

Presentation of the working paper on Art. 10 SWG (DE/NL)

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The BfN advises
The BfN supports
The BfN enforces
The BfN informs

Vilm, May 11th 2005

Art. 10 – SWG working paper

- Introduction
- Legal references/
background
- Objects, spatial and
functional aspects
- Implementation
- Workshops



SWG – a working paper on Art. 10



16 Sept. 2003 discussion and presentation of two projects by NL and DE

- European Green belt initiative
- well developed implementation in NL of ecological networks
- in DE a new § 3 in the National Law for Nature Conservation on ecological networks, covering >10 % of the surface in 2002

22 Sept. 2004: Joint presentation of DE /NL of a working paper and discussion in the SWG (references to CBD, discussion in the ORNIS-Committee and reference to PEEN-network)

- reported back to Habitats Committee in october 2004

Preliminary result: important topic to be discussed in more detail in future, but at the time being focus for the COM still on finishing the list of Sites of Community Importance

Informal discussion group, COM encourages DE/NL to continue their work to act as lead to help the Commission services take stock of existing initiatives and to crystallise ideas for future action

Top II: Legal references



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Legal References – basic settings



Habitats Directive (92/43/EEC):

Preamble

- To ensure FCS “it is necessary to designate Special Areas of Conservation in order **to create a coherent European ecological network**”
- “Whereas land-use planning and development policies should encourage the **management of features of the landscape** which are of major importance for wild fauna and flora”

Other direct references: Art. 3, Art. 4 Art. 6 Art. 10 and Annex III, Stage 2

Bird Directive (79/409/EEC):

Network of SPA’s (no direct use of the term coherence)

Used in a similar sense like the coherent ecological network in the Habitats Directive

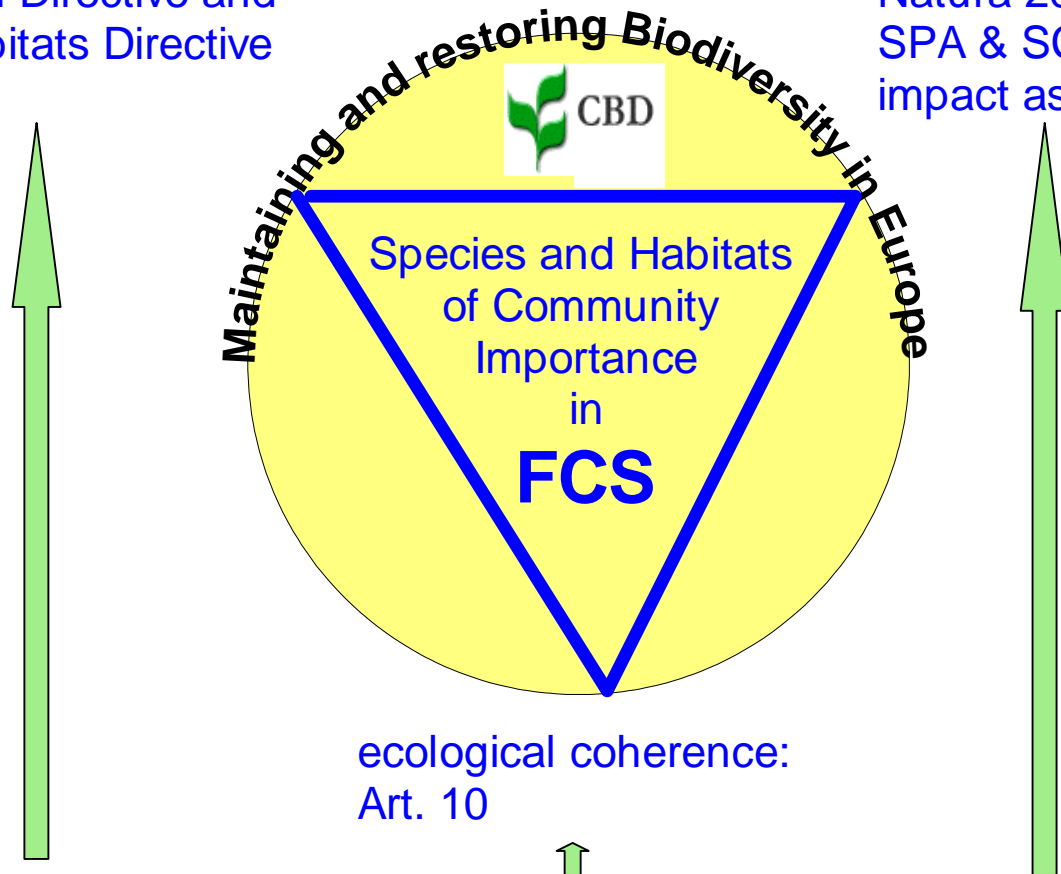
No explicit explanations how to ensure the integrity of the network

Main focus: FCS, Art. 2



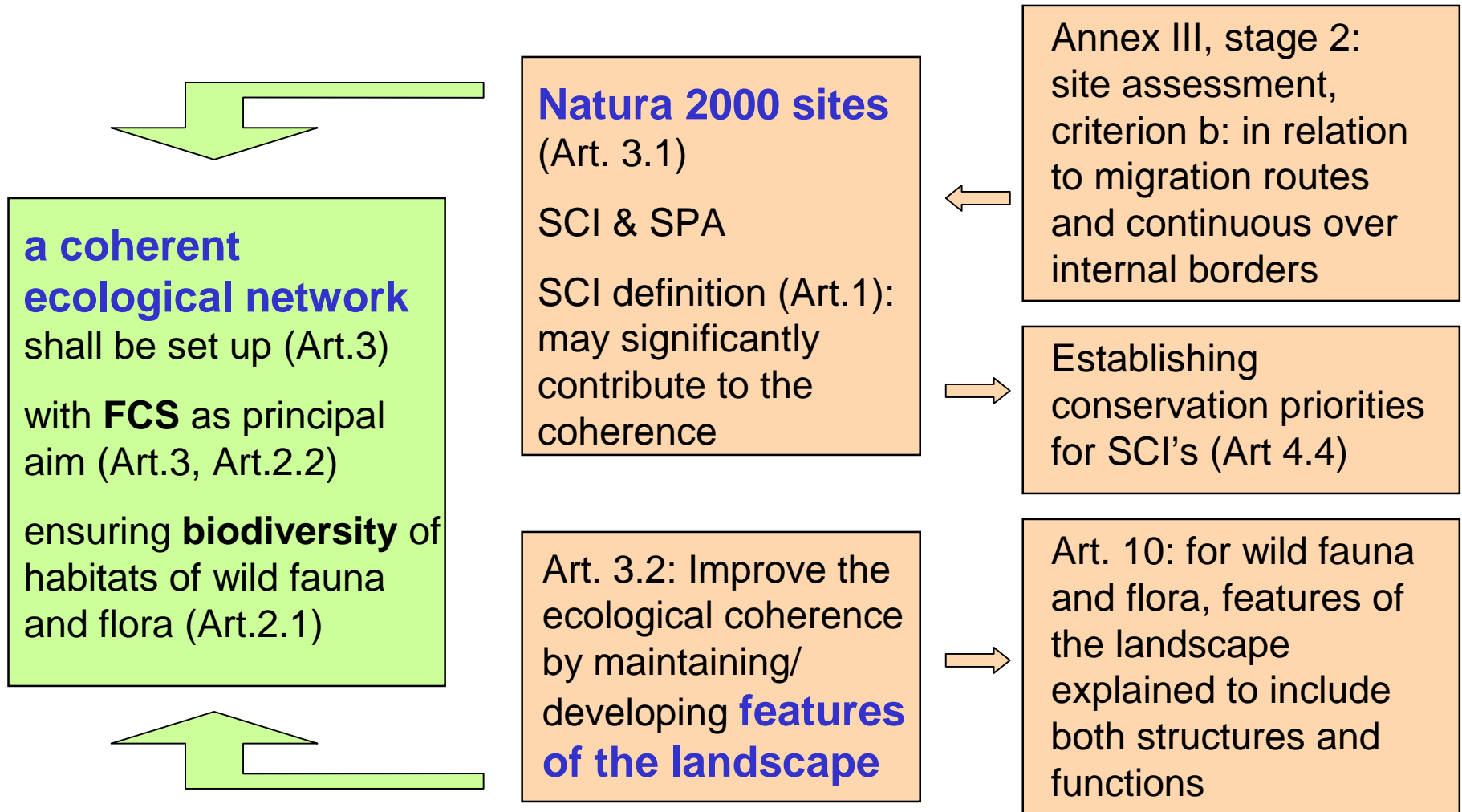
Species protection:
Bird Directive and
Habitats Directive

Protected sites:
Natura 2000 with
SPA & SCI
impact assessment



efficiency control and adjustment of management
Art. 11 monitoring and Art. 17 reporting

Legal References II



Legal References III (WS 1)



“Ecological coherence”



“Overall coherence”

“network”

partly used synonym to Natura 2000 (SCI & SPA)

partly used as coherent network going beyond declared protected sites

To avoid important losses of sites and their functions

Art. 6 (6)

for compensatory measures

differences in language versions of the Habitats Directive to be checked

Top III: spatial & functional aspects

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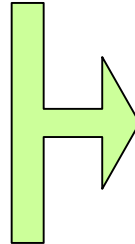


Objects of coherence (WS 1)



Habitats Directive:

- Annex I habitats
- Annex II species
- Annex IV and V species
- Typical species as a major component of natural habitats of Annex I
- “Wild fauna and flora”: species diversity as a whole



Habitats and species of community importance

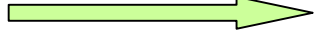
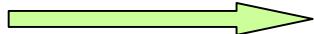
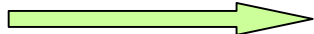
Bird Directive:

- Bird species of Annex I (Bird Directive)
- Migratory bird species
- Other wild bird species ?

Defining priorities ?

Spatial aspects (WS 3)



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- Within Natura 2000 sites  Management plans
 - Between Natura 2000 sites  Landscape features
 - Outside Natura 2000-sites (Annex IV and V-species)  species management & protection + landscape features
 - Coherence within natural range of species and habitats
 - Cross-boundary coherence (specific technical aspect)

Functional aspects (WS 2)



for habitats:

- Completeness of habitats
- Completeness of habitat diversity (including all subtypes, variants, syntaxa in a geographical context, i.e. natural regions, development phases)
- Completeness of habitat/biotope complexes (regional, historical and functional aspects of mosaics and catenas, functional relationships between Annex I habitats and non-listed habitats)
- Completeness of typical species inventory

for species:

- Completeness of all habitats used during life cycle
- Completeness of metapopulations
- Areas of high genetic diversity (isolated populations, border lines of the natural range etc.)
- Genetic exchange of wild species
- Dispersal (incl. colonisation and recolonisation of suitable habitats)
- Migration, see also art. 12 working group on breeding and resting sites

Only selected aspects

Top IV: implementation



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Implementation – concepts (WS 3)



General frame and principles:

- CBD: 2010 target to stop the loss of biodiversity (Kuala Lumpur 2004),
Other ecological networks or conventions calling for ecological coherence:
Emerald, PEEN, Ramsar, Convention of Migratory Species (AEWA,...) ...
- Coherence measures should be taken both inside and outside Natura
2000,
- they apply for all habitats and species of community importance
- The surrounding environment must permit specific functional coherence
(e.g. migration, dispersal, permeability for migration)
- The basic situation in MS depends very much on site delineation and
methods of site selection for Natura 2000 – thus requires adapted
measures of coherence

Components of ecological networks (WS 3)



- **core areas**: of outstanding actual value for nature conservation (national and international significance or community importance).
 - most Natura 2000 Sites
- **ecological development areas**: designed to increase (and reinforce) the existing core areas
 - partly covered
- **connection zones**: areas or structures that enable the expansion, migration and exchange of plant and animal species between various core areas. These connections may take the form of interconnections or stepping-stones of varying sizes.
 - Rarely covered, stepping stones for fish
- **buffer zones**: areas situated around the above listed areas to protect them against adverse external influences.
 - partly covered

Top V: Workshops

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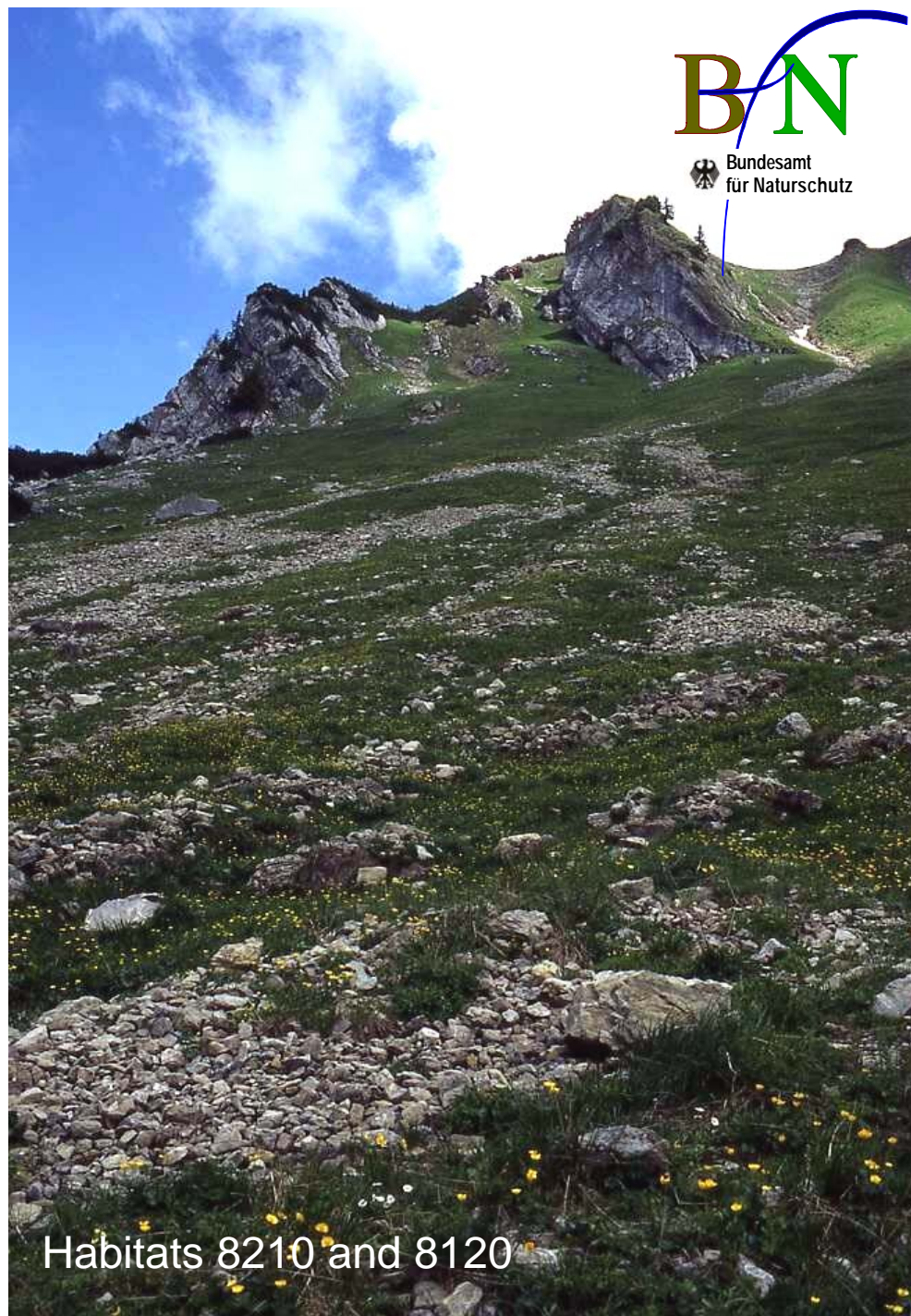
Future tasks ...

- Clarifying definitions
- Analysis: species by species & habitat by habitat approach
- Implementing coherence (Art.10) and species protection (Annex IV species) are the main tools for maintaining or developing FCS outside Natura 2000 sites
- Collection of best practice examples
- Toolkit / Checklist for adapting to practical solutions

- Check along inner border lines of the EU including EEZ

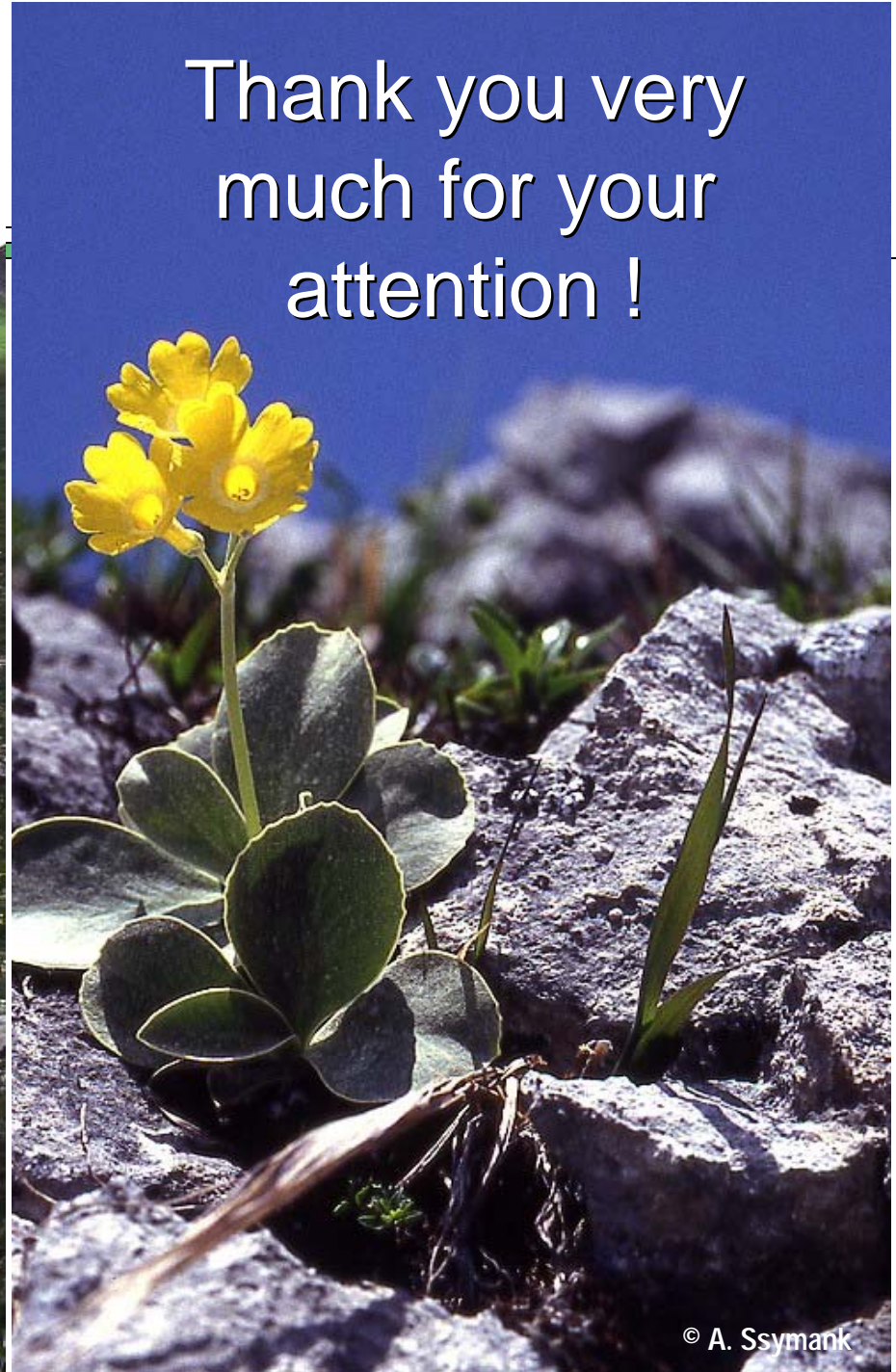
B **N**

Bundesamt
für Naturschutz



Habitats 8210 and 8120

Thank you very
much for your
attention !



workshops



- Workshop 1: Definitions and objects of coherence
- Workshop 2: Functional aspects of coherence
- Workshop 3: Implementation of ecological coherence

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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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Many thanks go to the ETC/NB, Paris for their help in supplying the necessary data for data analysis on European level (especially Doug Evans and Gabriela Augusto).