

TG 2.5

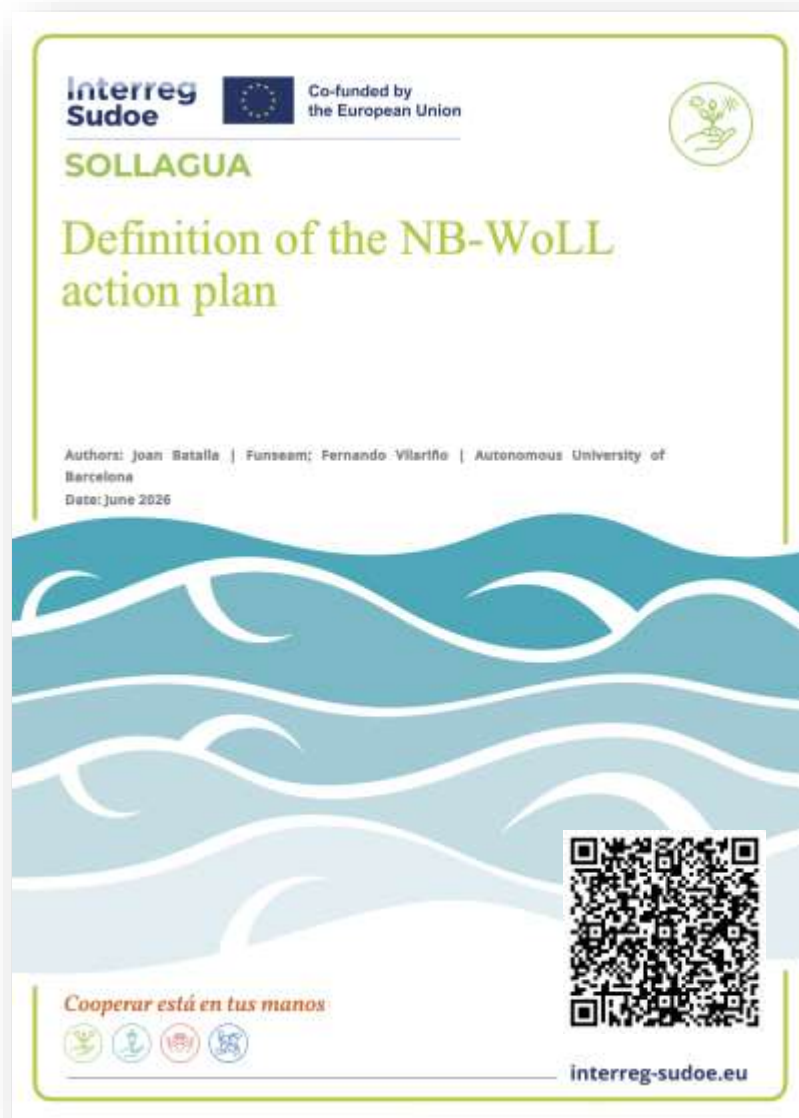
Definition of a NB-WoLL action plan

Sollagua's innovation is to promote NBS solutions for REUSE. The living labs are a mean to that end.

Task leader: FUNSEAM



2. List of actions



Phase 1 Preparation and Definition of Needs	Phase 2 Design of the living lab approach
1.1 Analysis of the local water system and regional context 1.2 Assessment of water sources and water resource balance 1.3 Assessment of existing water infrastructure 1.4 Assessment of the regulatory and administrative framework for water reuse 1.5 Assessment of current and potential demand for reclaimed water 1.6 Identification of opportunities for water reuse 1.7 Characterisation of water reuse opportunities by type of use 1.8 Identification and prioritisation of key needs and issues 1.9 Definition of the NB-WoLL challenge and value proposition	2.1 Consolidation and mapping of the NB-WoLL stakeholder ecosystem 2.2 Analysis of stakeholder interests and conditions for participation 2.3 Identification of leaders and potential change agents 2.4 Assessment of social acceptance and awareness of water reuse 2.5 Definition of the NB-WoLL service catalogue 2.6 Definition of the funding model
Phase 3 Governance Model	Phase 4 Co-creation of solutions
3.1 Institutional anchoring and strategic alignment 3.2 Agreement of Institutional Commitments 3.3 Organisational Anchoring 3.4 Definition of the governance structure and decision-making system 3.5 Formalisation of the institutional and governance arrangements 3.6 Definition of internal and external communication mechanisms	4.1 Preparation and definition of the challenge 4.2 Identification and engagement of stakeholders 4.3 Definition of the participatory approach and methods 4.4 Co-design and initial prototypes
Phase 5 Experimentation	Phase 6 Impact assessment
5.1 Definition of the experimentation framework 5.2 Prototype development and implementation in the real-world environment 5.3 Data collection and monitoring 5.4 Iterative refinement and re-testing	6.1 Evaluation of technical and operational performance 6.2 Evaluation of user experience and adoption 6.3 Evaluation of economic and organisational impacts 6.4 Evaluation of environmental and social impacts 6.5 Capture of insights and lessons learnt
Phase 7 Scalability and transfer	
7.1 Documenting the NB-WoLL experience and lessons learnt 7.2 Planning how solutions can be scaled and replicated 7.3 Defining the business and financing model for the solution 7.4 Planning pathways for market, public procurement and institutional uptake 7.5 Developing recommendations for practice and policy 7.6 Sharing results and knowledge	

PHASE 0 OBJECTIVE: To identify how I can make the best use of this document		
#	ACTIONS	OUTCOMES / RESULTS
0.1	Read and review the Action Plan as a whole to understand the proposed phases, actions and types of outcomes.	A first overview of the range of activities that may be considered within an NB-WoLL Action Plan.
0.2	Identify the phases and actions that are most relevant to the specific context, maturity, needs and objectives of the NB-WoLL.	Mapping between the proposed Action Plan and the actual needs and maturity of the initiative.
0.3	Identify what is already available and does not need to be produced again, such as existing studies, stakeholder maps, governance arrangements, business models, monitoring systems or previous outputs.	Identification of existing information and resources that can be reused as inputs to the selected actions.
0.4	Select and prioritise the actions to be implemented, adapting their scope where necessary.	A tailored set of priority actions for the NB-WoLL.
0.5	Review the corresponding outcome templates and references and decide whether they can be used directly, adapted or replaced by another suitable approach.	A practical approach for producing the tangible results associated with the selected actions.

PHASE 1 OBJECTIVE: Identification of the problem / challenge to be solved

#	ACTIONS	OUTCOMES / RESULTS
1.1	Analysis of the local water system and regional context	Shared understanding of the territorial water system and its context, establishing the common baseline for the NB-WoLL.
1.2	Assessment of water sources and water resource balance	Clear understanding of water availability, flows, quality and imbalances, including wastewater potentially available for reuse.
1.3	Assessment of existing water infrastructure	Understanding of the infrastructure capacity and limitations for water reuse, including assets that could be used or adapted.
1.4	Assessment of the regulatory and administrative framework for water reuse	Clarity on the regulatory and administrative conditions affecting water reuse, including requirements, procedures, responsibilities and barriers.
1.5	Assessment of current and potential demand for reclaimed water	Understanding of current and potential reclaimed-water demand, including who could use it, how much, when and under what conditions.
1.6	Identification of opportunities for water reuse	Identification of concrete and potentially feasible water reuse opportunities resulting from matching available resources with demand and enabling conditions.
1.7	Characterisation of water reuse opportunities by type of use	Structured understanding of how reclaimed water could be used across the territory, and of the requirements associated with the different types of use.
1.8	Identification and prioritisation of key needs and issues	Shared prioritisation of the needs, barriers and key issues that must be addressed to enable the identified water reuse opportunities.
1.9	Definition of the NB-WoLL challenge and value proposition	Shared agreement on the challenge and value proposition of the NB-WoLL, providing the strategic focus for the following phases.

PHASE 2 OBJECTIVE: To define the stakeholder, service and financial foundations for the operation of the NB-WoLL.

#	ACTIONS	OUTCOMES / RESULTS
2.1	Consolidation and mapping of the NB-WoLL stakeholder ecosystem	Stakeholder ecosystem structured for engagement.
2.2	Analysis of stakeholder interests and conditions for participation	Conditions for stakeholder participation established.
2.3	Identification of leaders and potential change agents	Leadership and mobilisation capacity established
2.4	Assessment of social acceptance and awareness of water reuse	Social acceptance conditions established.
2.5	Definition of the NB-WoLL service catalogue	NB-WoLL service model defined. .
2.6	Definition of the funding model	NB-WoLL funding model defined.

PHASE 3 OBJECTIVE: To define the governance model for the operation of the NB-WoLL.		
#	ACTIONS	OUTCOMES / RESULTS
3.1	Institutional anchoring and strategic alignment	Institutional strategic alignment established
3.2	Agreement of Institutional Commitments	Institutional commitments agreed
3.3	Organisational Anchoring	Organisational arrangements established
3.4	Definition of the governance structure and decision-making system	Governance and decision-making system defined
3.5	Formalisation of the institutional and governance arrangements	Formal basis for the governance arrangements established.
3.6	Definition of internal and external communication mechanisms	Communication mechanisms defined

PHASE 4 OBJECTIVE: To co-create innovative solutions in the NB-WoLL.

#	ACTIONS	OUTCOMES / RESULTS
4.1	Preparation and definition of the challenge	Specific challenges for innovation defined
4.2	Identification and engagement of stakeholders	Relevant stakeholders identified and engaged.
4.3	Definition of the participatory approach and methods	Participatory approach and methods defined.
4.4	Co-design and initial prototypes	Solutions co-designed and selected for experimentation.

PHASE 5 OBJECTIVE: To test and iteratively refine the co-designed solution under real-world conditions within the NB-WoLL.

#	ACTIONS	OUTCOMES / RESULTS
5.1	Definition of the experimentation framework	Experimentation framework defined and ready for implementation.
5.2	Prototype development and implementation in the real-world environment	Prototype developed, deployed and operationally ready for experimentation.
5.3	Data collection and monitoring	Experimental evidence systematically collected, monitored and documented.
5.4	Iterative refinement and re-testing	Solution refined and re-tested based on experimental evidence.

PHASE 6 OBJECTIVE: To evaluate the performance, adoption, value and impacts of the tested solution and the NB-WoLL experimentation process, and to consolidate the resulting insights and lessons learnt.

#	ACTIONS	OUTCOMES / RESULTS
6.1	Evaluation of technical and operational performance	Technical and operational performance of the tested solution evaluated.
6.2	Evaluation of user experience and adoption	User experience, acceptance and adoption of the tested solution evaluated.
6.3	Evaluation of economic and organisational impacts	Economic and organisational changes associated with the solution and Living Lab experimentation process evaluated.
6.4	Evaluation of environmental and social impacts	Environmental and social impacts associated with the tested solution evaluated.
6.5	Capture of insights and lessons learnt	Key insights, enabling and constraining factors, and lessons from the NB-WoLL experimentation and evaluation process identified and documented.

PHASE 7 OBJECTIVE: To assess the scalability of NB-WoLL solutions and facilitate their knowledge transfer and adaptation to other contexts.

#	ACTIONS	OUTCOMES / RESULTS
7.1	Documenting the NB-WoLL experience and lessons learnt	NB-WoLL experience and transferable knowledge documented.
7.2	Planning how solutions can be scaled and replicated	Appropriate scaling and replication pathways and their enabling conditions identified.
7.3	Defining the business and financing model for the solution	Business and financing model for sustaining and scaling the solution defined.
7.4	Planning pathways for market, public procurement and institutional uptake	Pathways for market, public procurement and institutional uptake of the solution defined.
7.5	Developing recommendations for practice and policy	Evidence-based recommendations for practice and policy developed.
7.6	Sharing results and knowledge	Results, transferable knowledge and recommendations shared with relevant audiences and made accessible for further use.