

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

**Type** : Projet européen AfriAlliance

**Période d'activité** : 2018-2020 → ( PHC-Imohtep-Sirius-Water project submitted 2022-2024)

### Partenaires :

#### *Main partners:*

- [City of Scientific Research and Technology Applications \(SRTA-City\), Egypt](#).  
Contact: Ranya Amer- [ramer@srtacity.sci.eg](mailto:ramer@srtacity.sci.eg)
- Council for Scientific and Industrial Research, South Africa, Pretoria (*CSIR*). Contact: Harrison Pienaar - [pienaar@csir.co.za](mailto:pienaar@csir.co.za)
- [INRAE-ARA, RIVERLY](#), Villeurbanne, France. Contact: pascal Breil- [pascal.breil@inrae.fr](mailto:pascal.breil@inrae.fr)

#### *Associated partners*

- Future Protectors NGO (<https://fr-fr.facebook.com/Future.Protectors>)

**Informations/Site web** : <https://afrialliance.org/>

**Résumé** : AfriAlliance aims to better prepare Africa for climate change challenges by having African & European stakeholders work together. SoWat is one of the 10 actions groups. SoWat Aim 1: Propose new NBSs in solutions to water scarcity due to climate change, in EG, SA and FR; Aim 2: build capacity and empower local communities with knowhow on sustainable water management practices to promote SMEs; Aim 3: Close the gap between science, technology and policy focusing on community needs and demands; Aim 4: Support the economies of EG and SA by protecting human health and creating more sustainable job opportunities including implementation of "Aquatic management and flooding prevention" law in FR. Objective 1: Show low-cost NBSs for water decontamination and purification. Objective 2: Develop models to promote water management in all of the partnering countries. Objective 3: Promote water management best practices (domestic water reuse, irrigation and feed stock production). Objective 4: Develop techniques for improved water management in order to stimulate SMEs creation. Objective 5: improve societal awareness by interaction with the local community on NBS implementation. Objective 6: Assist capacity development by interaction, training and communication of project outputs. Objective 7: Address policy and decision-makers to adopt projects outputs.

**Structure du projet/WPs** : *cf.* site web du projet

**Axe(s)/Domaine(s) d'applications(s) du réseau/TRL** : Projet technologique alimentant les problématiques de l'axe Filières/Reuse rurale et péri-urbaine/Projet à TRL faible : 2-3