



Management of Large Carnivores Populations

Federal, national and international cooperation: Chances and challenges in Germany

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Bayerisches Staatsministerium für
Umwelt, Gesundheit und Verbraucherschutz



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit



Europe: many nations, shared LC populations

Bear



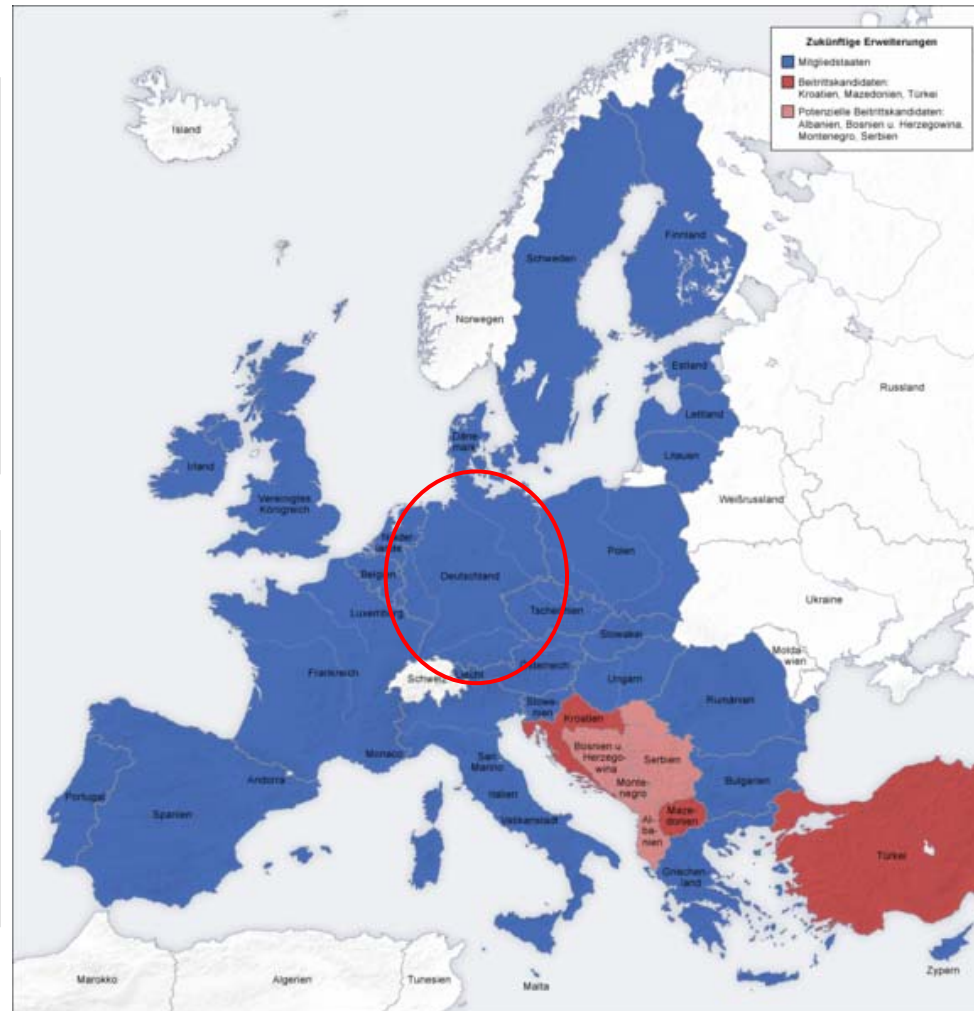
Lynx



Wolf

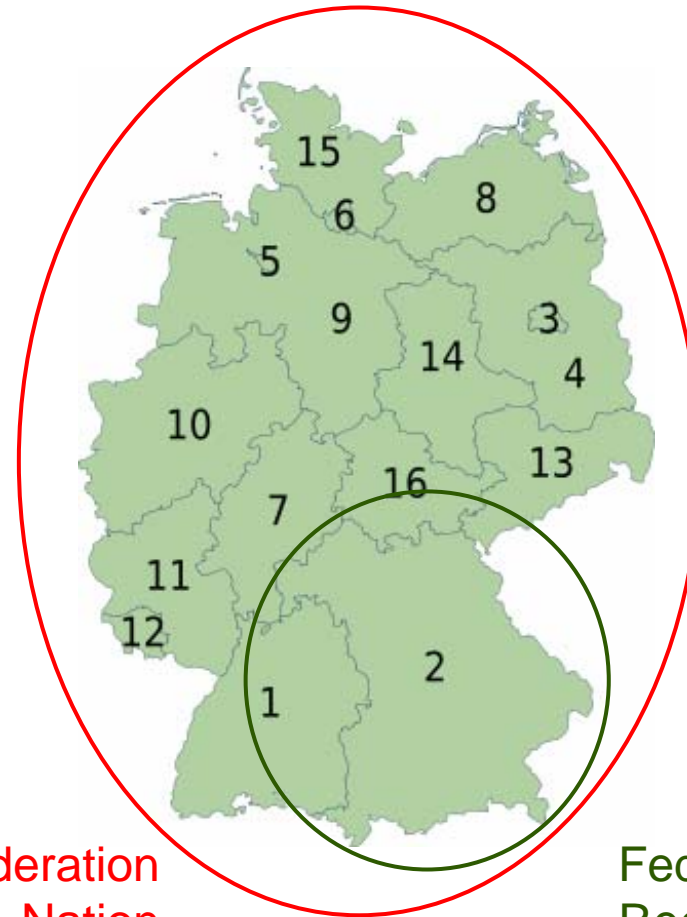


Wolverine





Germany: federal organisation



- 1 Baden-Württemberg
- 2 Bayern
- 3 Berlin
- 4 Brandenburg
- 5 Bremen
- 6 Hamburg
- 7 Hessen
- 8 Mecklenburg-Vorpommern
- 9 Niedersachsen
- 10 Nordrhein-Westfalen
- 11 Rheinlandpfalz
- 12 Saarland
- 13 Sachsen
- 14 Sachsen-Anhalt
- 15 Schleswig-Holstein
- 16 Thüringen

Federation
Nation
National level
Country

Federal state
Region
Province



Obligations – Responsibilities - Competence

National level

International obligations

Representative and addressee



Coordination

Working Group to prepare/support
the regular meeting of the 16 ministers
of environment (+ national level)

Federal States

Implementation of management actions



LC populations: present and future



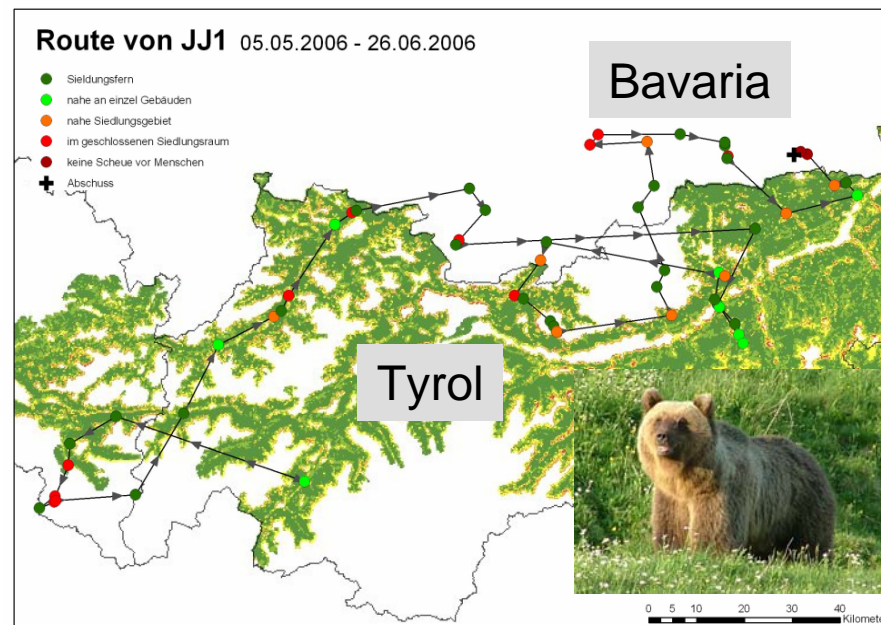


Case Study: Bear



Migration of JJ1 (2006)

- only one federal state concerned
- bilateral coordination with Tyrol (Austria)
- management adopted by Austria
- no coordination within national level
- no international coordination





Case Study: Bear



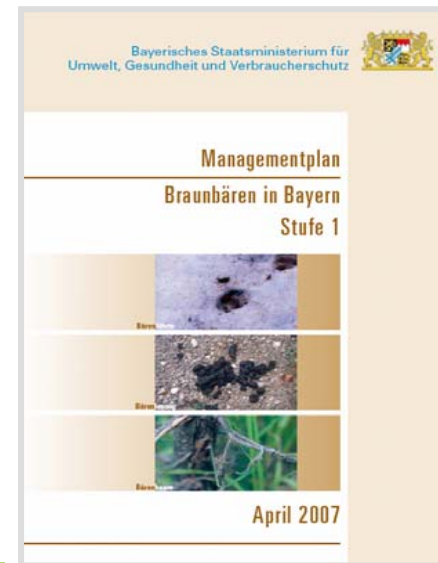
Consequences

- intra- and international irritations (political, technical)
- Alpine wide meetings (expert and administrative level)
- regional management plan



Harmonizing Bear Management
on population level (Alpine Arc)

- recent case study (JJ3)





Case Study: Lynx



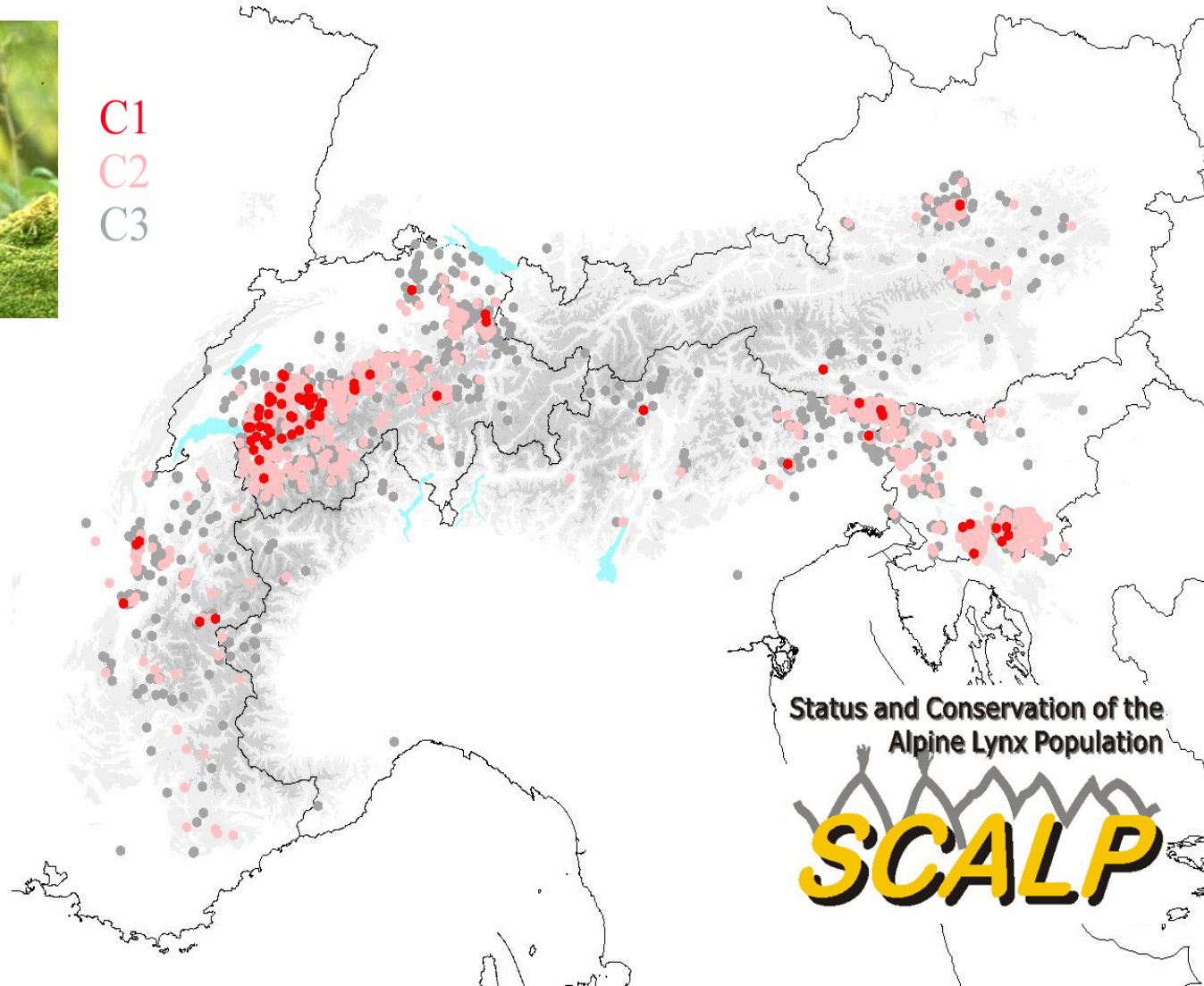
- early cooperation on expert level



Case Study: Lynx



C1
C2
C3





Case study: Lynx



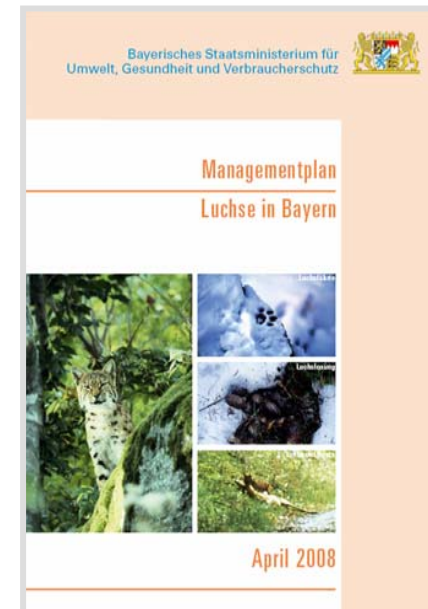
Bohemian-Bavarian
population (1990-2005)



Case Study: Lynx

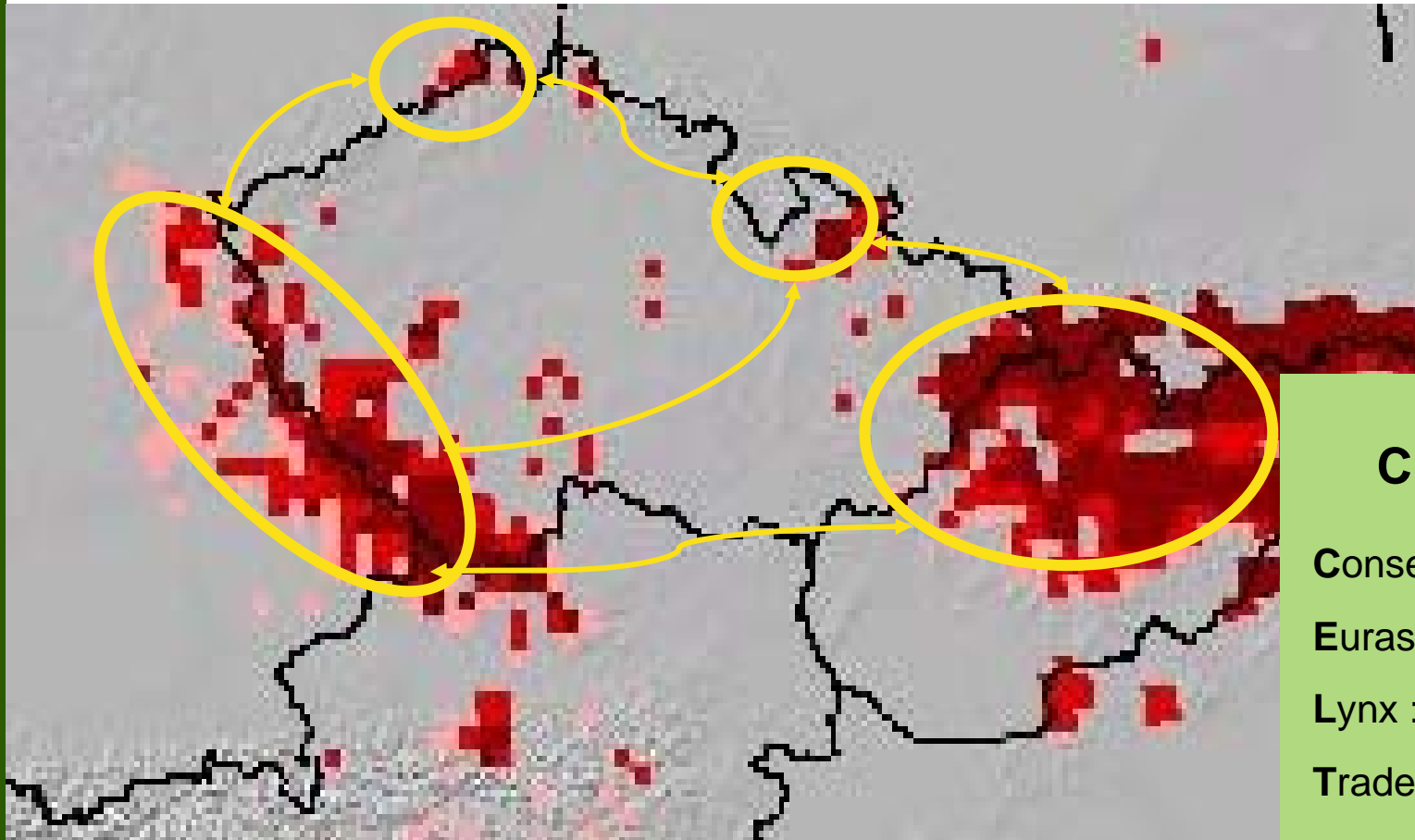


- early cooperation on expert level (SCALP, Bohemian Lynx Group – CELTIC)
- transboundary projects on regional level
- regional management plan
- intra- and international cooperation on the administrative level is beginning
- national level is working on monitoring harmonization / coordination of activities
- harmonization of management needed!





Lynx in Central Europe



CELTIC

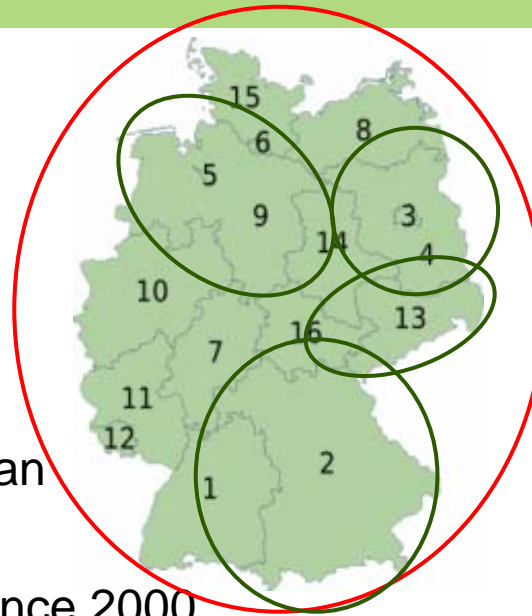
Conservation of the
Eurasian

Lynx :

Trade offs and
International
Cooperation



Case Study: Wolf



- early regional management plan in 1994 (Brandenburg)
- first pack in Saxony; actions since 2000
- initiative of the national level in 2007
- work on regional management plans in Bavaria and in Lower Saxony (in preparation) is based on these technical guidelines
- Saxony is working on a management plan right now
- national level started a project in 2008 (coordination, technical guidance)





Situation and Questions

Situation:

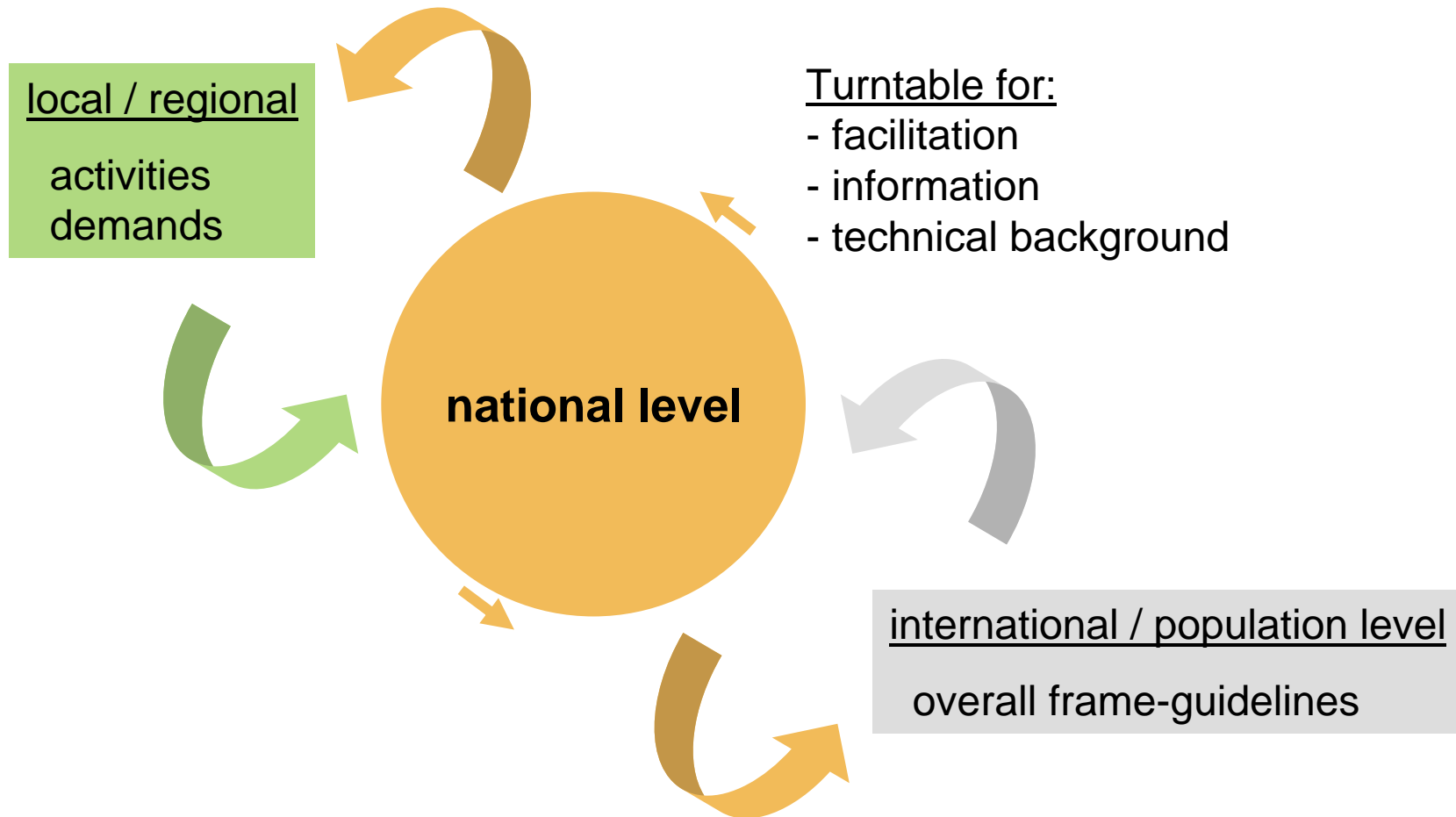
- international obligations/recommendations
- necessity for population based management
- regional competence, initiatives and demands
- heterogenous approaches

Questions:

- who begins?
- when to start?
- where to meet?
- how to adjust?

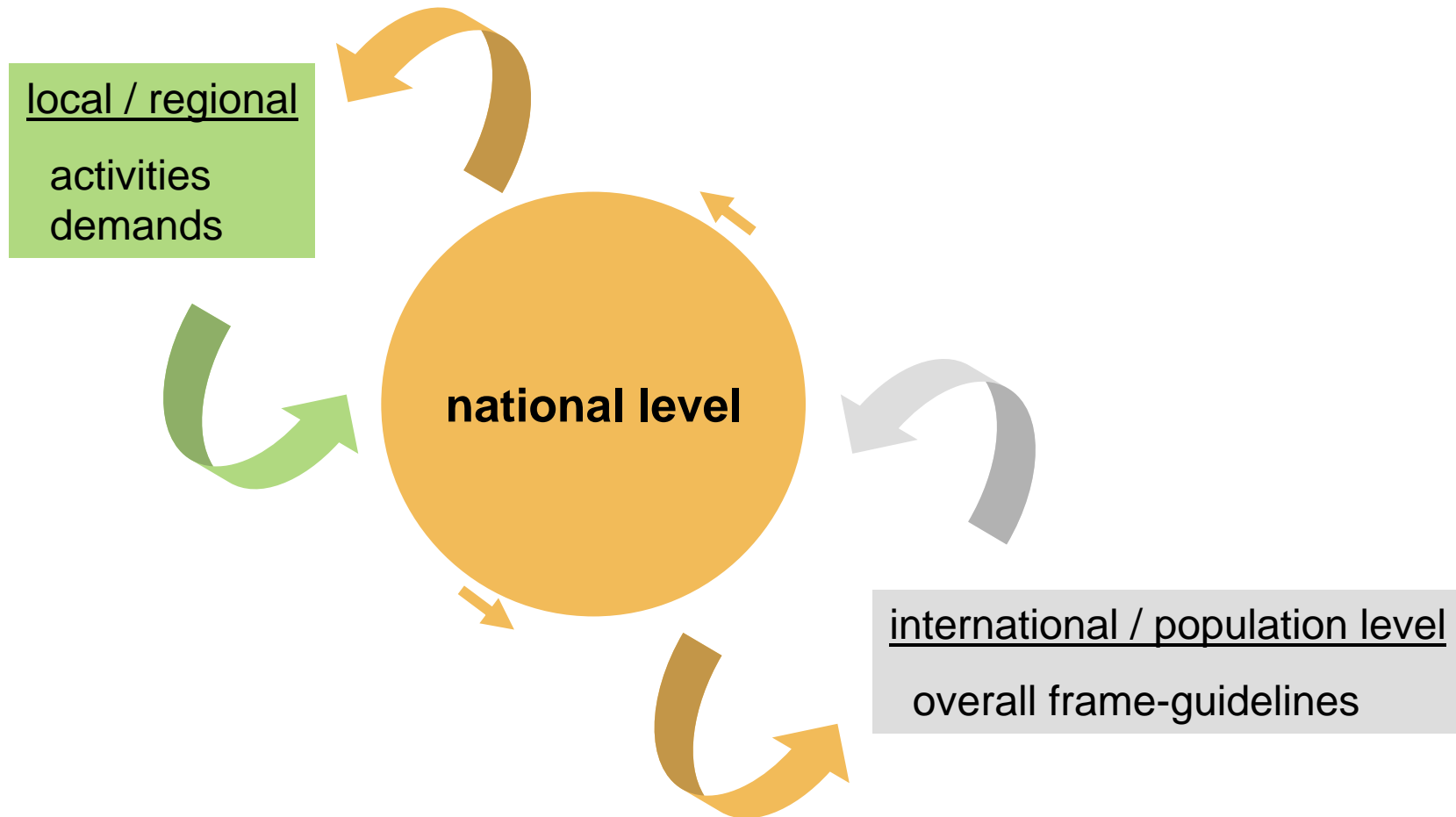


National level as a clearing house



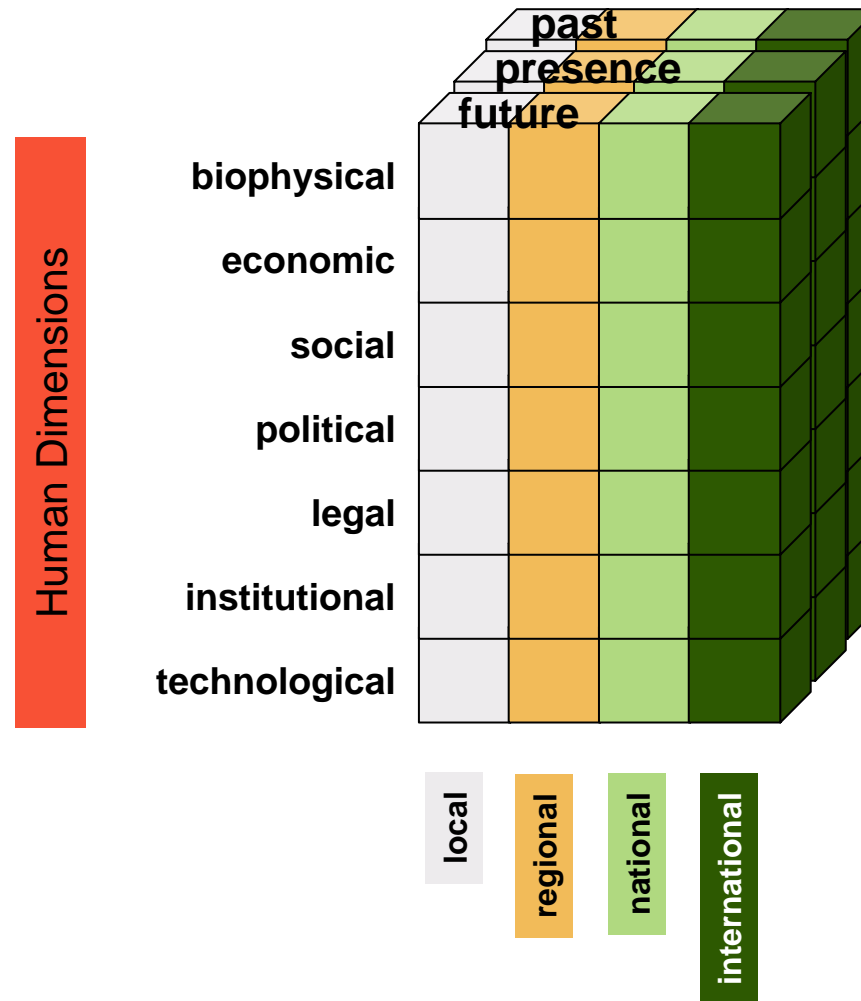


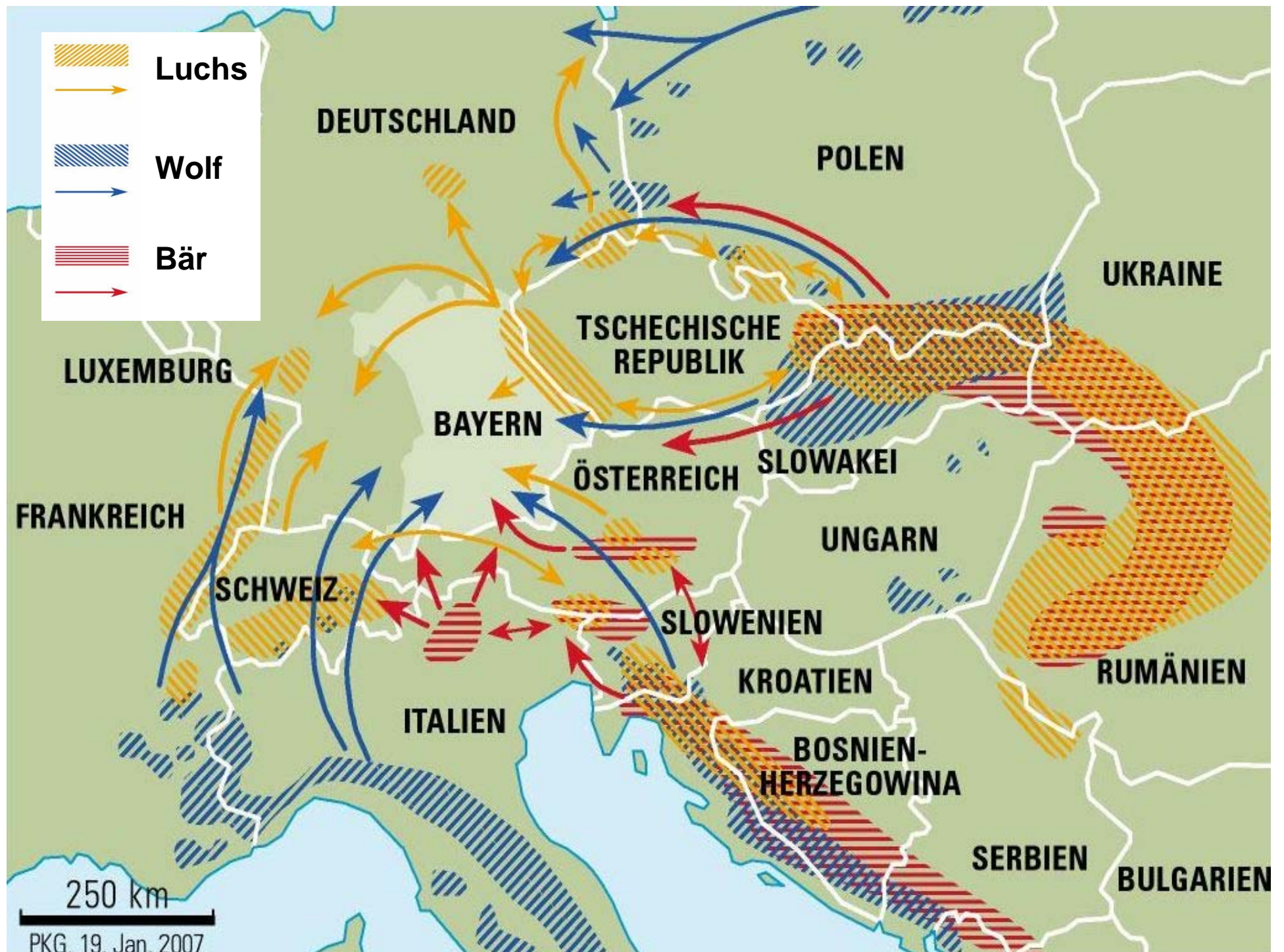
Top down versus bottom up?





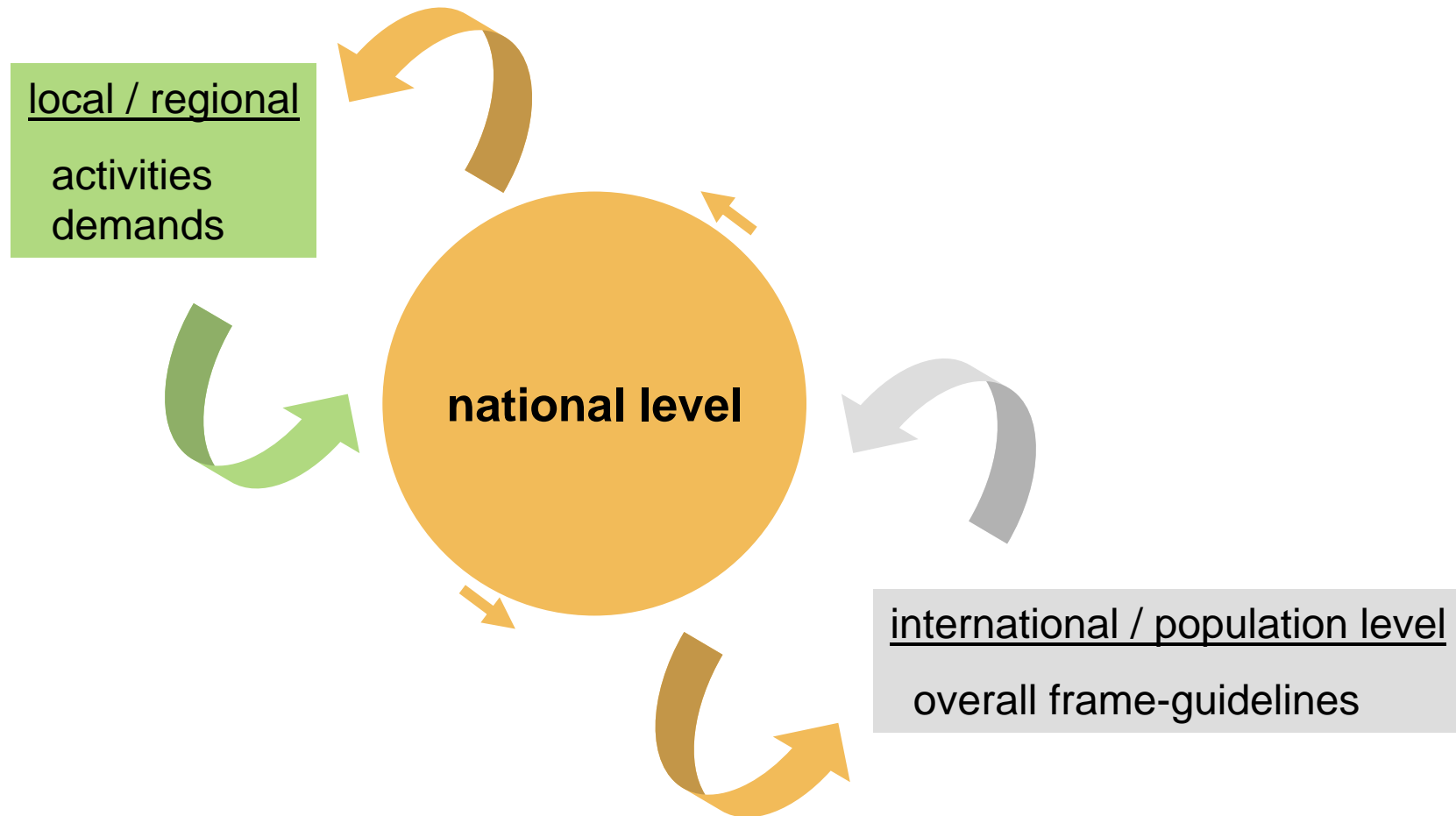
Dimensions in Ressource Management







Clearing house on Human Dimensions as well





Clearing Houses across Europe

