Implementing ecological connectivity in spatial planning - a long lasting process of conversation

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Mag. Gundi Habenicht
From design to implementation...

- Functional and legal basis for ecological connectivity
- Planing Green Corridors
- Connecting scientific and local dimension
- Lessons to learn
Ecological Connectivity

**Legal Demand**
- Convention on Biological Diversity (CBD, 1992)
- Habitat Directive (FFH-RL 92/43/EWG Art.10)

**Significance**
- Specific Habitat Requirements
- Green Corridors
  - Connecting woodland, migratory species
- Facilitating seasonal and daily movements
- Adaption to environmental and climate changes
Habitat Network = Cross Border Cooperation

- Department of Nature Conservation
  - Defragmentation
  - Landscape protection
  - Habitat protection
  - Recreation

- Hunting Association
  - Responsibility for migratory wildlife species like red deer (Cervus elaphus) as Index species

- Department of Spatial Planning
  - Distributing and providing area for each demand

Federal State Agency of Salzburg
Conception

- Project period: 2012-2014
- Intention:
  Location of corridors, crossing strongly urbanised valleys to connect core patches of woodland
- Method:
  GIS-based least cost path analyses, peer-reviewed, Roe deer as index sp.
- Elaborated by:

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Implementing Corridors - a long road to go...
Revision of the local development plan of Pinzgau (LGBl Nr 18/2014)

✓ Request of implementing corridors in writing and talking..
✓ From erupted reactions to serious concerning
  ✓ Clearing up misgivings and preoccupation
  ✓ Collaborating local solutions
District of Pinzgau
Restrictions

- Significant impacts and functional disturbances of the corridor are forbidden, if there are no compensatory measures possible

- Guideline:

  Grünkorridore
  im Salzburger
  Pinzgau
  April 2013
  Leitfaden für die Integration von Grünkorridoren
  in der regionalen Raumplanung

No predefined prohibition
Results

Implementation of 30 corridors in regional planning of pinzgau

Convincing arguments

✓ Protecting rural landscape
✓ Urban sprawl
✓ Floodwater management
✓ Human welfare
Lebensraumkorridore im Pinzgau
Pinzgau 1905
Pinzgau 2015
Lessons learned...

- Opportunities and limits of spatial planning
- Bottom up or drop down - process?
- The obstacle of binding agreements
- Awareness raising
- ...
Thank you for your attention!