



SOILval

Recognising Soil values in land use
planning systems



Consortium



Funded by



Goals of the project

In the perspective of the “no net land take” objective by 2050

1. **Acquire knowledge** of technical solutions and land management tools integrating **soil values** in **land use planning** in France and Wallonia
2. Assess the **degree and legal challenges** of integration of **soil values into land use planning instruments and decision making processes** in EU and domestic law
3. Based on feedback (perception, needs and difficulties), **improve stakeholders' knowledge** regarding the **feasibility of solutions, tools and legal instruments studies** in 1) and 2)
4. **Draw recommendations** from steps 1) to 3) to enhance **integration of soil values** into **land use planning systems in France and Wallonia** in the context of no land take by 2050.

Expertise within the project



Soil and land
research funding
platform for Europe



Soil (functions) characterisation and evaluation, sustainable contaminated land management, tool development, science-stakeholder interface



Walloon spatial planning and territorial development strategies, biodiversity and ecosystem services (ES) in urbanisation context



European/Walloon environmental law, urban/rural planning law, sustainable development law, interactions between planning/environmental policies



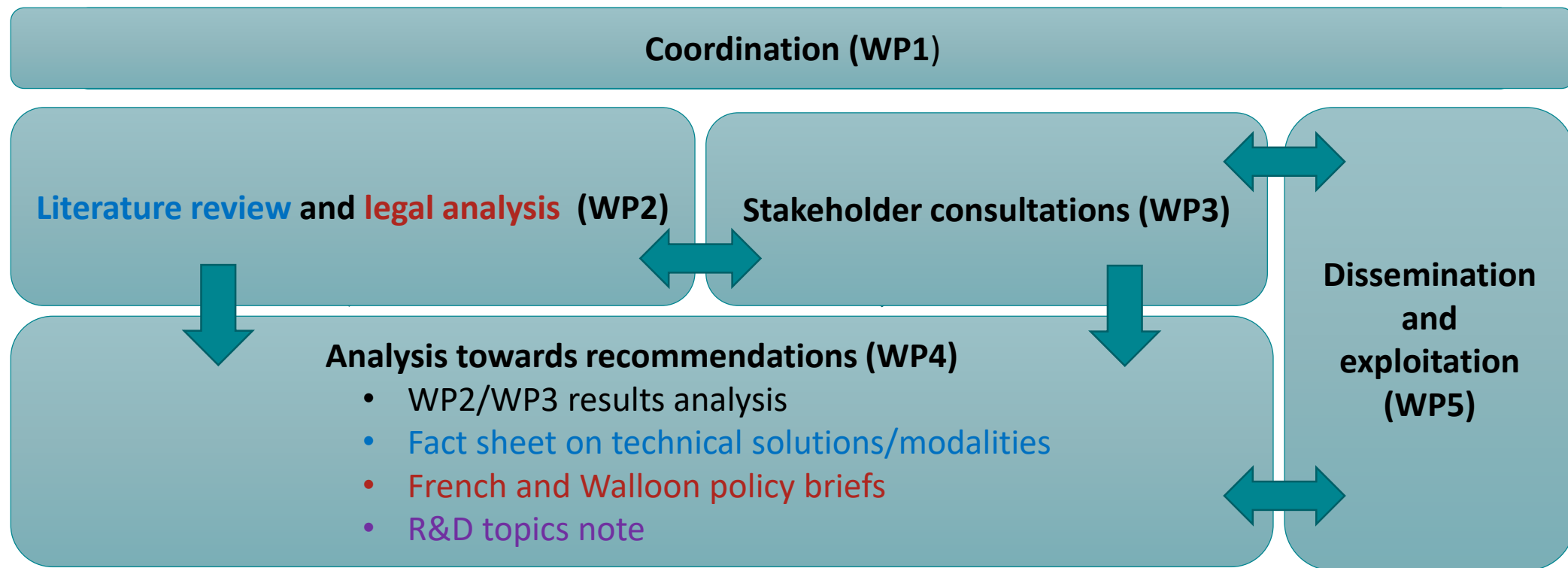
European/French environmental law with a focus on soil and land law (different scales), soil quality legal protection,



Biodiversity and ecosystem service assessment, ecological functionality assessment, tools development





Overview of the project program



Project results /products

=> From an exhaustive state of the art for France and Wallonia and consultations with relevant stakeholders

	<p>A series of 8 fact sheet on technical solutions/preventive modalities or planning practices =>green infrastructure/no-build zones; nature-based “soil” solutions; compensatory scheme; de-sealing; brownfield regeneration, land consolidation policies; socio-eco-environmental impacts and benefits assessments of land use alternatives including soil values.</p>	
	<p>Two policy briefs on recommendations for better inclusion of soil values in land use planning law with regards to European, French and Walloon law =>Based on gaps and inconsistencies of the legal frameworks of soil values integration into land use planning decision-making processes, at the light of the no net landtake objective.</p>	
	<p>A R&D note highlighting R&D topics for the future =>What are the knowledge/science for policy gaps to promote the integration of soil values in land use planning, especially in the perspective of zero-land take objectives? Available data and/or methods, current skills, policy / social acceptance will be covered.</p>	

Stakeholder / end-user involvement

Who are they?

Research, Policy, Land users / owners, Land planners, environmental consultancies/Service Providers, state/local public authorities NGO,

	<p>WP3 consultations Soilval project board</p>
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	<p>WP2 face to face meetings WP3 consultations WP5 dissemination Soilval project board</p>

How are they involved ?

Relying on networks and existing contacts:

- sharing their state of knowledge (e.g. URBASOL)
- understanding their awareness needs and demands
- potential implementers of recommendations
- co-builders

Dissemination/implementation of results

What for?



- to help French and Walloon public and private stakeholders involved in land use decision to have a better knowledge of the most operational and legally feasible solutions/modalities considering soil values under no-net-land take objectives



- to help French and Walloon policy stakeholders access the collected knowledge and analysis (e.g. national working groups sobriété foncière/stop beton)







- to help European scientific community (and beyond) on the integrations of soil values under no-net-land take objectives , e.g. define new funding calls/respond to calls

Challenges during the project

- **Focussing on relevant information only** and building on **recent and on-going numerous related R&D projects** and operational initiatives
- Reviews/consultations will **focus on France and Wallonia only**. **Extensive review**, including all EU R&D projects and EU states experience is **not planned**.
- Integrating / involving as much as possible the **most relevant French and Wallonian representative of each category of stakeholders/end-users**
- Carrying out **presential workshops/disseminating** the results considering the **health crisis context**

Follow up of the project

Questions that will remain:

- integration Soil values in land use planning in other EU or non EU countries?  Wider review including comparison between French and Wallonia state of the art and other member EU/non EU countries
- is implementation of SOILval results effective? /, e.g. how to help end-users in practical implementation?  Carrying on promoting implementation of SOILval outputs & recommendations
Test SOILval products in real case studies
- How to encourage transfer between Science and policy and people?  Publication of SOILval results
Future R&D projects
- Legal questions: towards a framework directive?  Towards New legislation ?

Overview of national or international projects in this research area and networks

- **France:**
 - Projects : e.g. MUSE, SUPRA, U-QUALISOL, DESTISOL, MEL, Soilserv , RECORD
 - National working groups : e.g. sobriété foncière....
 - Networks : e.g. URBA Sol, Gis Sol, IRSTV, GISFI, AFES, EFESE etc.
- **Wallonia:** Wal-ES network, CPDT, National working groups Stop béton
- **European projects:** Nature4cities, OPLA, network nature, inspiration, NAIAD, Naturvation, Eklipse, INTERLACE, SURFACE, etc.
- **European networks:** NICOLE, COMMON FORUM, etc.
- **Future ISO working group** on soil and ecosystem services (ISO TC190 on soil quality)

For more information

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