Funding for Nature and Landscape international: benchmarking

Aris Gaaff 18 January 2008 SELS workshop





### Netherlands: total expenditure on Nature + Landscape

## 1 100 million Euro (2005)

- 77 % public
- 23 % private
- € 67 per capita
- 0,2 % GDP

## Excluding:

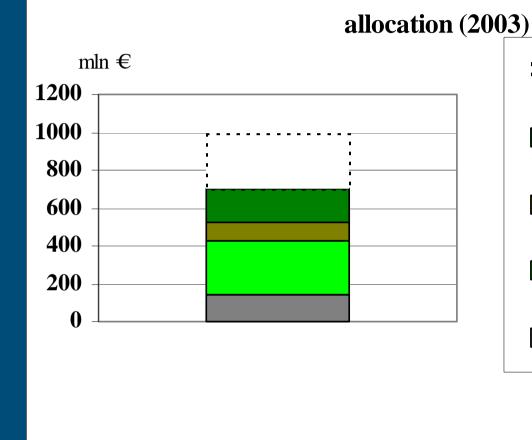
- International projects: 350 million Euro (>90% public)
- Research: 30 million Euro (estimated)
- Local management of parks, green tubs, etc.

## Including:

- tax facilities: 70 million Euro
- EU contribution: 60 million Euro
- transaction costs (including policy & legislation): 30%



# Principal allocation: a simple picture...



Overhead etc.

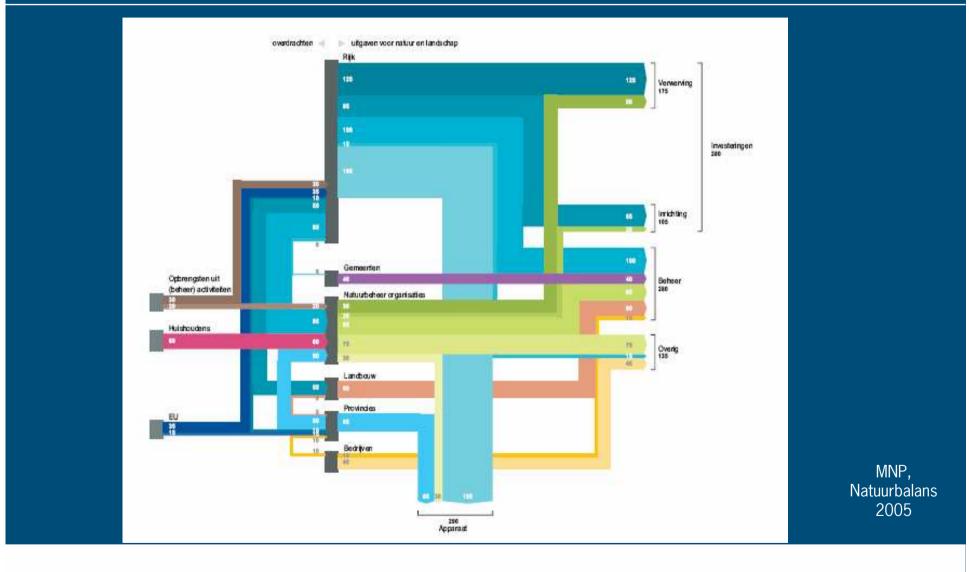
- Land acquisition
- Nature development
- Nature management

Other

MNP, Natuurbalans 2005

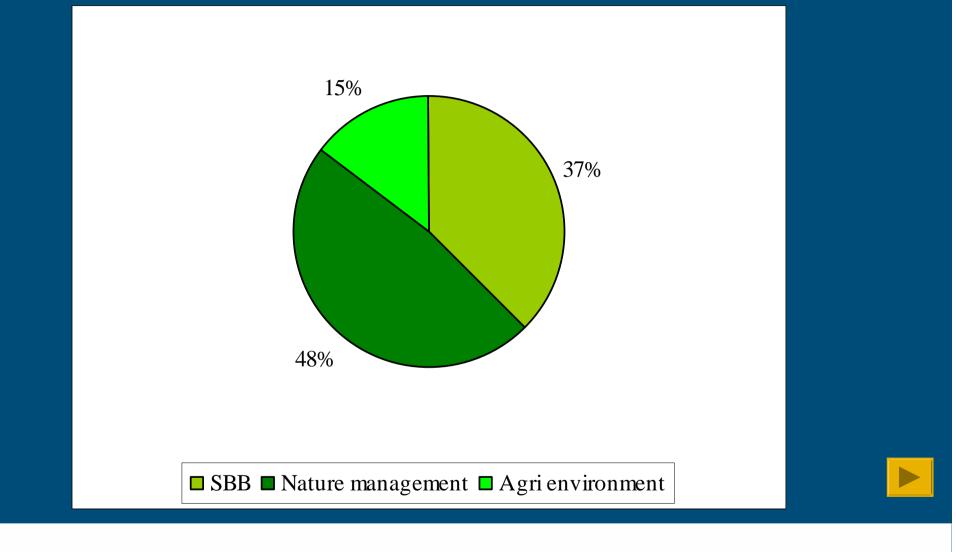


# ...but a complicated flow chart





#### Example: area funded under various management schemes





# Stability of funding: changing contexts

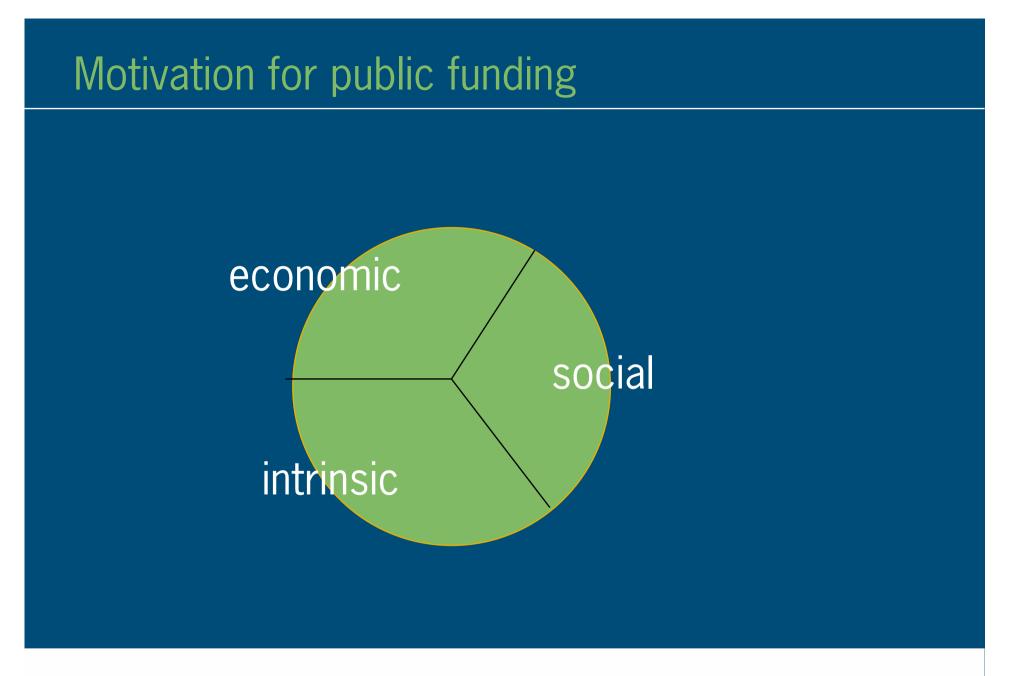
#### In the long run:

- NEN completed (2018), only management costs of nature
- Economic position of the Netherlands ?
- From public to private ?
- From sectoral policy to integral, regional, policy

#### Assumptions 2007:

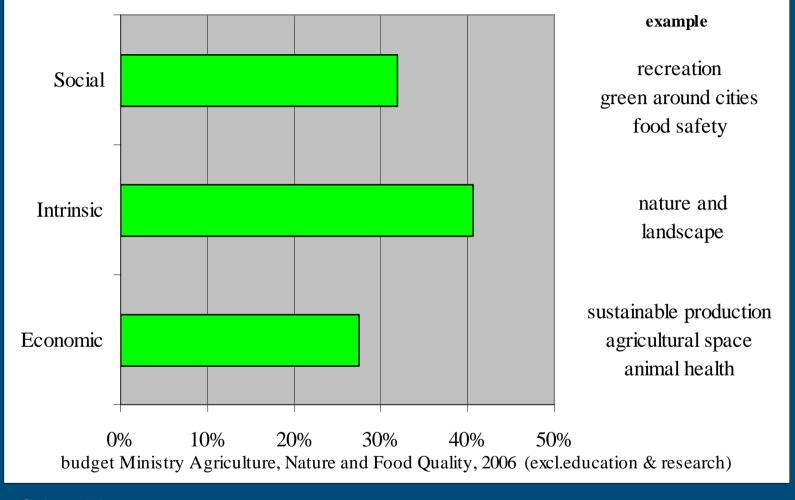
- Agriculture will be able to produce nature & landscape as a byproduct for a long time
- Sustainable support for public funding
- Stability in EU regulations







# Motivation of Public Expenditure



Smit et al, in prep



# Conclusions and research questions

- Expenditure for Nature and Landscape in the Netherlands has been relatively stable, at a level of 1,100 million Euro (2005), or 0,2 % GDP, or € 67 per capita
- More than 75% is public money, motivated by various reasons; intrinsic value seems to play an important role, but motives may change over time
- What is the relative position of the Netherlands in European context:
  - In monetary values (% GDP, per capita) ?
  - In public and private shares ?
  - in motivation ?
- How could any differences be interpreted, considering differences in nature and landscape and in cultural and institutional context ?



# Some references

MNP (2005a), Natuurbalans 2005, Netherlands Environmental Assessment Agency (MNP), Bilthoven CBS (2007), Statline and private communication Gaaff, A. and R. Verburg (2007), *Indicators for the Convention on Biodiversity 2010*, Werkdocument 53.11, WOT Natuur & Milieu, Wageningen Smit, H., A. Gaaff and A. de Blaeij (2007), Financiering van natuur en landschap op langere *termijn*, LEI, Den Haag (in prep.)



# Questions

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## Nature Management schemes

- Management by the State (SBB): 215,000 ha,  $\in$  40 mln
- Nature Management Subsidy Scheme (SN): 275,000 ha, € 35 mln
- Agri Environment Subsidy Scheme: 85,000 ha, € 45 mln
- (2005, indicative data)



