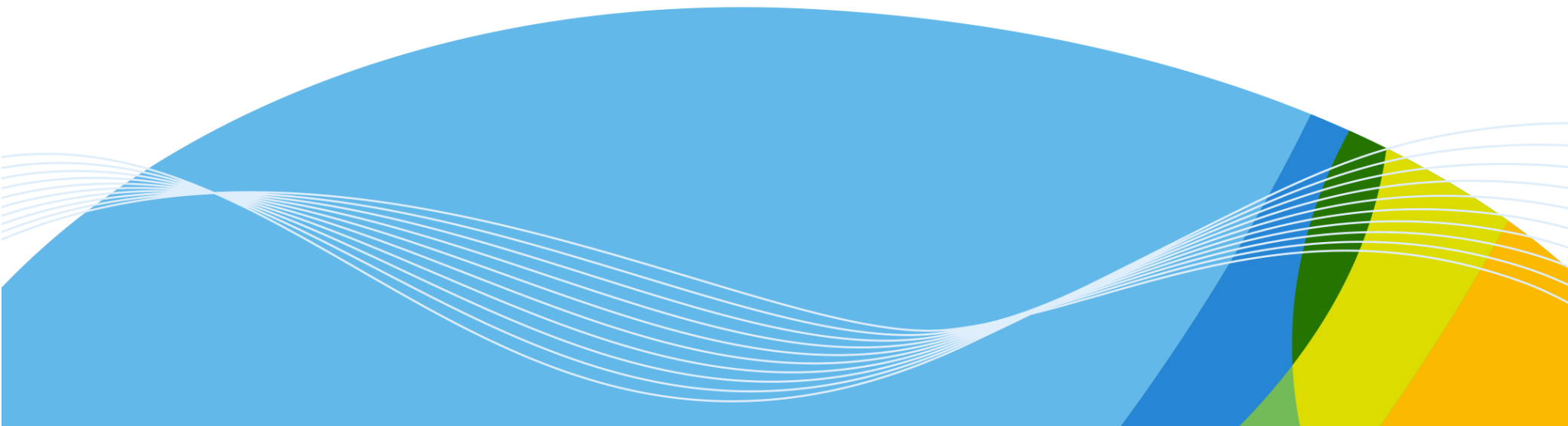




WP6.1 Outline

Review and enhancement of the institutional framework for natural hazard management

Adriaan Perrels (FMI)





WP6.1 objectives

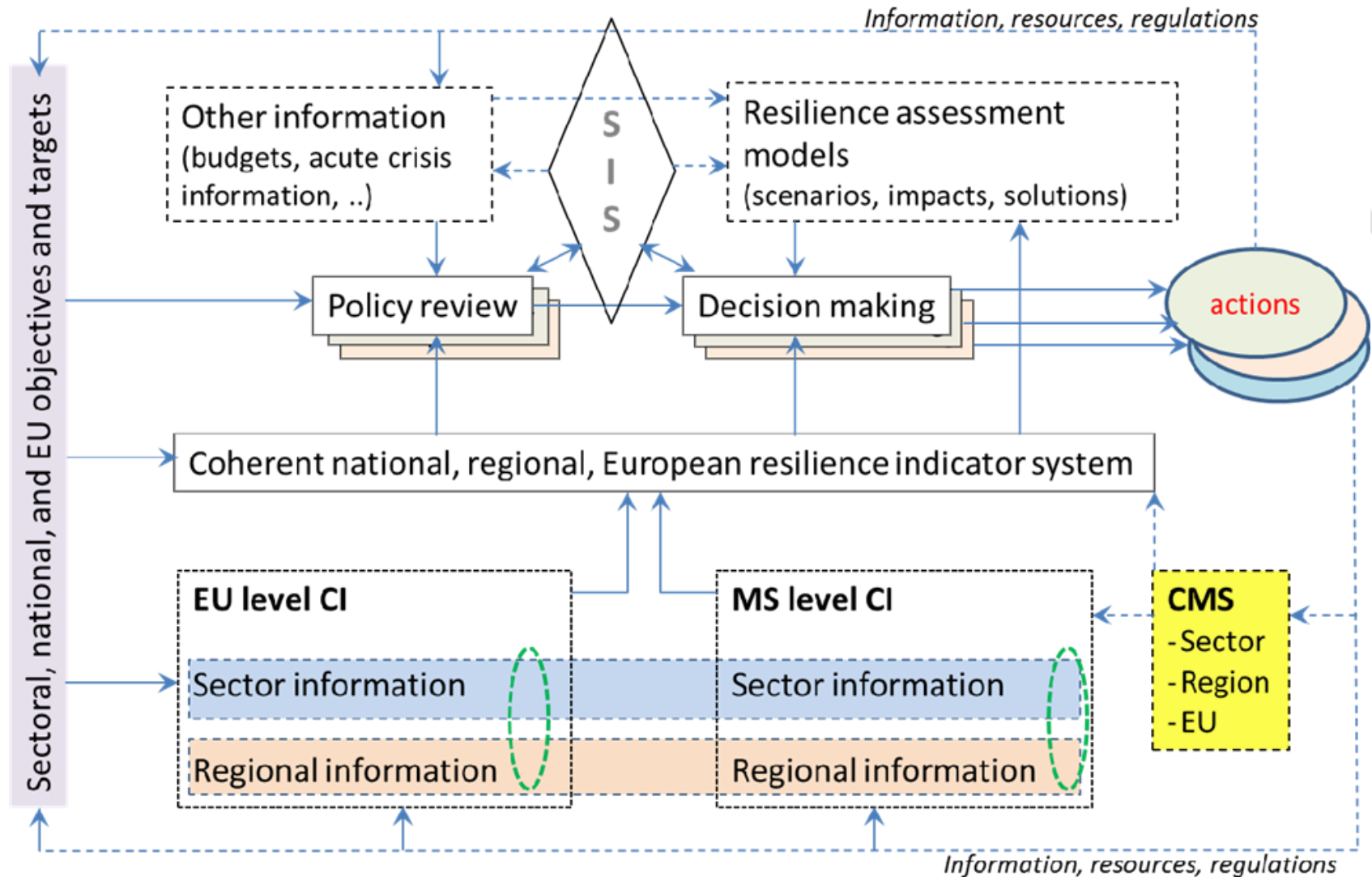
- *comparative and comprehensive overview of how natural hazards are managed*
- *... as a basis for an adequate assessment of needs and options for improvement*
- **Trend:** *from top-down to **networked** forms of hazard management – resilience level, crisis level*
 - *responsibilities, mandates, regulatory coherence*
 - *incentives, resources*
 - *monitoring quality*
 - *information access, transparency, sharing, quality*
 - *role of information in eventual decision making*



WP6.1 4 areas of action

1. promotion of social learning
2. effective incentive structures regarding prevention
3. adequate, timely and equitable access to relevant information, and
4. facilitation of local/regional/multi-lateral (bottom-up) organisations

Outline of resilience management framework (as example for hazard management)



Steps foreseen:

1. Review of the current management regimes
 - Interviews & desk research; 2015
2. Assessment of the strengths and weaknesses found in step 1 (2015 / 2016)
 - Workshop, Interviews, desk research; 2015/2016
3. Identification of options for improvement in each of the 4 areas of action (2016 / 2017)
 - Workshop, Interviews, desk research; 2016/2017
- Interaction with other WPs??
 - **4.3** ; 4.2; **4.1**; 5.1
 - 6.2?



Guiding questions in all steps:

- A. how is natural hazard risk assessment incorporated into land use planning in the Nordic countries?;
- B. how are public or private insurance compensation regimes designed?; and
- C. how can these measures be coordinated and improved to clarify responsibility, reduce conflicts, maintain or promote equity, and incite preventive behaviour and decision making?
- D. more questions?



Participants in WP6.1 (for now):

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FMI in a nutshell

- The Finnish Meteorological Institute (FMI) is the national meteorological service provider of Finland
- WMO member
- Observation, modelling, weather/climate/marine services, consultancy, research
- Staff: 280 services; 370 research & consultancy; 40 administration
- The FMI researchers in NORDRESS work in the unit *Climate Centre – Societal Impacts Group* (within the Research Division)
- Societal Impacts group: 8 researchers (econ; meteo; geogr; engin;)
 - EU studies; Finnish Academy; Ministries; Nordforsk; World Bank
 - Societal – especially socioeconomic – impact and adaptation evaluations
 - Scenario development
 - Role of innovation in weather services and adaptation
 - GIS systems; hazard economics models; econometrics; DSS; mixed studies
- <http://en.ilmatieteenlaitos.fi/> & <http://en.ilmatieteenlaitos.fi/climate-and-society>



Let's start !

