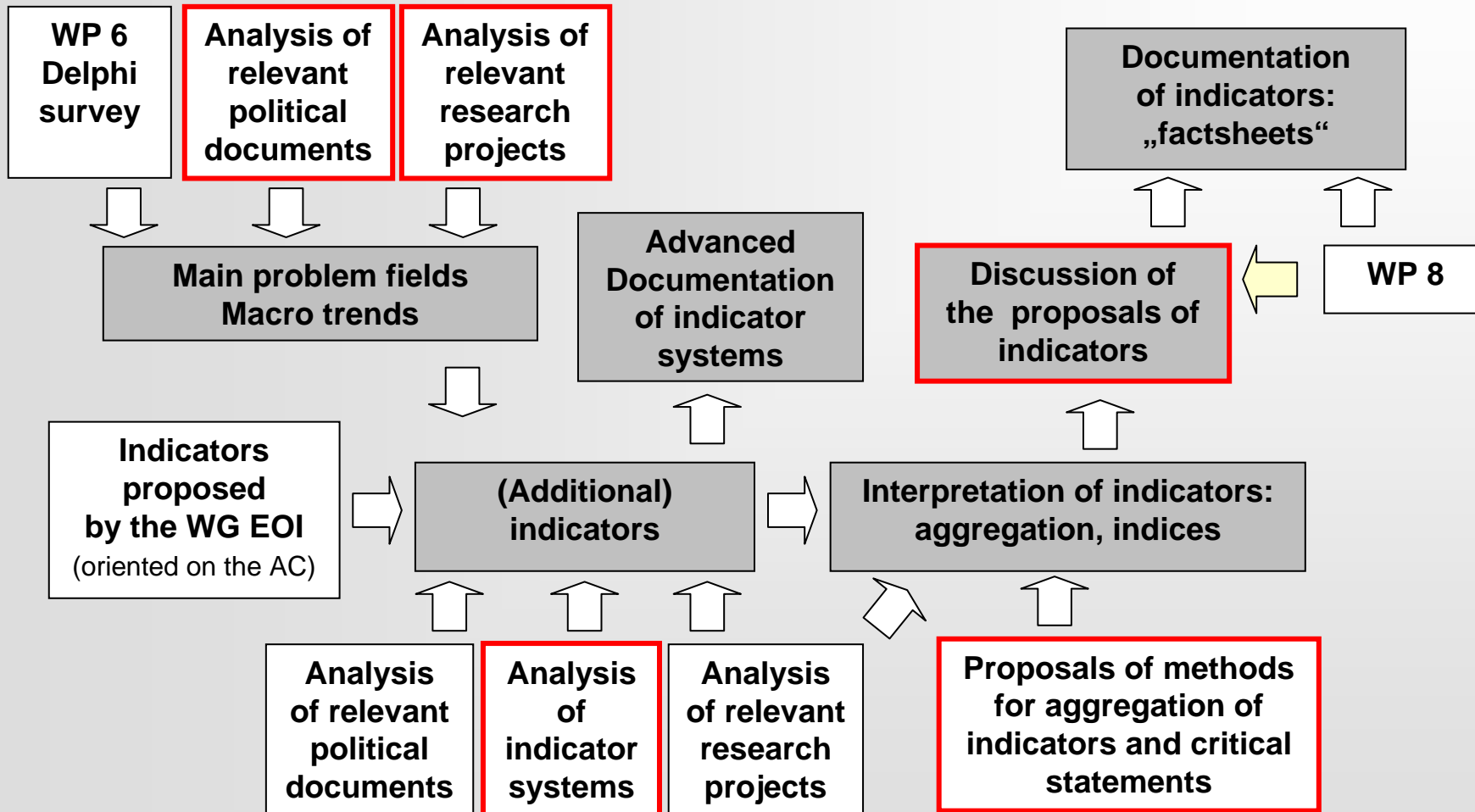


WP 7: Identification and Selection of Indicators





Analysis

- **National Strategies on Sustainable Development**
- **National Strategies and Reports on Spatial Planning and Development**
- **Social Reports**
- **Research Projects**

Your input:

- **Information about the most relevant documents**
- **Support of the analysing process**
- **Check of the analysis results**

National Strategies on Sustainable Development, Indicators



State	NSSD	Indicator systems
Austria	Bundesregierung: Die österreichische Strategie zur Nachhaltigen Entwicklung 2002	Bundesregierung: Die österreichische Strategie zur Nachhaltigen Entwicklung 2002 (48 indicators)
France	Interministerial committee for sustainable development: National Sustainable Development Strategy 2003	IFEN 2003: 45 indicators of sustainable development – a contribution from IFEN
Germany	Bundesregierung: Perspektiven für Deutschland – Unsere Strategie für eine nachhaltige Entwicklung 2002	Bundesregierung: 21 Schlüsselindikatoren der Nachhaltigkeit
Italy	Ministero dell'Ambiente della Tutela del Territorio: Strategia d'azione ambientale per lo sviluppo sostenibile in Italia 2002	Proposals of the NSSD
Slovenia	Institute for Macroeconomic Analysis and Development: Slovenia in the new decade: sustainability, competitiveness, membership in the EU - the strategy for the economic development of Slovenia 2001-2006 National Environmental Action Programme (NEAP, 1999) NSSD in preparation Development Report 2005	Institute for Macroeconomic Analysis and Development: 43 Development Indicators of the Development Report 2005
Switzerland	Nationaler Bundesrat: Strategie Nachhaltige Entwicklung 2002	Nachhaltigkeitsindikatorensystem MONET
EU	EU Sustainable Development Strategy 2001 (review shall result in clearer objectives and targets until 2005)	Sustainable Development Indicators to monitor the implementation of the EU (EUROSTAT) 2005

National Strategies and Reports on Spatial Planning and Development, Indicators



State	Regional Planning	Indicator System
Austria	ÖROK: Österreichisches Raumentwicklungskonzept 2001	Indicators of the "Tirol Atlas"
France	Prefecture de la Région Provence-Alpes-Côte d'Azur: Contrat de plan Etat Région 2000-2006	<i>inquired</i>
Germany	Bundesamt für Bauwesen und Raumordnung: Raumordnungsbericht 2005	Indicators and Indices in the RD Report INKAR
Italy	Regional Pluriannual Programs for Development ???	<i>inquired</i>
Slovenia	Regional Development Report for 2003 Spatial Development Strategy of Slovenia (SPRS) 2004	<i>inquired</i>
Switzerland	Bundesamt für Raumentwicklung: Raumentwicklungsbericht 2005	MONET (BFS, BUWAL, ARE) Indicators as part of the RD Report
EU	ESDP (European Spatial Development Perspective)	EU Structural Indicators ESPON: European Spatial Planning Observation Network (development of an indicator system until 2006)

Social Reports



State	Social Reports
Austria	Bericht über die soziale Lage 2004 Regionaler Armutsbericht für das Bundesland Salzburg 2002 Sozialbedarfserhebung im Bundesland Tirol 2003 Bericht über die soziale Lage im Vorarlberg 2000
France	
Germany	Lebenslagen in Deutschland, Armuts- und Reichtumsbericht 2005 Leben in Bayern – sozial, familienfreundlich, leistungsstark 2005
Italy	Sozialbericht 2002 für Südtirol
Slovenia	
Switzerland	Sozialbericht Schweiz 2004
Europe	Armutsbericht der Caritas Europa Advance Social Watch 2005

Research Projects: possible input for DIAMONT



Project	Title	Input for DIAMONT	Limitations
RAUMALP	Raumstrukturelle Probleme im Alpenraum	⇒ Indicators	limited to Austria
REGALP	Regional Development and Cultural Landscape Change: The Example of the Alps	⇒ Central problem fields (driving forces and impacts), describing regional development types, harmonising data, indicators	very restricted set of indicators
NEWRUR	Urban Pressure on Rural Areas	⇒ Central problem fields, classifications, indicators / parameters	limited to the thematic field of urban sprawl and rural development
MARS	Monitoring the Alpine Region's Sustainability	⇒ Indicators, aggregation	restricted to the regional level, not problem-oriented, environmental sector is under-represented
SUSTALP	Evaluation of instruments of the European Union as regards their contribution to sustainable agriculture in the Alps	⇒ Indicators, harmonizing data, classification of agriculture in the Alps	restricted to agriculture
FUNALPIN	Virtual Future: New Types of Alpine Landscape	⇒ Indicators, FUNalpin Module Certification, aggregation	limited to Switzerland



First experiences

Great variety of indicator systems does exist.

⇒ **No need for developing new indicators.**

Very detailed analyses of indicator systems have already been done in different contexts.

⇒ **No need for realizing a new compendium of indicator systems.**

Instead of that: urgent need for making more use of these results for SOIA

- **Indicator system applicable for the whole Alpine bow**
- **Well balanced selection of indicators for the economic, social and environmental pillar of sustainability**
- **Indicators based on data available preferably for the municipal level**
- **Selection of indicators oriented on defined problem fields / macro trends**
- **Systematisation and / or aggregation of indicators related to the macro trends**



First experiences and further steps

1) Identification of main problem fields / macro trends:

- Analysis of national documents
- Integration of the results of WP 6
- Identification and description of the main problem fields / macro trends
 - No more than 10 or 12?
- Characterization of the macro trends:
 - Which are important sub-trends, phenomena?
 - Which are the most important causes?
 - Which are the most relevant consequences?



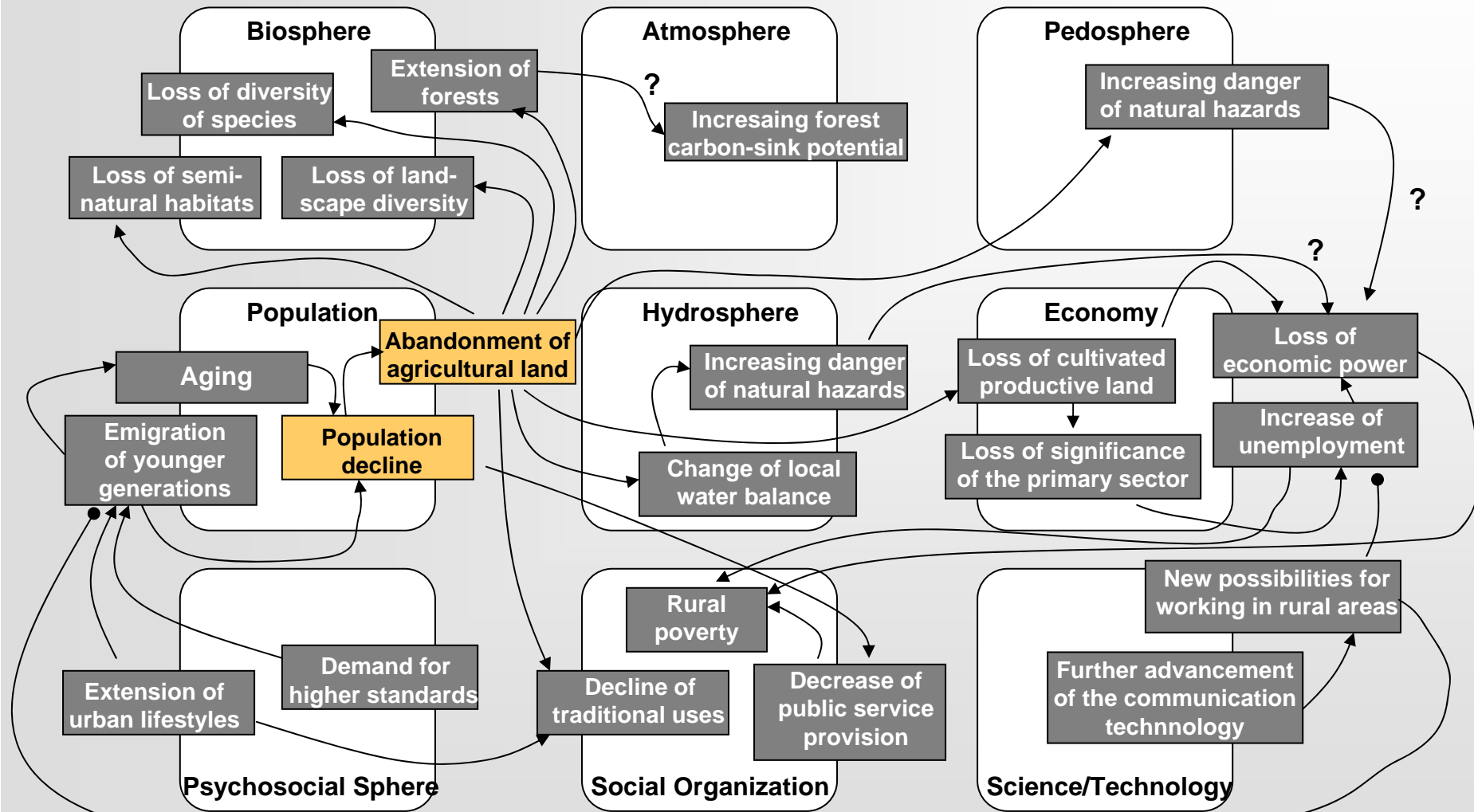
First experiences and further steps

Already identified problem fields / macro trends:

- Urbanization, urban sprawl
 - Rural Exodus
 - Structural changes of agriculture
 - Explosion of traffic
 - Stagnation and concentration of tourism
 - Rural poverty
 - Climate change
 - Loss of biodiversity and natural habitats
 - Increasing use of natural Alpine resources (exportation of drinking water and energy)
- e.g.:
- Natural hazards
 - Loss of fertile soils
 - Soil sealing
 - Air pollution
-
- A diagram consisting of several thin grey lines that connect the macro trends on the left to the specific environmental issues on the right. Lines connect 'Urbanization, urban sprawl' to 'Natural hazards', 'Loss of fertile soils', and 'Soil sealing'. 'Rural Exodus' connects to 'Natural hazards'. 'Structural changes of agriculture' connects to 'Loss of fertile soils' and 'Soil sealing'. 'Explosion of traffic' connects to 'Air pollution'. 'Stagnation and concentration of tourism' connects to 'Natural hazards', 'Loss of fertile soils', and 'Soil sealing'. 'Rural poverty' connects to 'Natural hazards'. 'Climate change' connects to 'Natural hazards' and 'Loss of fertile soils'. 'Loss of biodiversity and natural habitats' connects to 'Natural hazards'. 'Increasing use of natural Alpine resources (exportation of drinking water and energy)' connects to 'Air pollution'.

A lot of environmental problems are/ can be discussed in the context of these problem fields.

Network of the macro trend specific interrelations "Rural Exodus" (sub-trends, causes, consequences)





First experiences and further steps

2) Selection of indicators:

- **Analysis of indicator systems (based on the database of the WG EOI)**

Important starting points should be

- **Indicators proposed by the WG EOI**
- **MARS-Indicators**
- **Sustainable Development Indicators of the EU / EUROSTAT**

Completion of the existing database of the WG EOI



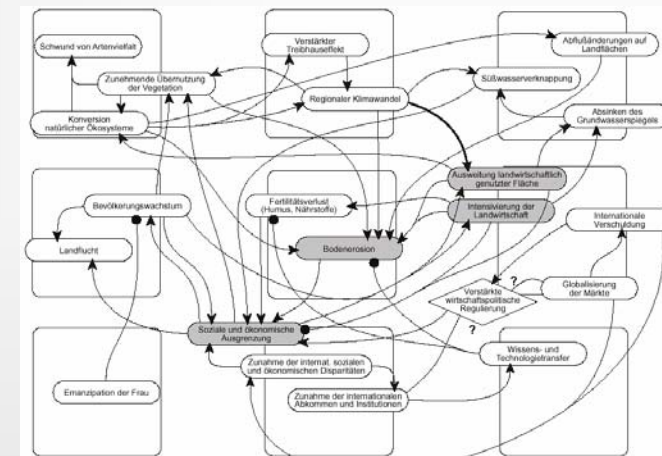
First experiences and further steps

- Assignment of possible indicators to the macro trends / sub-trends

Identification of important thematic gaps

Consolidation:

- National indicator systems
- Other proposals of more specialized indicators as outcome of research projects
- Searching for data sources



Factor analysis of WP 8



First experiences and further steps

- **Documentation of the indicators**

Important starting points:

- **Factsheets of the WG EOI referring to international standards for the documentation on metadata (ISO 19115 and Dublin Core)**
- **Comparison of the metadata documentation of the Nordregio study, the Alpine Network of protected areas and the WG EOI such as the recommendations for the metadata documentation for SOIA**