



The SELINA project

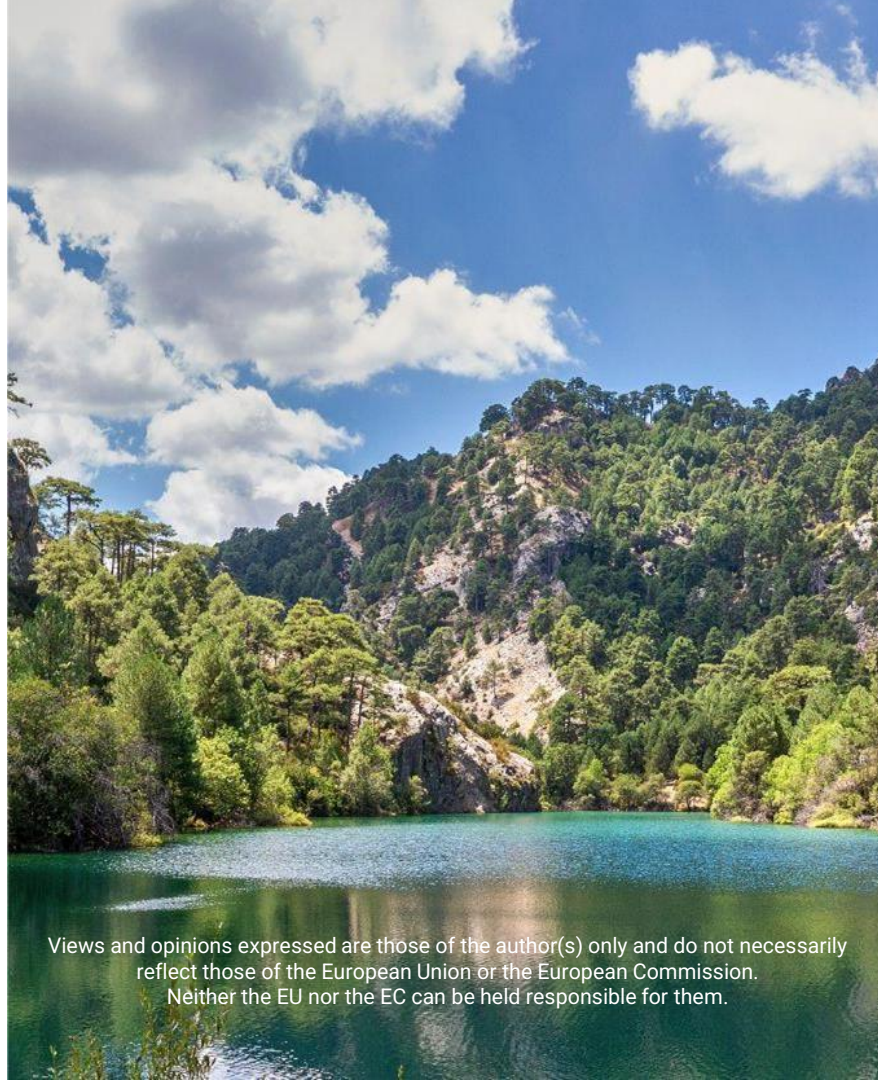
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SELINA Science for evidence-based and sustainable decisions about natural capital

- Horizon Europe Project SELINA
- Call: Biodiversity and ecosystem services (HORIZON-CL6-2021-BIODIV-01)
- Topic: HORIZON-CL6-2021-BIODIV-01-07 Ecosystems and their services for an evidence-based policy and decision-making
- Duration: July 2022 – June 2027 (60 months)
- Overall budget: 13 Mio €
- 50 partners and associated partners from altogether 31 countries





Project consortium

-  University of Patras
-  space4environment
-  National Institute of Geophysics, Geodesy and Geography
-  Rey Juan Carlos University
-  University of Salzburg
-  University of Bucharest
-  Flemish Institute for Technological Research
-  Foundation for Sustainable Development
-  Baltic Environmental Forum
-  Adam Mickiewicz University
-  National Research Institute for Agriculture, Food and the Environment
-  Copenhagen University
-  Norwegian Institute for Natural Research
-  Estonian University of Life Sciences
-  The Cyprus Institute
-  Wageningen University
-  The Finnish Environment Institute
-  Global Change Research Institute
SarVision

-  University of Reunion Island
-  Spatial Services
-  Asplan Viak
-  denkstatt
-  Wolfs Company, part of Grant Thornton
-  Ministry for the Ecological Transition and the Demographic Challenge
-  ETH Zürich
-  Joint Research Centre
-  UNEP-WCMC
-  South Atlantic Environmental Research Institute





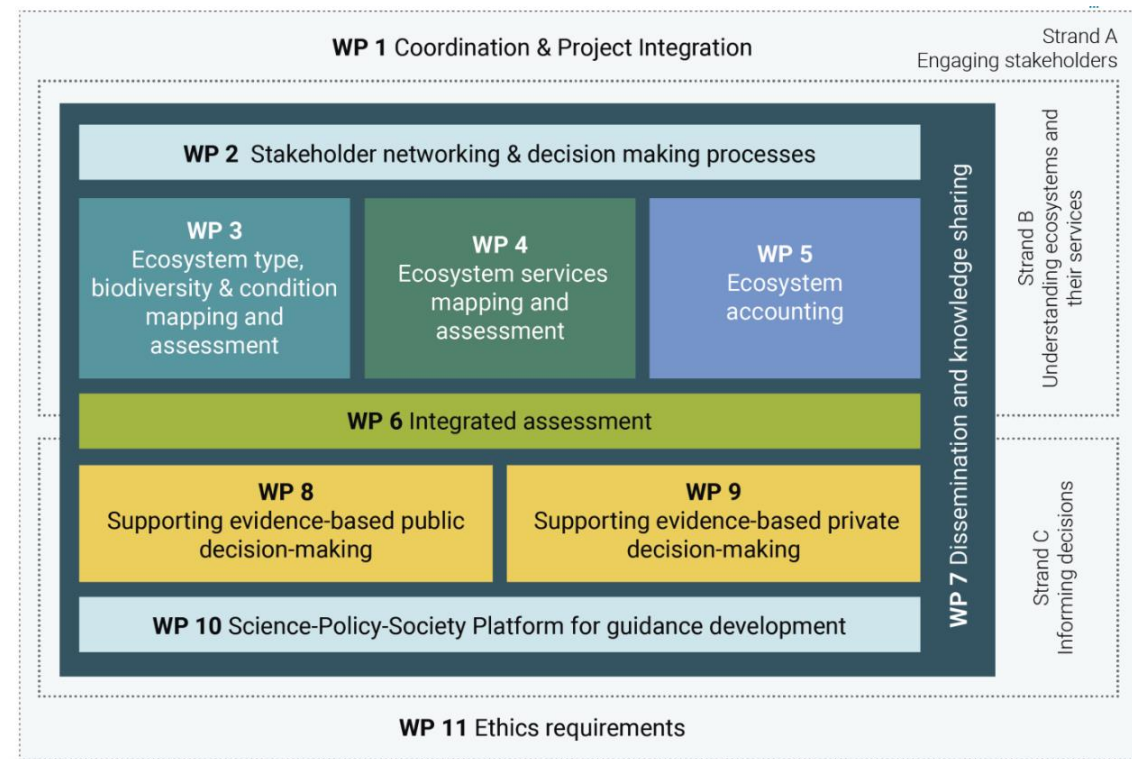
Main aims

- Provide robust information that support the protection, restoration and sustainable use of ecosystems and their services in the EU by 2030
- Builds upon EU initiative on Mapping and Assessment of Ecosystems and their Services (MAES) in the context of the EU Biodiversity Strategies
- Integrate the different MAES components (ecosystem types & condition; ecosystem services; ecosystem accounting) to enable uptake of Ecosystem Services in decision making



Project implementation

- 11 Work Packages





Integrated assessment - different paths

Integration of interrelationships in complex human environmental systems

Integration across domains (biophysical, economic, social-cultural),

Integration of state-of the-art methodological approaches (ecosystem accounting)

Integration of different spatio-temporal scales of processes and their dynamics





Project implementation

- 15 Demonstration projects for knowledge sharing, feedback collection and mutual learning
- Communities of Practices with stakeholders from public and private decision making, science and society
- 10 Project Workshops and Meetings across themes, people and European countries





Expected outcomes

- Concrete Deliverables (i.e. reports, publications, online methods database and documentation)
- Networking (e.g. by Communities of Practice and a series of thematic Workshops across Europe)
- Open access Compendium of Guidance at the science-policy-business-society interface
- Stakeholder engagement to support evidence-based sustainable decision-making
- 15 SELINA public and private decision-making Demonstration Projects to transfer knowledge





SELINA i Danmark

- To testcases/test sites
 - Helhedsplan for Gudenåen
 - Lokalisering af skovrejsning i hele landet
- 'Community of Practice'
 - Netværk
 - 'Seeds of Change'



Expected outcomes ...



<http://thirdforcenews.org.uk/images/uploads/articles/1745/climatechangeweb.jpg>





Hvad er seeds of change

Seeds of Change henviser til transformativ eller transformationel forandring, som er "en grundlæggende, systemomfattende reorganisering på tværs af teknologiske, økonomiske og sociale faktorer, herunder paradigmer, mål og værdier" (IPBES, 2019).

Frøene er så (igangværende) projekter, initiativer, programmer osv. med potentiale til at skabe transformativ forandring. Ud over at kortlægge, måle og modellere økosystemernes kvaliteter udfordrer disse initiativer aktivt den eksisterende sociale, økonomiske, politiske og/eller teknologiske orden.





Opgave 1: Overblik over initiativer/projekter

- 'Projekt/initiativ-bank'
- Google form i næste uge
- 10 minutter at udfylde





Opgave 2: Finde 'seeds of change'

- Initiativet involverer en **bred vifte af interessenter** i samfundet, som bringer (meget) forskellige værdier, perspektiver og/eller viden til bordet.
- Initiativet går videre end at informere interessenter, mod faktisk/**dyb involvering af interessenter** i fælles definition af problemer og fælles skabelse af bæredygtige løsninger.
- Initiativet er styret af en **kollektiv og inspirerende langsigtet vision** om bæredygtig brug eller funktion af økosystemer.
- Initiativet fremmer og eksperimenterer med **en mangfoldighed af løsninger**, strategier eller veje til at forbedre økosystemtjenester og - forhold, **herunder ukonventionelle/radikalt anderledes løsninger**.
- Disse strategier/løsninger genererer (potentielt) **forskellige sidegevinster**, der er relevante for en bred vifte af interessenter.





Opgave 2: Finde 'seeds of change'

- Ud over mere etablerede parametre til måling af biodiversitet og økosystemers funktion, vurderer initiativet også **mindre håndgribelige, kvalitative aspekter** såsom ændringer i opfattelser, ændret adfærd, ændrede relationer mellem interessenter osv.
- Initiativet **udfordrer etablerede "mentale modeller"** (dvs. grundlæggende værdier, antagelser, verdensbilleder), der definerer dominerende forståelser af naturen og ligger til grund for samspillet mellem menneske og natur.
- Initiativet stimulerer til **fælles refleksion over de grundlæggende årsager til problemet** og dedikerer en betydelig mængde tid og kræfter til den kollektive læringsproces.
- For at skabe **en løftestang for strukturelle ændringer** (i politik, markeder, kultur osv.) forbinder initiativet sig aktivt med andre projekter og/eller bredere koalitioner af aktører.
- Initiativet **støtter aktivt (andre) politiske beslutningstagere, virksomheder, lokalsamfund osv.**, som ikke er direkte involveret i initiativet, i at vedtage/udvikle nye tilgange og revidere eksisterende politikker/strategier.

