

PlanToConnect

Mid-term Workshop input

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Obergurgl, 26-27 November 2024

Implementing ecological connectivity ?

#1

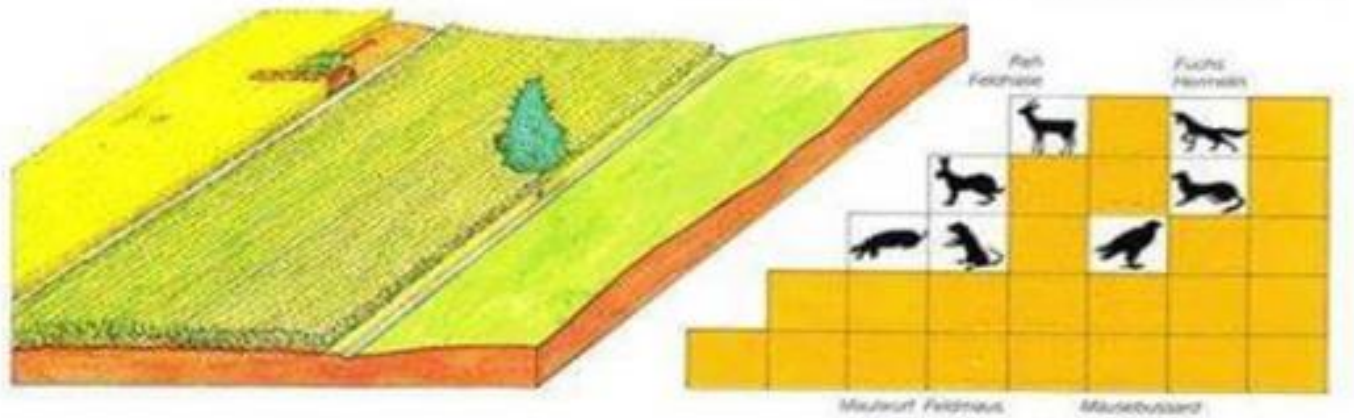
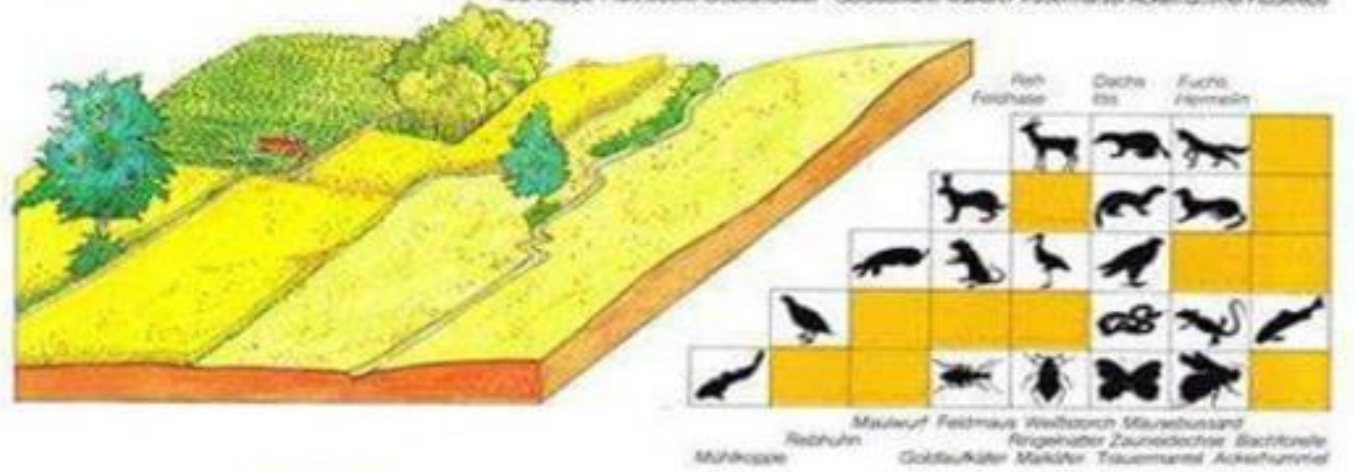
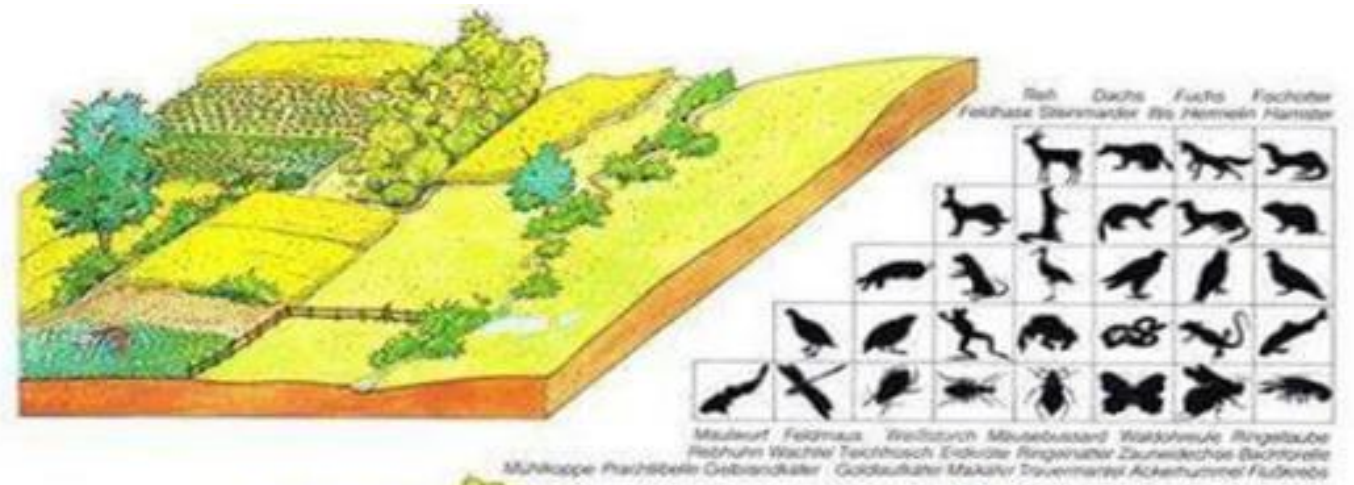
- Wide range of different levels, processes, sectors where EC should be considered
 - EU, macroregional, national, regional, local
 - Visions, policies, spatial plans, sectoral plans, management plans, projects, construction permits
- Wide range of actors - potential „promoters“ of ecological connectivity
 - Spatial planners in the national, regional, local offices
 - Nature conservation (offices)
 - Cross-border collaboration
 - Spatial planners – external experts – with a role to prepare expert bases /spatial plans
 - Sectoral experts in forestry, hunting, agriculture, water management
 - Urban planning
- Do we need a designated role – „a carrier“ of spatial planning for ecological connectivity?
What its range might be?
- What basis we should offer? Are pre-prepared EC digital maps enough?
- Do we need a permanent capacity building and who should take care of that?

Implementing ecological connectivity ?

#2

- How to translate EC into management plans and similar implementing documents (forestry management, water management, agriculture programmes, urban green systems/green infrastructure management) ?
- Example: Landscape characteristics (CAP) implemented as a conditionality and cross-compliance
- A potential for EC? Low hanging fruit?

Landscape characteristics and biodiversity



Source:
Ministry of agriculture, Forestry and Food

Research project:

Revision of regional distribution of landscape types and outstanding landscapes and their digitalisation, UL, Biotechnical Faculty/Landscape Architecture Department and others, 2024

Methods and tools – key innovations

7. Method for mapping landscape features in outstanding landscapes

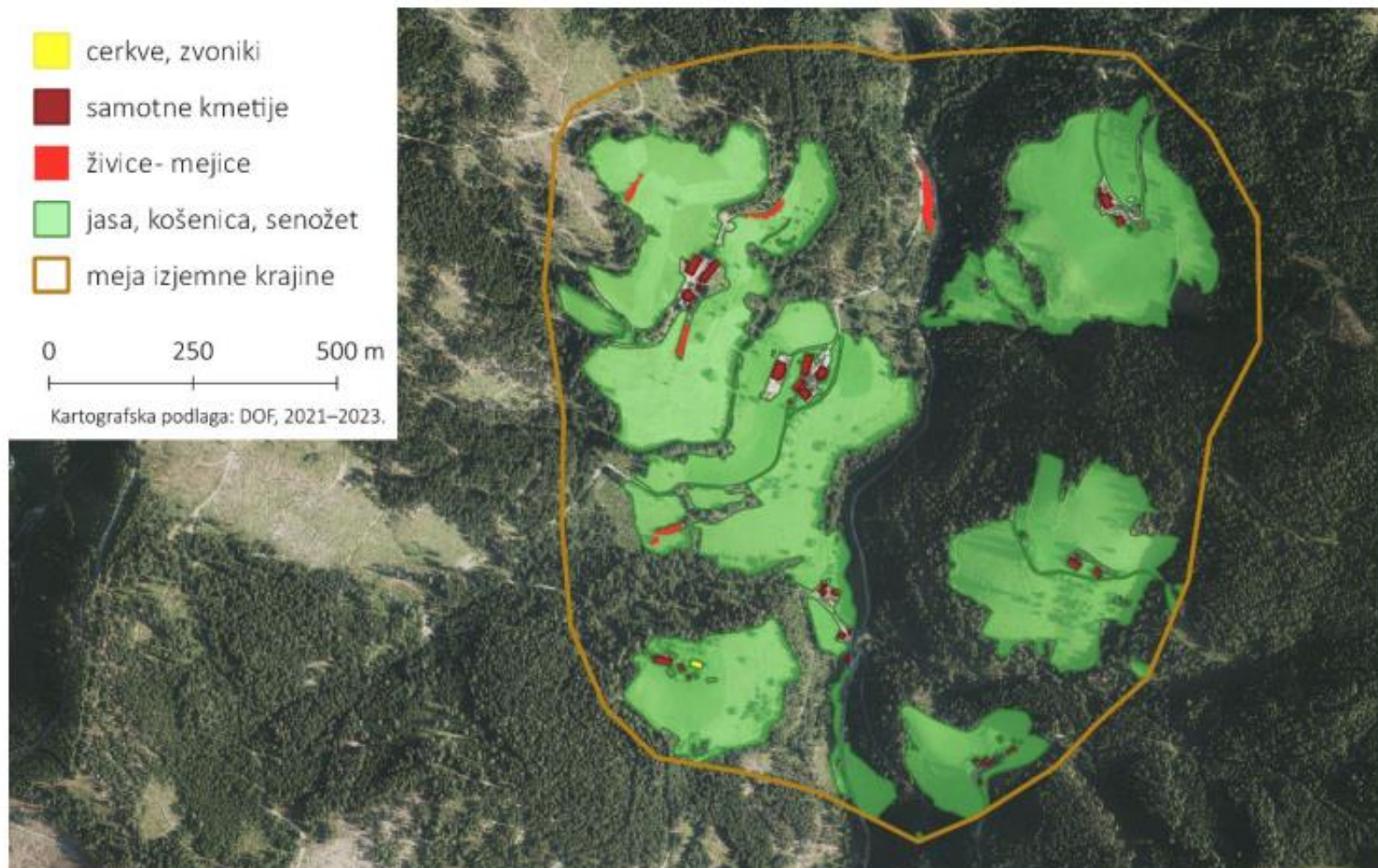
vrtače - kraške kotanje	prostorska zbirka že obstaja	sloj kraških kotanj
suhozidi	prostorska zbirka že obstaja	sloj suhozidov med kontrolnimi sloji MKGP
podprte terase	prvino smo inventarizirali ročno	kartiranje glede na VAT
obdelovalne terase	prvino smo inventarizirali ročno	kartiranje glede na VAT
hrbti	prvino smo inventarizirali ročno	kartiranje glede na VAT
obvodna vegetacija	prvino smo inventarizirali s strojnim učenjem	segmentacija krošenj iz ortofota s konvolucijsko nevronske mreže in klasifikacija olesenele vegetacije glede na bližino vode (podrobneje v Prilogi 6)
živice - mejice	prvino smo inventarizirali s strojnim učenjem	segmentacija krošenj iz ortofota s konvolucijsko nevronske mreže in klasifikacija olesenele vegetacije glede na geometrijo (podrobneje v Prilogi 6)
drevoredi	prvino smo inventarizirali s strojnim učenjem	segmentacija krošenj iz ortofota s konvolucijsko nevronske mreže in klasifikacija olesenele vegetacije glede na geometrijo (podrobneje v Prilogi 6)
posamezna drevesa	prvino smo inventarizirali s strojnim učenjem	segmentacija krošenj iz ortofota s konvolucijsko nevronske mreže in klasifikacija olesenele vegetacije glede na geometrijo (podrobneje v Prilogi 6)



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III Results: mapped features in outstanding landscapes



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