

Forescene Workshop - Firenze 19-20 october 2006

Scenarios for agri- environmental policy design and implementation

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Objective

- discuss how scenario could be applied to agri-environmental policy design, in order to fit with present and future policy issues

Outline

1. Objectives
2. Personal experience
3. The context
4. A reference framework
5. Wider scenarios
6. Agricultural policy and market scenarios
7. Agri-environmental Policy options
8. Discussion

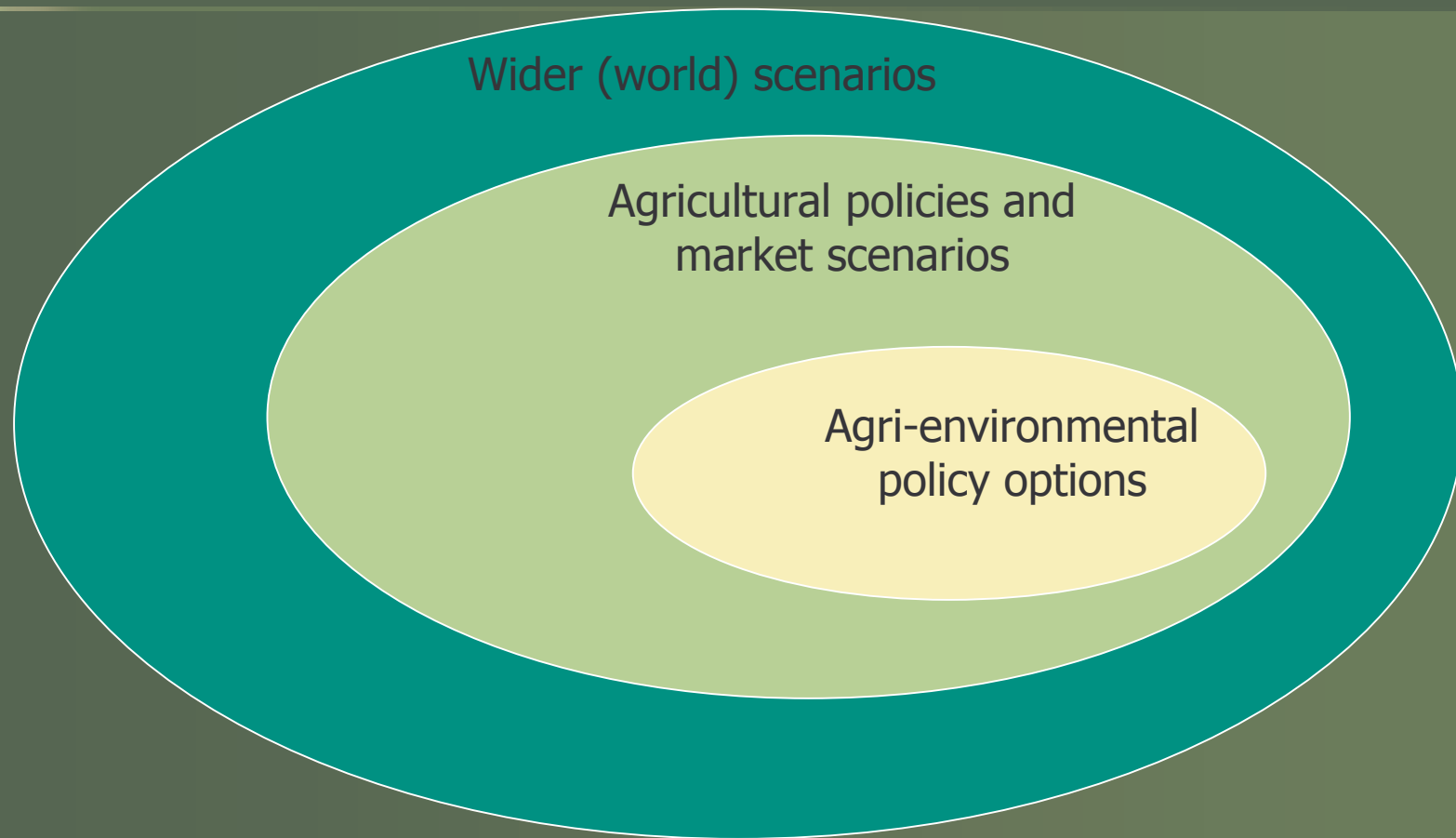
Personal experience & background projects

- **WADI – “Sustainability of European Irrigated Agriculture under Water Directive and Agenda 2000”, 5fp, 2001-2003**
- **ITAES – “Integrated tools to design and implement agro environmental schemes, 6fp (STREP) 2003-2006**
- **TENDER J05/13/2005 - Investment behaviour in conventional and emerging farming systems under different policy scenarios**
- **EUROCROP – “Agricultural Research for Improving Arable Crop Competitiveness”, 6fp (CA), 2006-2008**
- **AQUAMONEY - “Development and Testing of Practical Guidelines for the Assessment of Environmental and Resource Costs and Benefits in the WFD”, 2006-2008.**

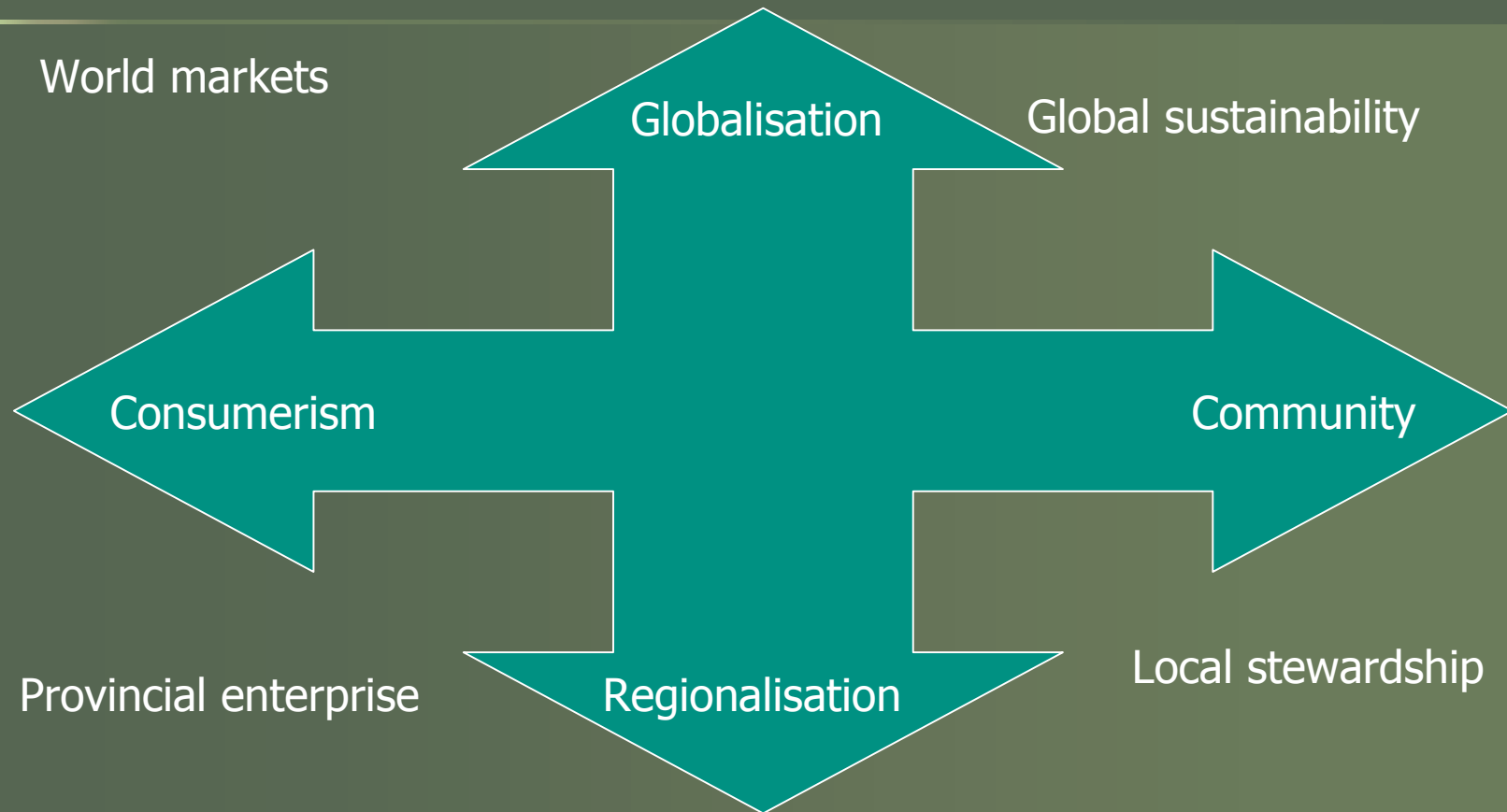
The context

- Huge structural change ongoing:
 - From household to legal entities
 - Agriculture & environment
 - Markets crisis in EU
 - New technologies?
- 2003 reform+RD reform
- WTO negotiations
- What after 2013: rethinking agriculture and AEPs

A reference framework



Wider scenarios (from WADI)



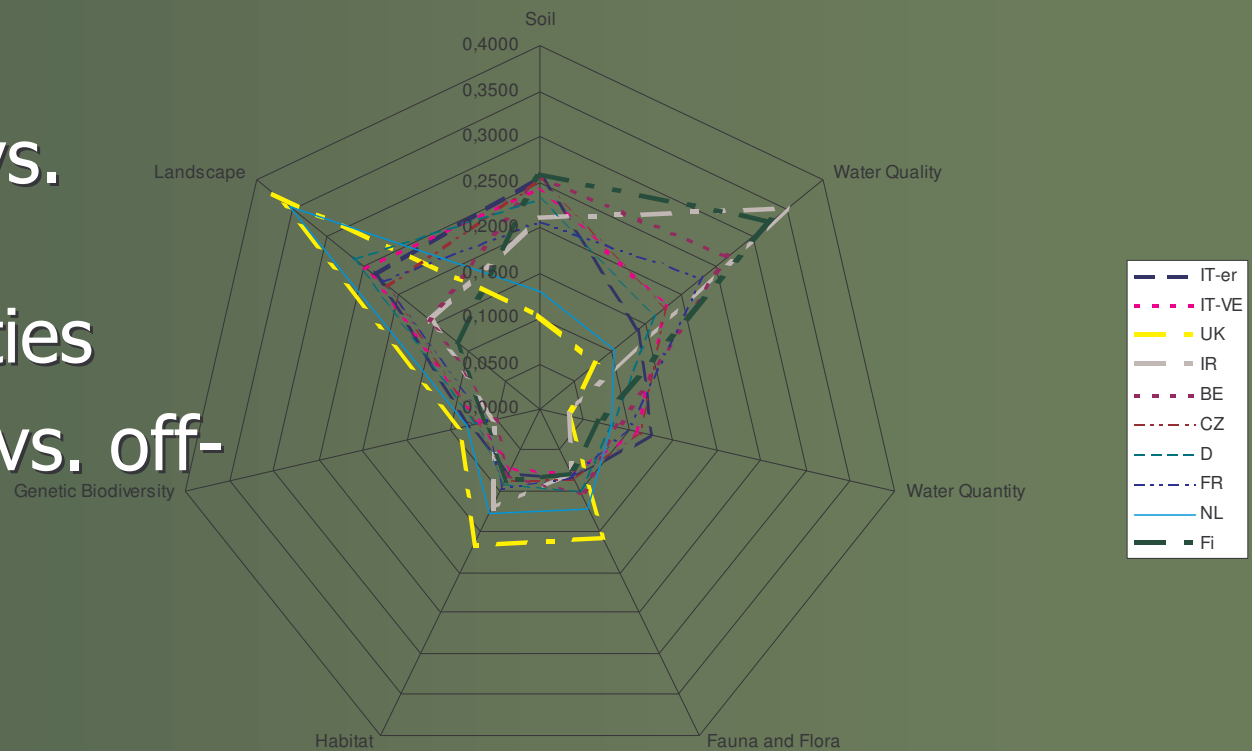
Agricultural policy and market scenarios

- Policy:
 - protection
 - priorities
- Markets:
 - consumption
 - technologies

Agri-environmental Policy options (1) (ITAES)

Objectives:

- Positive vs. negative externalities
- On-farm vs. off-farm



Agri-environmental Policy options (2)

Design (Latacz-Lohman, 2001):

- policy instrument
- target
- addressee
- regulation area
- level of administration
- enforcement strategy

Agri-environmental Policy options (3)

Options (ITAES):

- Large variability
- New perspectives:
 - Connections with other ag. schemes and policies (RD & leader, cros-compliance, reforms, ...)
 - Connections with other policies (urban development and planning, Natura 2000, WFD, ...)
 - Local contracts and markets
 - Auctions
 - Environmental cooperatives
 - Environmental agreements
 - Role of different institutional levels
 - ...

Discussion

- Connection between scenario levels
- Huge uncertainty
- Relevance of non farming factors
- Scenarios to affect the future!

References

- WADI

- <http://www.uco.es/grupos/wadi/wadibook.pdf>

- <http://www.uco.es/grupos/wadi/>

- ITAES

- <http://merlin.lusignan.inra.fr/ITAES/website>

Thank you

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