Bettina Genthe (CSIR)
WRC 4th Symposium 11-13 September 2019, Sandton Convention Cent4r
The main objective of AfriAlliance is for African and European stakeholders to work together in the areas of water and climate innovation, research, policy and capacity development in order to enhance the preparedness of Africa for climate change challenges.
• 5-year project: 2016-2021
• Funding by EU H2020, 3.2 million EUR
afrialliance partners
1. To promote and implement *enriched and strengthened coordination* within Africa and between Africa and the EU

2. To **identify vulnerabilities and raise awareness** about the impacts of Climate Change on Water Resources

3. To **facilitate knowledge sharing and technology transfer** in online and offline environments and events for African and EU stakeholders in water and climate

4. To **improve water resources monitoring and forecasting** processes and tools in Africa
Serve as an 'alliance of networks' by connecting existing African and European networks

Demand-driven Action Groups – bottom-up solutions

Create shared, demand-driven short term innovation opportunities and long-term research agendas

Coordinate and connect (local) demand and supply through knowledge sharing and technology transfer

Improve African "data capacity"

Connect with international audience
activities

- Fostering demand-driven Action Groups
- Online platform for knowledge sharing
- Bridge events & innovation roadshows
- Matching short-term social innovations & needs
- Identifying long-term R&D agenda
- Triple sensor monitoring & forecasting
<table>
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<tr>
<th>Name</th>
<th>Lead</th>
<th>Contributors</th>
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<tbody>
<tr>
<td>Upscaling potential of water harvesting across Africa</td>
<td>Wageningen University</td>
<td>University of Leeds, International Water Management Institute, National Institute of Agriculture Research and Development (INIDA), Mekelle University, Great Green Wall Initiative, Institut des Régions Árides, Hamburg University of Applied Sciences, Newcastle University, Sokoine University of Agriculture, Centre for Environment and Development, University of Bern</td>
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<tr>
<td>Integrated Water Resource Management and Ethics</td>
<td>Rhodes University</td>
<td>Wageningen University, Universite Moulay-ismail, University of Botswana, ICATALIST Consultancy Group and University of Leeds</td>
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<tr>
<td>Efficient and Innovative Small Scale Irrigation</td>
<td>Ethiopian Institute of Water Resources (EIWR)</td>
<td>Addis Ababa University, Rwanda Agriculture Board, Sokoine University of Agriculture (Tanzania), Meta Meta Research (the Netherlands)</td>
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<tr>
<td>A4A (Arid African Alluvial Aquifers for Agriculture)</td>
<td>Mekelle University</td>
<td>South Eastern Kenya University, Dabane Trust, Oxfam Mozambique, University of Energy and Natural Resources, UNESCO-IHE</td>
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<td>SIRAF (Sustainable Intensification for Resilience and Food Security)</td>
<td>International Institute for Environment and Development (IIED)</td>
<td>ANSD (Association Nourrir sans Détruire), INERA (Institut de l’environnement et de recherches agricoles), LUANAR (Lilongwe University of Agriculture &amp; Natural Resources), Total Land Care, UDS (University for Development Studies)</td>
</tr>
</tbody>
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Impacts
Increased preparedness of Africa for future Climate Change challenges

Minimised fragmentation
- Well-connected broader water sector community in Africa, with the EU and relevant other international actors
- Evidence-based strategic advice and recommendations for improving innovation/development aid in Africa

Demand-driven Research & Social Innovation
- Identified short term R&I opportunities for implementation
- Shared long term R&I Agenda to prepare for Climate Change challenges
- Small-scale solutions to key challenges

Improved M&F tools for water & climate
- Scalable blueprint for triple-sensor approach
- Online interactive inventory of water resources M&F efforts in Africa
- Plan to improve M&F mechanisms (tools and institutional set up)

Enhanced Knowledge Sharing and Technology Transfer
- Structural communications between stakeholders and networks at all scales
- Effective, demand-driven and problem-focused knowledge sharing
more information

🌐 www.afrialliance.org
✉️ afrialliance@un-ihe.org
🐦️LinkedIn
️Facebook
AfriAlliance aims to better prepare Africa for climate change challenges by having African & European stakeholders work together.

more about AfriAlliance

Become a community member:
Sign up with your Google or LinkedIn account
Read more about the AfriAlliance Community
Upcoming Events

Wetskills-South Korea 2019
Behold! The second edition of Wetskills South-Korea! Because of the success of a memorable first (Olympic) edition of a Wetskills Water Challenge in South-Korea in February last year (read more about...)

Wetskills-Mexico 2019
For the first time to Mexico! Wetskills will organize its water challenge for the first time in Mexico City and the fourth time overall in North America, after Toronto (2014), Milwaukee (2015) and...

SADC Groundwater Conference
The Southern African Development Community-Groundwater Management Institute (SADC-GMI) and its partners are proud to announce their 2nd Annual SADC Groundwater Conference to be held under the theme...

From our Knowledge Hub

African Water Digest (July 2019)
The Rural Water Supply and Sanitation Initiative (RWSSI) is an Africa-wide initiative managed by the African Development Bank (AfDB). RWSSI supports rural water and sanitation projects and programmes...

Call for Innovators - Join us at the 3rd AfriAlliance Innovation Bridge Event in Marrakesh
AfriAlliance is looking for social innovation companies in water and climate change who would like to contribute to our Innovation Bridge Event at the African Utility Week on 30 September 2019 at the...

Hot off the press: New Water Europe publication 'Water in the 2030 Agenda for Sustainable Development'
Water Europe, one of the AfriAlliance partners, has launched its new publication Water in the 2030 Agenda for Sustainable Development. How can Europe Act? The publication has been jointly designed...
Outputs

AfriAlliance Action Groups

As the vehicle for concrete demonstration, pilot projects, and information and knowledge sharing on selected thematic fields, AfriAlliance has launched Action Groups, bringing together African and European peers with relevant knowledge and expertise to work jointly towards implementable solutions.

View all Action Groups

Social Innovation Factsheets

The AfriAlliance Social Innovation Factsheets (SIFs) highlight innovation opportunities that scientists, CSOs, managers and SMEs can act upon in order to foster short-term improvements in the preparedness of African stakeholders for water and climate change challenges.

Read the SIFs

AfriAlliance Policy Briefs

Preparing Africa for the impacts of climate change on water resources: our Policy Briefs provide recommendations for decision makers on how to address key issues such as capacity development, funding local initiatives and data collection & use.

Read the Policy Briefs
Webinar: Grant Writing for Agri Research

This webinar is being conducted by Ruth Sandland, Head of Research Grant Development at Rothamsted Research, UK. It is being organized and hosted by Vertiver on behalf of the TIGR2ESS programme. The...

WISER webinar: Lessons in Co-Production of Climate Services from African Case Studies

The WISER programme will be hosting its first public webinar, focused on sharing learning on how to co-produce climate services in Africa. The webinar will provide a glimpse of some of the initial...

AfriAlliance MOOC

Do you want to deepen your knowledge regarding the implications of climate change for water resources and uses in Africa?

Emanuele Fantini
Senior Lecturer/Researcher, IHE Delft
Join the community!
This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 689162.