

Tailor Made Socio Economic Approaches for Integrated Water Management in Rural to Urban Driven Mutations

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Tailor-Made Socio Economic Approaches for Integrated Water Management in Rural to Urban Driven Mutations SoWat

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Aim and Innovation

- · Propose new solutions to water scarcity due to climate change based on Natural Based Solutions (NBS), in three countries EG, SA and FR; Build capacity and empower local communities with knowhow on sustainable water management practices to promote SMEs;
- · Support the economies by protecting human health and creating more sustainable job opportunities

Objectives

- Stimulate cooperation between African and EU stakeholders in the areas of water innovation, research, policy, and capacity development.
- Drive Africa-EU cooperation by sharing innovation for local challenges and boosting sustainable market and investment opportunities.
- Reinforce Water & Climate Change research and (social) innovation (R&I) cooperation.

Communication Strategy

- •Improve societal awareness by interaction with the local community and NGOs on NBS implementation.
- •Assist capacity development by interaction, training and communication of project outputs.
- •Dissemination and address policy and decision-makers to adopt projects outputs through.

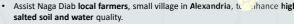
EGYPT

SOUTH AFRICA

System optimization challenges - algae growth for bio-energy

- Assist Mosselbay local municipality to enhance wastewater quality treatment.
- Hydrological modeling of Brandwacht WWT plant -
- Improve algae growth and resultant algae production for bio





NBS to reuse the domestic wastewater for better water quality and crops.





- •"Future Protectors" NGO Hearing then deciding
- Sharing decisions
- •Prototype to be Start-ups



Prospective design of constructed porous ramps to trap organic matter during low flows and process it during



Field implementation, dissemination & partnerships

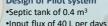


- where and how to implement low cost & nature based solutions,?

akvo

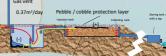
of intermittent urban rivers

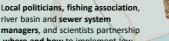




- Biofilter design for 10 days residence







improve the highly degraded ecology















