



# Biodiversität in Europa

## Möglichkeiten der Umsetzung auf kommunaler Ebene

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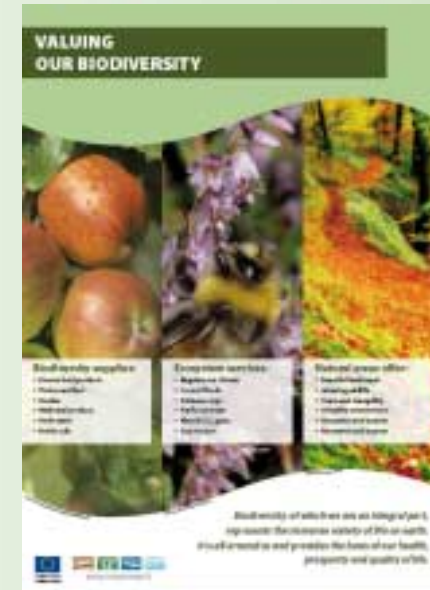


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# Biodiversity: why does it matter?

- ❖ **A moral duty:** *to conserve the sheer variety of life on earth*
- ❖ **An environmental asset:** *healthy ecosystems play a vital role in regulating the environment – e.g. a major tool for **climate change adaptation and mitigation***
- ❖ **An economic imperative:** *ecosystem goods and services provide a whole range of direct and indirect economic benefits*
- ❖ **An insurance :** *Maintaining and restoring biodiversity is essential for resilience in the face of global change including climate change*



*Our life support system*

# EU policy development



1998

EU biodiversity strategy

2001

European Council agrees to halt the loss of Biodiversity by 2010

2001

Biodiversity included in SDS and 6th EAP as priority

2004

Stakeholder consultations: Malahide Conference

2006

EC Communication and Action Plan

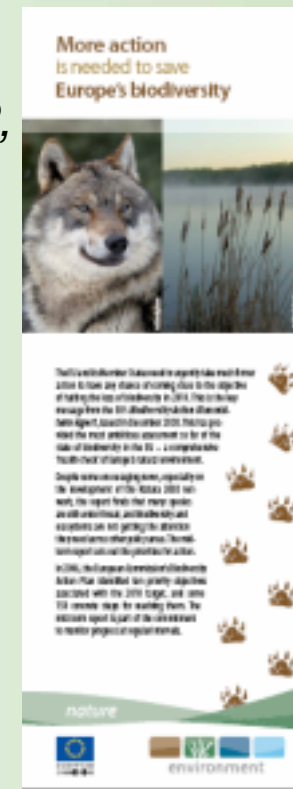
EU contracting party to Convention on Biological Diversity (since 1993)

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# Assessment of Biodiversity Policy

## Key findings of EC's final assessment

- ❖ *Despite important progress in delivery of the BAP, the overall goal of halting biodiversity loss in the EU by the end 2010 has not been achieved*
- ❖ *Expansion of the Natura 2000 protected areas network (18% of EU)*
- ❖ *Improved knowledge base*
- ❖ *Lack of integration of biodiversity considerations into other policies*
- ❖ *Gaps: Funding, Communication, Policy*



# EU post-2010 vision and target - adopted March 2010 -

- ❖ *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 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.

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# EU post-2010 Biodiversity Strategy

❖ *European Commission develops a new biodiversity strategy to be adopted after the 10th meeting of the Conference of the Parties of the Convention on Biological Diversity in October 2010 in Nagoya*

**ST1**  
Sustainable land  
management

**ST2**  
Sustainable use  
of natural  
resources

**ST3**  
Protecting habitats  
and species

**ST4**  
Working with nature  
Green Infrastructure

**ST5**  
Preventing the  
introduction  
and spread of  
invasive species

**ST6**  
EU's contribution  
to global  
biodiversity



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# Key actions

## Biodiversity in the EU

- ❖ Inform and engage the public with a communication campaign on biodiversity to take place in 2009 and 2010
- ❖ **Knowledge base for biodiversity**
- ❖ **Completion of Natura 2000 network**
- ❖ **Development of and investment in 'Green Infrastructure' - working with nature – ecosystem-based approaches to climate change adaptation and mitigation**
- ❖ **An effective strategy for invasive species**
- ❖ Engage business community including launching new Business and Biodiversity (B@B) initiative


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# Green Infrastructure

## Working with Nature

*'Green infrastructure' is – inter alia - an interconnected network of natural areas, including agricultural land, greenways, wetlands, parks, forest reserves, native plant communities and marine areas that naturally regulate storm flows, temperatures, flood risk and water, air and ecosystem quality as well as Working with Nature – Developing and using ecosystem-based approaches to climate change adaptation and mitigation*





# Case study: Lower Danube Wetlands

- Lower Danube Green Corridor
  - Created in 2000 by WWF and Heads of State Bulgaria, Romania, Moldova and Ukraine
  - Improved water quality, increased biodiversity, lowered risks from flooding and improved livelihoods
  - Estimated value of ecosystem services provided: €500ha/yr and additional future earnings are estimated at €85.6 million per year

Example of **Green Infrastructure**


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# Klimaprogramm Bayern 2020

- 25 % « erneuerbare Energie »
- Waldumbau Programm
- Sonderprogramm zur Stabilisierung der genetischen Vielfalt und von Ökosystemen

• ...

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***“The choice is ours.  
It will be made by our  
generation, but it will affect  
life on earth for all  
generations to come.”***

***Lester E. BROWN  
author of “Plan B”***

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**Thank you for your attention**



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