

Europarc Conference 2010 creating welcoming Visitor Spaces

Workshop 6 Ignace Schops

















How can we manage the vistiors whilst maintain the integrety of the biodiversity of our protected areas?











\rightarrow

Biodiversity matters! It's about life, ... our life!











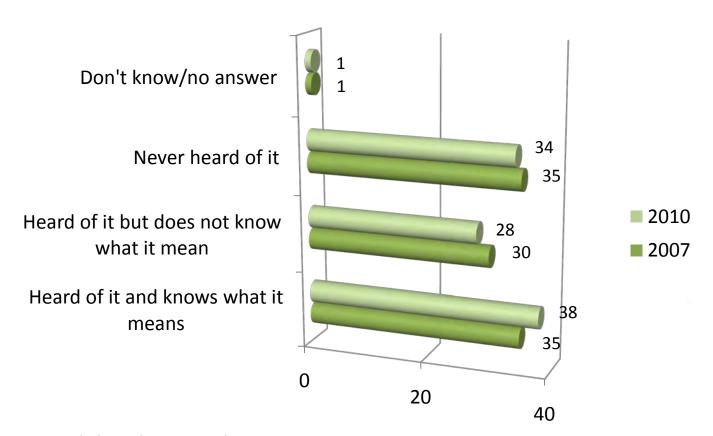








Familiarity with the term biodiversity (%)



Source: EU – Flash Eurobarometer N° 290



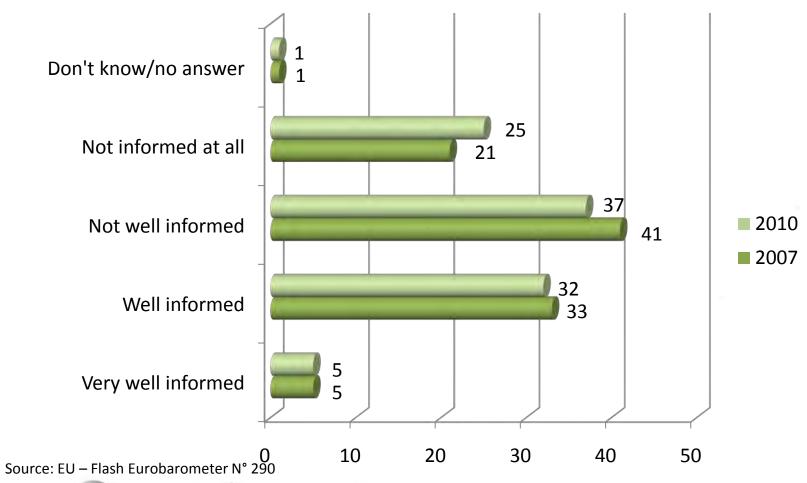








How informed are EU citizens about biodiverisity loss (%)





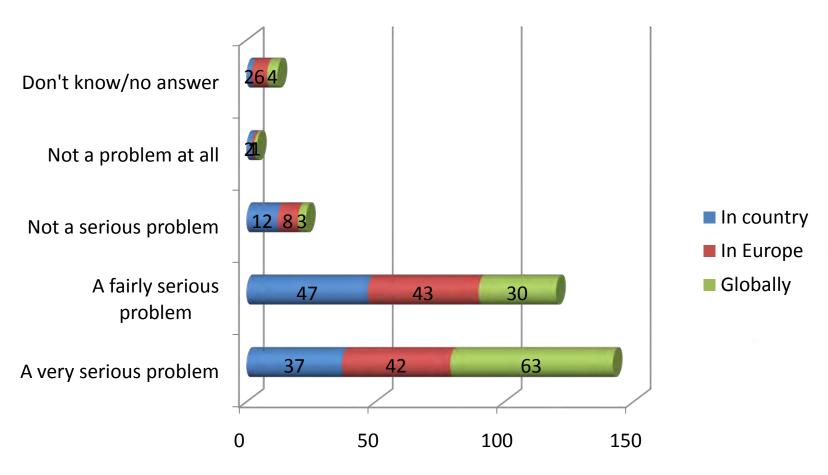








Seriousness of biodiversity loss - 2010 (%)



Source: EU – Flash Eurobarometer N° 290



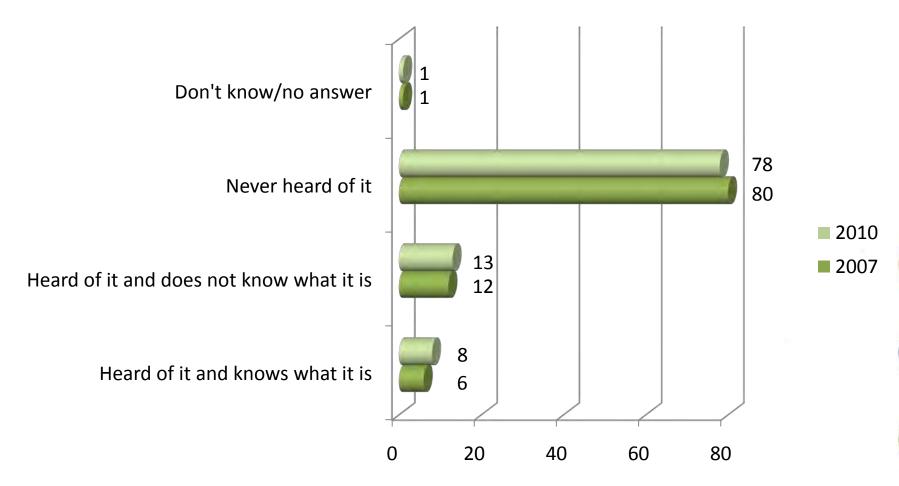








Awareness of the Natura 2000 network (%)



Source: EU - Flash Eurobarometer N° 290



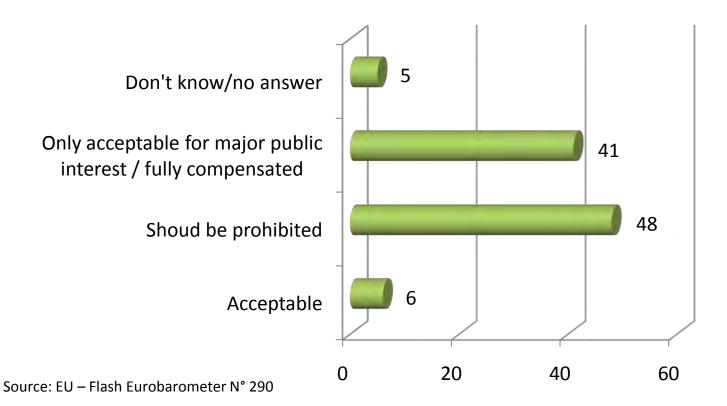








The impact of economic development on nature protection areas





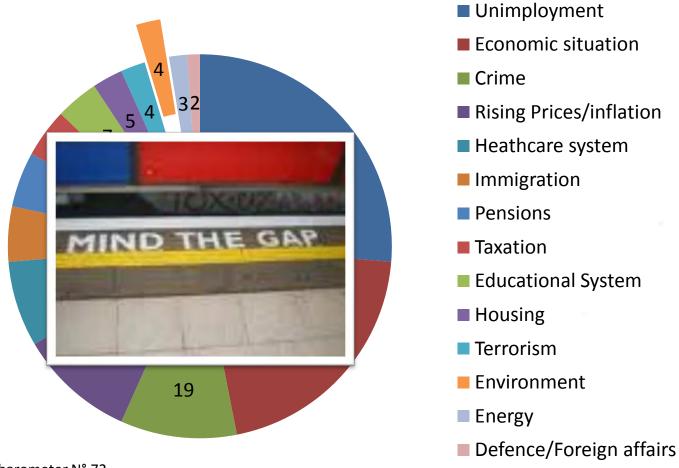


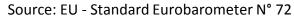






Most important EU issues (%) - EU 27 (2009)









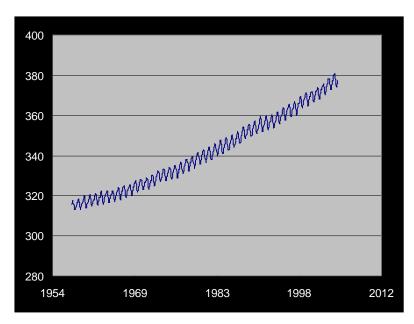






→ A Global view

CO2 concentration (ppm)



Source: Keeling and Whorf, 2005.

CO2 concentration (ppm)

- Global CO2 concentration is increasing very fast
- Currently up to 380 ppm
- Climate Change is a global problem















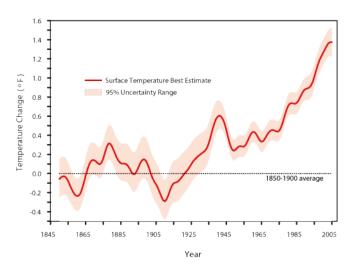


→ A Global view

Global Surface Temperature (°C) 1860-2000

Global Surface Temperature Trends

1850 - 2005



Data Source: Brohan, P., J. J. Kennedy, I. Haris, S. F. B. Tett, and P. D. Jones. 2006. Uncertainty estimates in regional and global observed temperature changes: a new dataset from 1850. Journal of Geophysical Research 111: D12106, doi:10.1029/2003JA009974.

© Crown copyright 2006; data provided by the Met Office

Global Surface Temperature (°C)

- Increasing temperatures since 1970
- In 2000 GST increased to +/- 1°C
- Estimation: increase GST of 3,5°C

















→ A Global view – something wrong?

Some examples



- Australia: drought annual shortage of 231 billion litres of water – 15 million US\$ a year
- Greenland: annual loss of ice: 200 km³
- **Germany**: flood Elbe river: 2,7 billion US\$
- United States:
 - Hurricane Katrina 2007: 90 billion US\$
 1836 people died
 - Oil disaster Gulf of Mexico 2010 daily 800.000 litres of oil

• ..



















We are responsible for Climate Change!





→ A Global view – red list

Red List of the International Union for the Conservation of Nature (IUCN)











Threatened with extinction:

- 1 bird out of 8
- 1 mammal out of 4
- 1 conifer out of 4
- 1 amphibian out of 3
- 6 marine turtles out of 7

Biodiversity loss is high!

- Species extinct 1.000 times faster
- This biodiversity loss has grim consequences for humanity
- Over 1,1 billion people are directly threatened by the loss of fish stock





















→ 2010, international Year of Biodiversity



World leaders agreed to several other important targets at the 2005 World Summit. I recommend the incorporation of these commitments into the Millennium Development Goals. This includes: [...] a new target under Goal 7: to "Significantly reduce the rate of loss of biodiversity by 2010".

Ban Ki Moon, 2008

















How to solve Global problems?

Biodiversity and Climate Change: Twins!



- We all recognize the problem
- IPCC, GDG, TEEB, RED LIST, CDB, IUCN, WWF,
- Do we have SOLUTIONS?
- How to save the world?
- How to save ecosystems?
- ... it's up to us! People!

















Communication ... The relationship between football and biodiversity



















"Regionaal Landschap Kempen en Maasland" as an answer for global problems

On the intersection of Biodiversity, landscaping, cultural heritage and sustainable tourism



Regionaal Landschap Kempen en Maasland

- North-east Belgium (Flanders)
- Former Coalmine region
- 12 municipalities 75.000 ha
- 300,000 inhabitants
- Most important region for biodiversity Flanders
- NGO partnership all target groups involved (...)
- Integral sustainable approach
- (Re)connection Model



























in het spoor van de natuur





























Nature for Life





Kansen voor natuurverbindingen





Start verkennerswerking













Wandelgebied Aldeneik







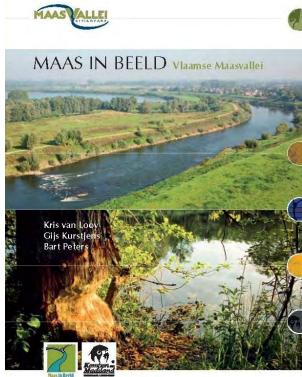












Symposium Maasvallei

Maas in Beeld











"(Re)connection Model", an answer to the loss of biodiversity

Reconnecting biodiversity and society: an interesting opportunity!



(Re)connection Model

- (Re)connect nature with nature
- (Re)connect people with nature
- (Re)connect business with biodiversity
- (Re)connect policy with practice

Output

- Responsible regions
- More & better nature & biodiversity
- More support & awareness for biodiversity
- More awareness for ecosystem services
- More economic benefits due to biodiversity
- Increased awareness for Corporate Social responsibility (CSR)
- more & better sustainable policies

















Regionaal Landschap Kempen en Maasland

Boundless Parks

















(Re)connection Model

Biodiversity, an opportunity for sustainable regional economic development

Think globally, act locally and change personally

- Model is used as an example for the world by IUCN
- Collaboration/exchange advice with other regions: France, UK, Netherlands, Germany, Italy, Latvia, U.S., Cambodia, ...











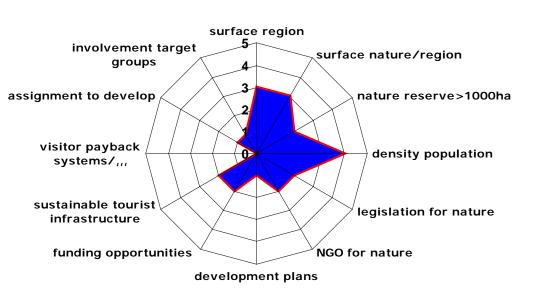








Quick scan (1) – Assessment radar for (other) regions



Concept: © RLKM

Quick scan (1)

- Survey based on ~ existing knowledge
- integration policy
- Indicates development possibilities
- Good indication for future opportunities

- 1. Survey of well chosen indicators
- 2. Valuating indicators
- 3. Opportunities









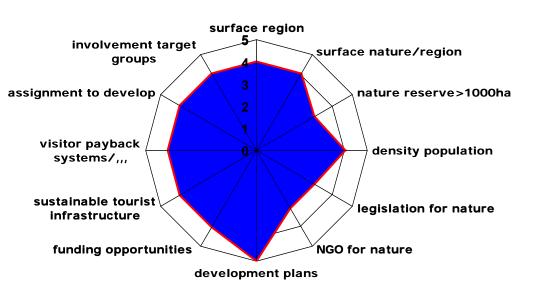








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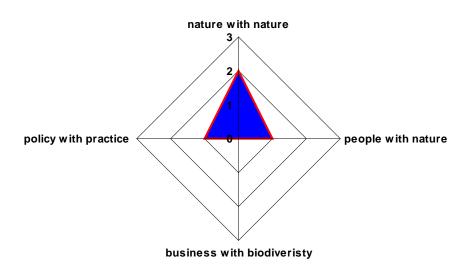








Quick scan (2) – Assessment radar for (other) regions



Concept: © RLKM

Quick scan (2)

Survey on opportunities for (re)connection

- 1.(Re)connect nature with nature
- 2.(Re)connect people with nature
- 3. (Re)connect business with biodiversity
- 4. (Re)connect policy with practice









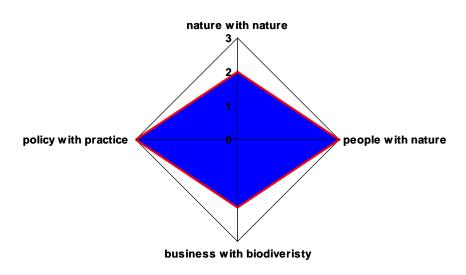








Quick scan (2) – Assessment radar for (other) regions



Concept: © RLKM

Quick scan (2)

Survey on opportunities for (re)connection

- 1.(Re)connect nature with nature
- 2.(Re)connect people with nature
- 3. (Re)connect business with biodiversity
- 4. (Re)connect policy with practice

















- !!! Biodiversity intrinsic values = basis
 - Incorporate quality control // evaluation
- Overall plan: from idea to realisation Umbrella model bottom up approach
- Integral approach → thematic & policy integration all target groups involved
- Relation Nature reserve >< landscape (impact zone)
 - Accessibility at the level of the landscape (lower pressure)
 - Visitor facilities "outside" of the national park/nature reserve
- Financial basis (!) cf. bicycle network // National Park
- Agreement in unity of structure, policy, development & approach
- Responsibility & Leadership & Quality control
 - Everybody responsible, nobody licensed to act



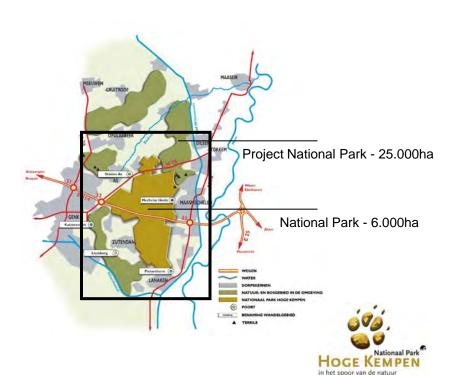






Hoge Kempen National Park

A fantastic example - (Re)connection Model to help other regions in the world



Why Hoge Kempen National Park?

- Example to save biodiversity in the world
- Responsibility of crowded, prosperous regions
- Reconnecting society
- High Economic benefit



Yellowstone National Park - 1871

"for the benefit and the enjoyment of the people ...













BRANDING

Creating a strong Corporate Identity





in het spoor van de natuur



LOCAL GATEWAYS















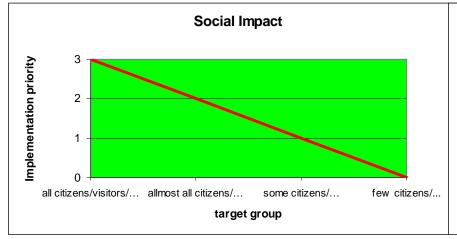


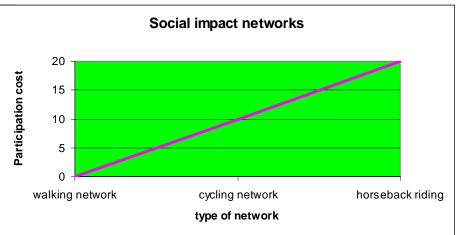






Social impact





! Positive discrimination of networks for disabled people









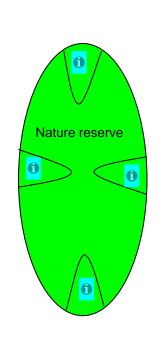


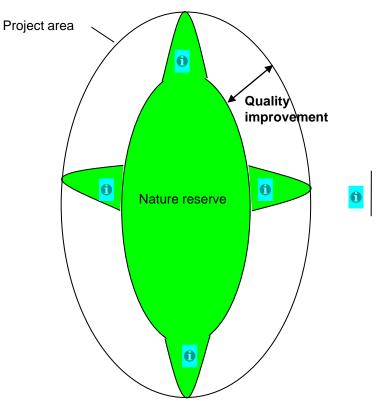


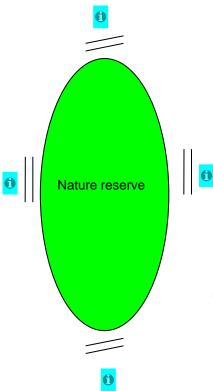




Local gateways – extension model







Classic Concentric Model "fragmentation/quality

loss"



Classic Model

Gateways not connected with main





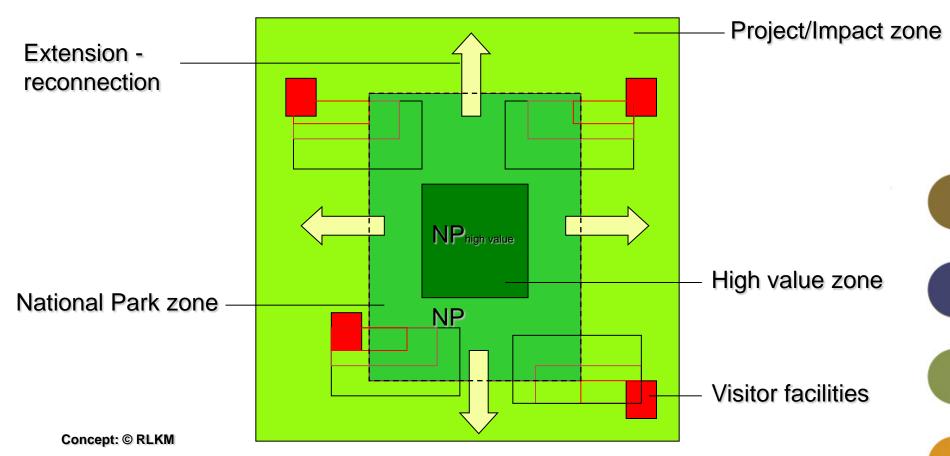








"Project" National Park Smart zoning/schematic





















Reconnection Construction Eco-ducts









Restoration









Sustainable Tourism















Partners

- Partner 1 : **Belgium** Regionaal Landschap Kempen en Maasland (LEAD partner)
- Partner 2 : **U.K** Groundwork Wales on behalf of the Valleys Regional Park
- Partner 3 : France Parc Naturel Régional de l'Avesnois
- Partner 4 : France Espaces Naturels Régionaux
- Partner 5 : **France** Parc Naturel Régional Scarpe Escaut

Timeframe

□ 2010 − 2013

Budget

☐ Total:

4.131.790 Euro

☐ ERDF:

2.065.865 Euro (50%)







