Water Reuse Europe

Interreg Sudoe

Co-funded by the European Union

SOLLAGUA

Nature-Based Solutions and Living Labs for water reuse in rural areas

Joan BATALLA | Funseam



Préserver le capital naturel et renforcer l'adaptation au changement climatique du SUDOE



Promouvoir la cohésion sociale et l'équilibre territorial et démographique du SUDOE à travers l'innovation et la transformation des secteurs productifs.



Promouvoir la cohésion sociale et l'équilibre territorial et démographique du SUDOE à travers l'innovation sociale, la valorisation du patrimoine et les services.



Renforcer les capacités d'impact du SUDOE sur les territoires

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Sollagua



SO 2.5 “Promoting access to water and sustainable water management”

01/01/2024
31/12/2026

Total budget
1.852.309.50€

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Sollagua objectives

To promote adoptions of green solutions for the REUTE in rural areas by the means of NBS-WOLL and demosites with a main strategy to fit for purpose of the water needs

https://www.youtube.com/@SOLLAGUA-InterregSUDOE/playlists?cbrd=1



Cooperar está en tus manos

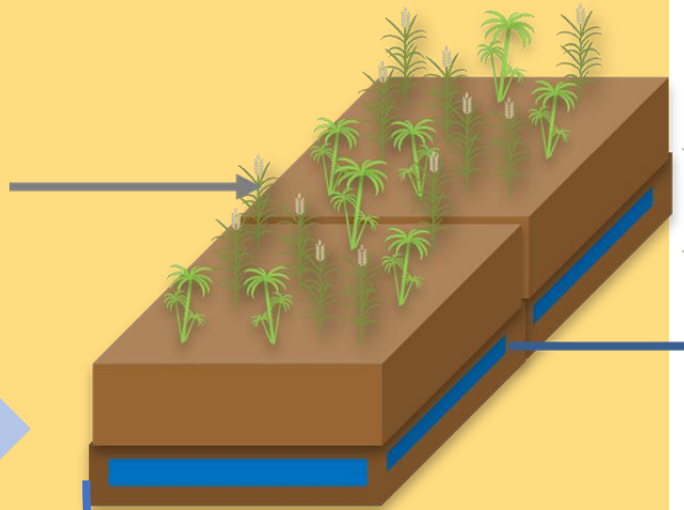
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Domestic wastewater in rural area



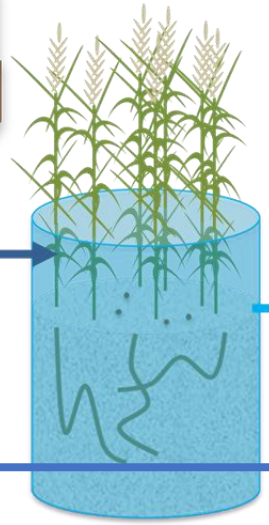
NBS for water treatment

Planted filters
Constructed wetlands
Reconnected natural wetland



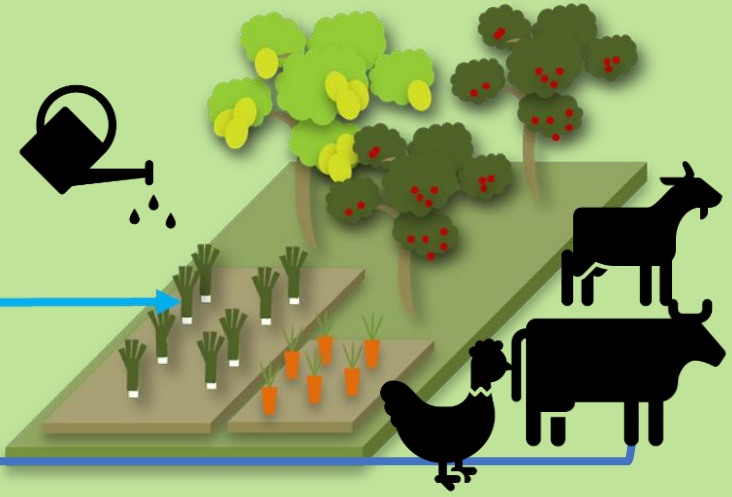
Tertiary treatment

SSF
Membrane
UV
AOP

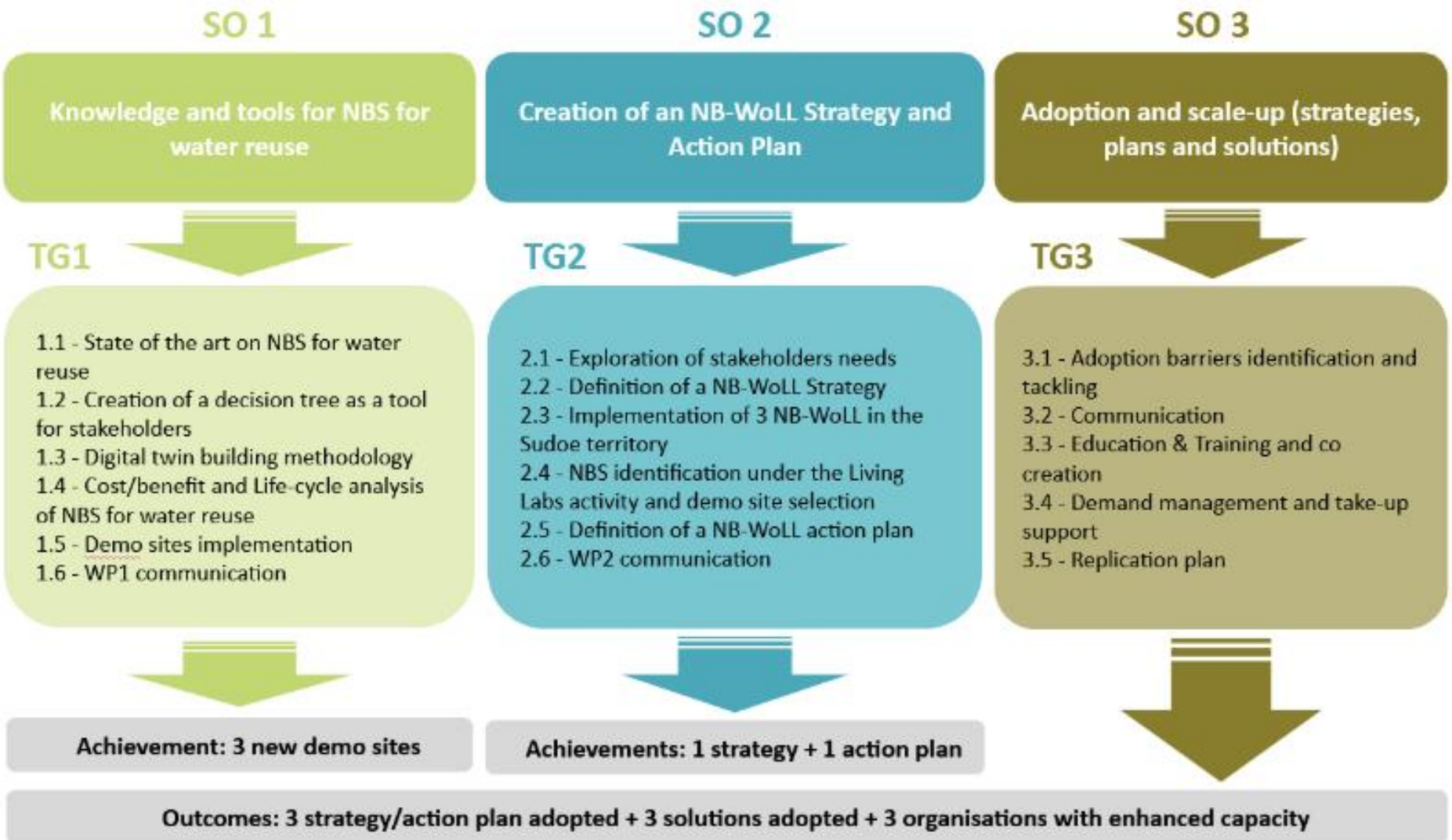


ReUSE demands

Irrigation, livestock breeding, farming, environment…



Main Objective: to bridge the gap between the demand and the solution of reuse


SO 1
Knowledge and tools for NBS for water reuse
SO 2
Creation of an NB-WoLL Strategy and Action Plan
SO 3
Adoption and scale-up (strategies, plans and solutions)
TG1
1.1 - State of the art on NBS for water reuse
1.2 - Creation of a decision tree as a tool for stakeholders
1.3 - Digital twin building methodology
1.4 - Cost/benefit and Life-cycle analysis of NBS for water reuse
1.5 - Demo sites implementation
1.6 - WP1 communication
TG2
2.1 - Exploration of stakeholders needs
2.2 - Definition of a NB-WoLL Strategy
2.3 - Implementation of 3 NB-WoLL in the Sudoe territory
2.4 - NBS identification under the Living Labs activity and demo site selection
2.5 - Definition of a NB-WoLL action plan
2.6 - WP2 communication
TG3
3.1 - Adoption barriers identification and tackling
3.2 - Communication
3.3 - Education & Training and co creation
3.4 - Demand management and take-up support
3.5 - Replication plan
Achievement: 3 new demo sites
Achievements: 1 strategy + 1 action plan
Outcomes: 3 strategy/action plan adopted + 3 solutions adopted + 3 organisations with enhanced capacity

Consortium

Academics

- Université Toulouse III Paul Sabatier
- Técnico Lisboa
- Fundació Solidaritat Universitat de Barcelona

Service providers, companies and agencies

- Funseam – Fundación para la Sostenibilidad Energética y Ambiental
- Agencia de Medio Ambiente y Agua de Andalucía – Consejería de Agricultura, Ganadería, Pesca y Desarrollo Sostenible
- CTA
- ecofilae – Reuse water

Public authority

- Águas do Tejo Atlântico – Grupo Águas de Portugal
- Communauté de Communes Couserans Pyrénées
- Promedio



Associated partners





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THANK YOU FOR WATCHING US



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