

Water Security in Africa - Stakeholder Information Event

Monday, 10/10/2022 | 10:00 – 13:00 | Online - Event

COSMOS **Community Based Sustainable Water Management and Observation Systems**

The project CoSMOS has been pre-structured, discussed and presented before DWS, WRC, GIZ and the African water community at the WISA conference 2022

RESEARCH AND EDUCATION PROGRAM

Water Security in Africa (WASA)



GEFÖRDERT VOM



Bundesministerium für Bildung und Forschung



- but remove the water service authority from communities, who fail." *
- with better cost recovery are inevitable.*



1.) "DWS has announced to further support municipalities, wherever this looks promising,

2.) 898 billion Rand are needed for the latest National Water and Sanitation Master Plan, excluding costs for urbanization and extreme weather events. New financing concepts

*W&S 08.2022 and infrastructurenews 09.2022



Target regions

Letaba

Monitoring

- Observation
- Data collection
- Stakeholder-Engagement
- Infrastructure assessment Pilot concepts, solutions
- Systems analysis •

taking account of economical, ecological, financial, social, technical... regionalized and localized in two pre-selected target regions for

cross-verification

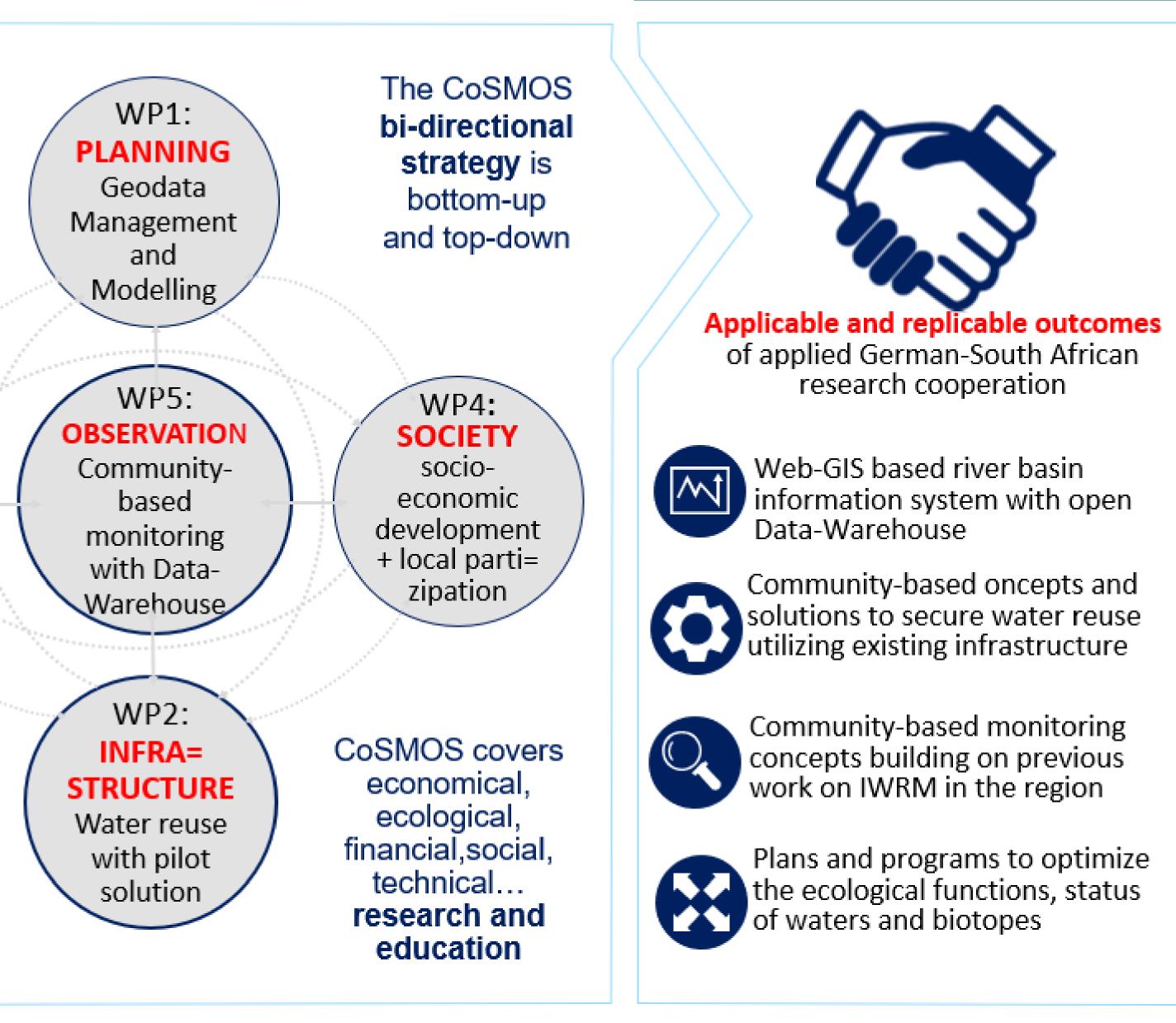


WP3: WATER ECOLOGY with near-to nature solutions

CoSMOS will leverage funding by use of previous R&D and existing infrastructure

Approach & Work Packages

Deliverables





CoSMOS – Conclusion

- > CoSMOS follows a bidirectional strategy, bottom-up and top-down, enforcing ownership of local water users and communities.
- > CoSMOS is being designed for implementation with Kruger National Park, water user associations in the target areas and is advised by DWS, WRC, GIZ and the water industry.
- > CoSMOS will community-based pilot solutions for water reuse, for water ecology and for water society, all this integrated in regional planning and data management.
- > CoSMOS, utilizing research outcomes and existing infrastructure, can leverage R&D funding significantly.

mail@uni-wh-ieem.de christian.jolk@th-owl.de

III Thank you for listening to CoSMOS III

