

Ranking Natura 2000 habitats and Natura 2000 areas for nature management and restoration in Finland

Identifying best potential for cost-effective ecosystem improvement

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What do we want (in a nutshell)?

Identify a set of areas with habitat and species combinations:
That best complements areas that are already in good state.
That emphasizes areas/habitats where recovery is realistically achievable.
That has a high and ecologically relevant overall effect of improvement

**AVOIDING HARMFUL OPPORTUNISM BY SYSTEMATICALLY
BALANCING BETWEEN RARE AND COMMON
AND EXPENSIVE AND CHEAP**

Goals:

Mapping restoration potential

Prioritizing N2000 areas for restoration and nature management based on their potential for cost-effective ecosystem improvement

Identifying **Low Hanging Fruits**, conceptually and on the map

Principles:

Complementarity, Connectivity, Condition, Cost-effectiveness

Planning area:

1541 protected Natura 2000 areas in Finland

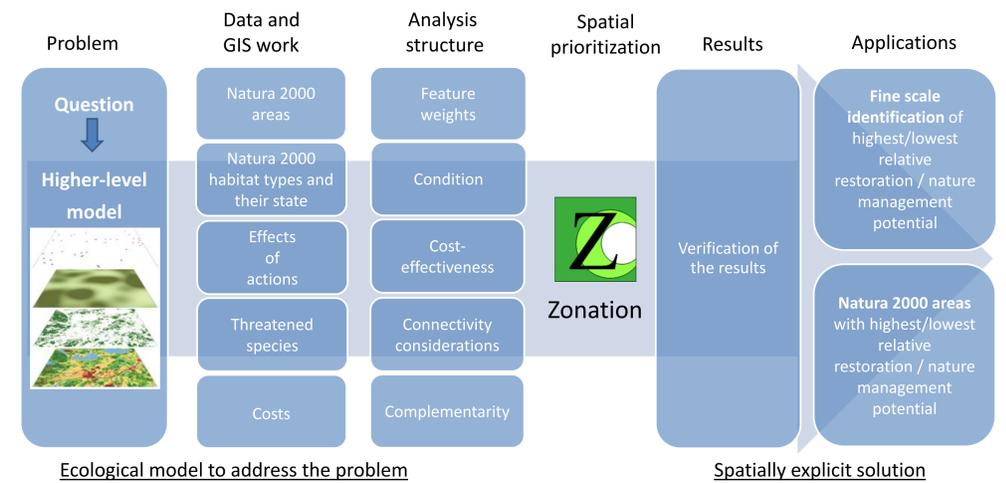
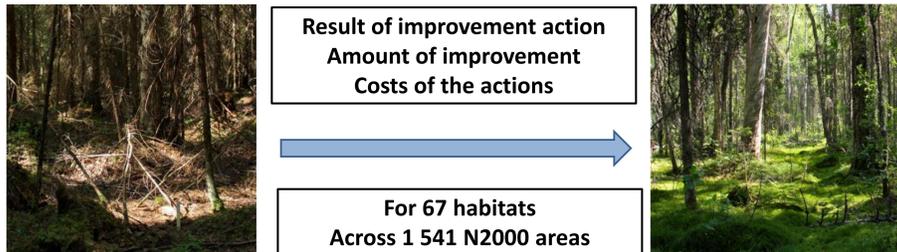
Material:

Biodiversity data (GIS: location and current state of 67 N2000 habitats and threatened species) and expert knowledge of improvement methods, effects and costs (Finnish Restoration Prioritization Project)

Main tool:

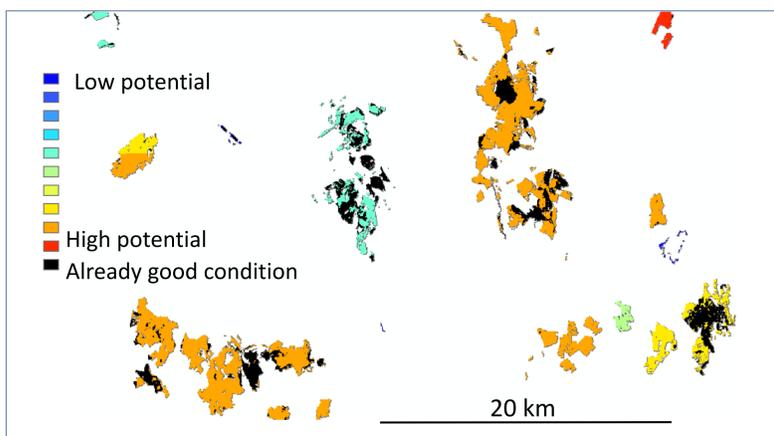
Systematic spatial prioritization approach **Zonation**

GIS habitat data for protected N2000 areas +
Finnish Restoration Prioritization Project with 100 habitat experts
providing background data for each habitat and improvement action:

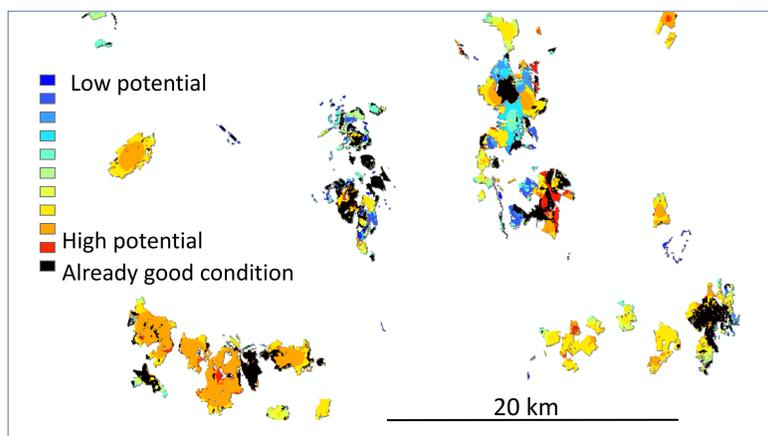


SHOWING IT ON MAPS

N2000 areas ranked according to their improvement potential



Mapping fine scale potential within N2000 areas across Finland



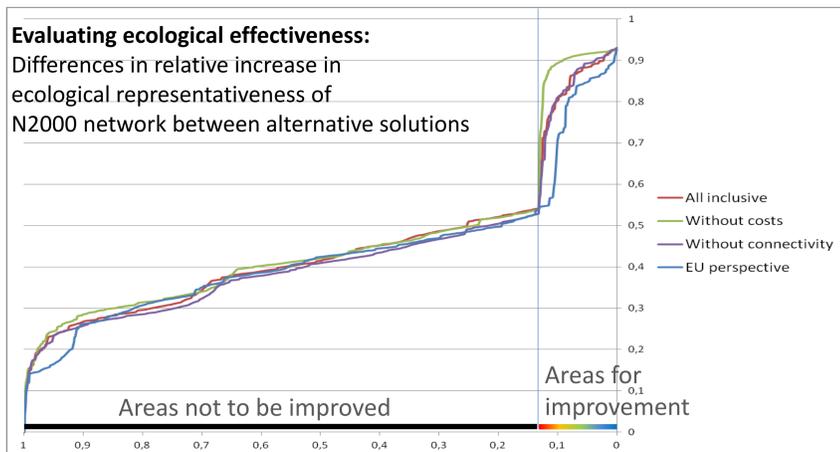
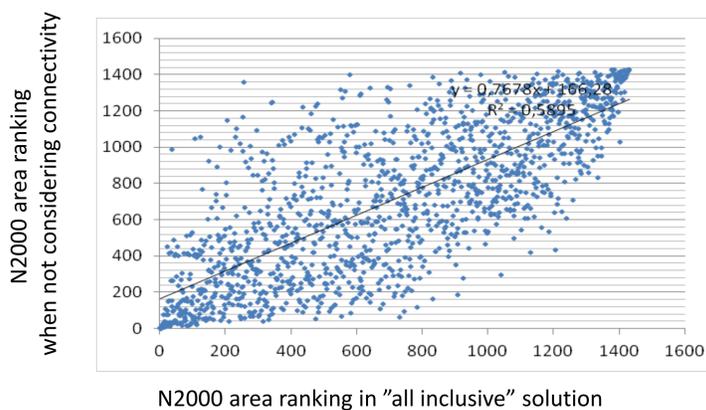
How do we use the results?

To prioritize the use of money for management between individual habitat compartments and on the other hand between Natura 2000 areas

For example to choose individual Natura 2000 areas as a target areas for LIFE Nature projects

EVALUATING TRADE-OFFS

Analyzing change in N2000 area rankings between analysis solutions with different elements considered



Total area included in the analysis = protected N2000 areas in Finland