad hoc intergovernmental and multi stakeholder meeting on an intergovernmental science-policy platform on biodiversity and ecosystem services is now available in the 6 UN languages [here](#).

The G8 supports the establishment of an IPBES

The Leaders of the Group of Eight, met in Muskoka, Canada, on June 25-26, 2010. The [G8 Muskoka Declaration Recovery and New Beginnings](#) adopted at the meeting contains a paragraph, welcoming the agreement reached at the Busan meeting to establish a new platform on biodiversity and ecosystem services.

MORE NEWS

Regional Consultation Meetings

North America | 27 April 2010
Latin America | 26-30 April 2010
Africa Meeting | 7-8 May 2010
Central Asia | 19-20 May 2010
Eastern Europe | 25-26 May 2010

News Alerts

- UN Body to show cost of damage
16 July 2010
- IPBES to put value on planet
18 July 2010
- EU Policy Review stresses investment in ecosystem services
10 August 2010
- Rat für Artenvielfalt [Die Zeit]
17 June 2010
- UN body will assess ecosystems and biodiversity [Nature]
16 June 2010
- 'Green light' for global biodiversity science panel [BBC]
14 June 2010
- Nations back UN biodiversity panel [Al Jazeera]
14 June 2010

Contact Us

Getting the economics right

❖ Improve our understanding of the economics of ecosystems and biodiversity (TEEB) and its links to poverty eradication

❖ Various deliverables already published

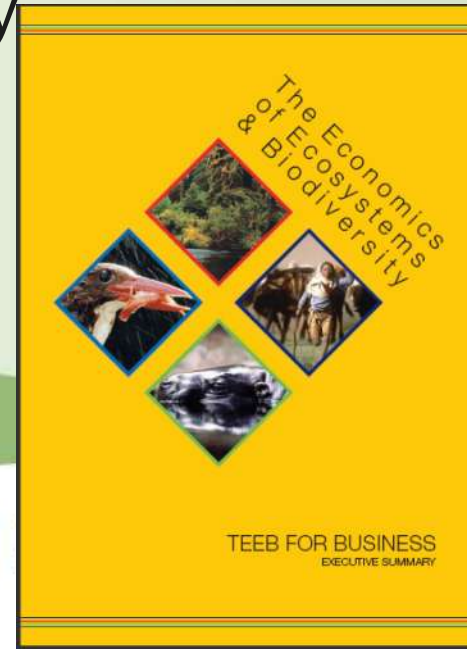
(www.teebweb.org)

TEEB D1- Policy Makers

TEEB D2- Local authorities

TEEB D3- Business and biodiversity

Other deliverables will be published for COP10 in Nagoya

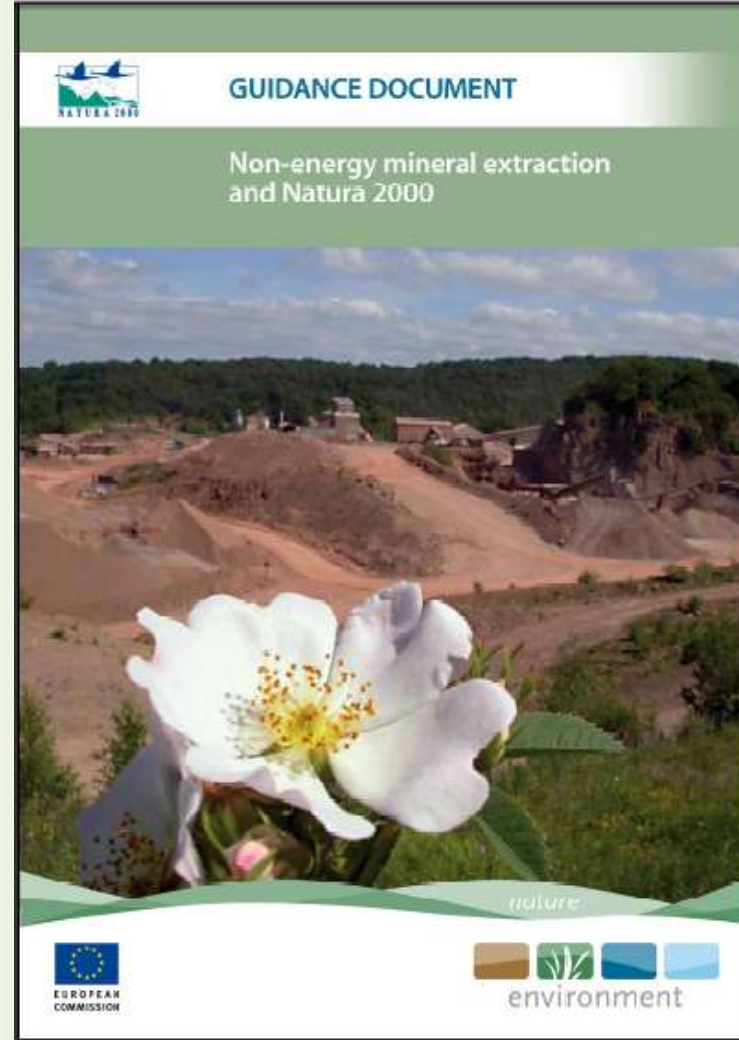


GUIDANCE DOCUMENTS

Sector specific guidance in reference to Natura 2000 being developed:

“Non-energy mineral extraction and Natura 2000”

Forthcoming on wind farms, estuaries, agriculture..



http://ec.europa.eu/environment/nature/natura2000/management/docs/nee_n2000_guidance.pdf



The EU Business @ Biodiversity Platform

About the project

The global loss of biodiversity has become one of the major environmental challenges of the 21st century. Given that the concern for biodiversity is integral to sustainable development, [read more](#)

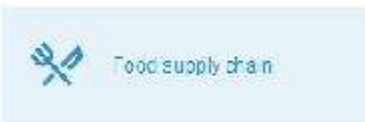
About the platform

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Sectors



News and Events



Green Week

This year, the largest annual conference on European environment policy turns the spotlight on biodiversity. With over 30 sessions, the conference will address the... [read more](#)



IEEB for Business Report to be released at the UK's first Global Business of Biodiversity Symposium, 13-14 July, 2010

This two day conference is set to be the world's largest, private-sector focused biodiversity conference and... [read more](#)

Post-2010 related developments

EU Strategy on Green Infrastructure 2011

- Need to decrease fragmentation affecting connectivity, ecosystem health and ability to provide services
- Need to enhance ecosystem-based approaches (e.g. flood prevention) including financial support (revision Cohesion Policy)
- Conference in autumn 2010

EU Strategy on Invasive species

- Strategy and early warning system in 2011 (consultation 09/10)

Monitoring

- **WISE/BISE** joint work in 2011



First thoughts on the post-2010 biodiversity strategy

- ❖ Time-bound, measurable sub-targets
- ❖ Focused on limited number of key pressures/drivers, sectors (sustainable use, overexploitation)
- ❖ Build on acquis (pollution, climate change...)
- ❖ Fill gaps (Invasive Alien Species, soil, Green Infrastructure)
- ❖ Tap into integration opportunities (reform of Common Agricultural Policy, Common Fisheries Policy, regional/cohesion policy)

Post-2010 Timeline

- ❖ Communication campaign 2009 and 2010
- ❖ June: baseline, BISE, stakeholder consultation
Business and Biodiversity (B@B) Platform
- ❖ Sept/Oct: final BAP assessment
- ❖ Oct: all TEEB reports finalised, consultation on-line
(by 22.10.2010 questionnaire on:
[http://ec.europa.eu/environment/consultations/biodec
line.htm#lang_en.htm](http://ec.europa.eu/environment/consultations/biodec
line.htm#lang_en.htm))
- ❖ Oct: CBD COP10 (Nagoya)
- ❖ After Nagoya: post-2010 biodiversity strategy
adoption
- ❖ 2011 and beyond: invasive species, Green
Infrastructure, soil (?).





***Thank You for Your attention
and
wishing You
fruitful brainstorming!***

