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- Emerald and PEEN : contribution to implementing article 10

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# Three fitted networks

- Natura 2000 (Habitats and birds directives / 25 countries)
- Emerald (Bern convention / 40 european countries + 5 african countries + EU)
- Pan European Ecological Networks (54 countries)

# Bern convention (1979)

- The aims of this Convention are to conserve wild flora and fauna and their natural habitats
- Art. 4 : commitment of Contracting parties in favour of conservation of habitats

# Bern convention / Emerald (1)

- Decisions of the Standing Committee :
  - Resolution No. 1 (1989) on the provisions relating to the conservation of habitats
  - Recommendations Nos. 14, 15 and 16 (1989) aimed at the development of a network of areas
  - Recommendation No. 25 (1991) on the conservation of natural areas outside protected areas

## Bern convention / Emerald (2)

- Resolution No. 3 (1996) on the creation of Emerald network
- Resolution No 5 (1998) concerning the Rules for the Network of Areas of Special Conservation Interest

## Emerald / « art.10 » (1)

- No provisions like art. 10 in the text of the Bern convention but ...
- Recommendation No. 25 (1991) on the conservation of natural areas outside protected areas

## Emerald / « art.10 » (2)

- Recommendation No. 25 encourage the conservation and, where necessary, the restoration of ecological corridors in particular by taking various measures in the field of :
  - *Rights of way of roads, railways and high-voltage lines*
  - *Watercourses*

# • • Pan European Biological and Landscape Diversity Strategy

- PEBLDS approved by the 3<sup>rd</sup> Conference of Ministers “An Environment for Europe”, in Sofia, on 25 October 1995
- PEBLDS is an unifying framework for pan-european CBD action
- Development of the Pan-European Ecological Network is the first objective of the Pan-European Strategy

# Characteristics of Pan-European Ecological Network

- a full range of ecosystems, habitats, species and landscapes in a favourable conservation status (core areas)
- to place species to provide sufficient opportunities for the dispersal and migration of species (ecological corridors)
- To protect (or restore) systems against possible threats (buffer zones)

## Core areas

- conserving special elements of high conservation interest (natural habitats, large sites and populations of endemic, rare and threatened species)
- ensuring sufficient representativeness of habitat types and landscapes of European importance in the Network
- meeting the needs of target species

# The reasons for corridors

- Fragmentation and isolation of habitats reduce the viability of species populations
- to ensure that species populations have adequate opportunities for dispersal, migration and genetic exchange

# Buffer zones

- To limit and to control processes and human activities that cause negative impact on biological diversity over distance

## Possible restoration areas

- Priority where habitat fragmentation has seriously disrupted the functioning of ecosystems or has substantially reduced the opportunities for species populations of European importance to survive

# Implementation of PEEN

- Use international, national and regional instruments to identify and protect cores areas (Natura 2000, Emerald, Ramsar sites, national and regional parks and reserves ...)
- Use various national or EU tools to conserve ecological functions of corridors and buffer zones (land-use planning ...)

## Kiev Resolution (2003)

- By 2006, the PEEN was to be identified and reflected on coherent indicative European maps (core areas, corridors, buffer and restoration areas, as appropriate), as a European contribution towards a global ecological network
- By 2008, all core areas of the PEEN will be adequately conserved

# PEEN / Natura 2000 / Art. 10

- 1988-1992 : European Commission and MS draft the Habitats directive
- 1991 : EECONET concept under NL initiative
- 1992 : adoption of Habitats directive
- 1993 : Maastricht conference (NL)
- 1995 : Adoption of PEBLDS (with PEEN)

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Can the PEEN contribute to the  
implemenation of art. 10 ?

- YES !

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This presentation was held at the International Workshop “Ecological networks and coherence according to article 10 of the Habitats Directive” 9-13 May 2005 at the Isle of Vilm.

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