Quantification and valuation of ecosystem services to optimize sustainable re-use for low-productive drained peatlands

Background
Low-productive drained peatlands cover ca. 0.8 million ha of the drained peatland area in Finland. An essential question is: what to do with these peatlands that have been left aside from active forestry.

Objectives of the Life+ project
To quantify the impacts of seven peatland re-use options on ecosystem services
To optimize ecologically, economically and socio-culturally sustainable peatland use
To promote stakeholder co-operation concerning the use of peatlands
To promote the utilization of long-term scientific data in the land use planning

Project outcomes
Increased knowledge on the impacts of peatland use on the biodiversity, environmental loading, GHG-balance and monetary value of low-productive, drained peatlands.
Participatory decision support system, which includes the modeling procedure and the analysis of trade-offs and stakeholder preferences towards the predicted land use impacts on ecosystem services.

More information
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