



afrialliance

Africa-EU Innovation Alliance for Water and Climate



Fostering demand-driven Action Groups



Triple sensor monitoring & forecasting



Online platform for knowledge sharing



Matching short-term social innovations & needs



Bridge events & innovation roadshows



Identifying long-term R&I agenda



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No. 689162.

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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.

We make use of the experience built up by existing networks both in the EU and on the African continent, dealing from different angles with issues related to water and climate, and consolidating the existing experience and expertise into an effective and problem-focused mechanism.



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Fostering demand-driven Action Groups

In demand-driven, thematic Action Groups, African and European stakeholders work together towards cost-effective, innovative solutions for common water and climate change-related issues. The Action Groups are instruments of small-scale projects for demonstration, pilots and information sharing. There are two calls for action groups throughout the project with the first themes including IWRM, Food Security / Agriculture, Human Capacity Development, Climate Change Adaptation and Mitigation and more.



Triple sensor monitoring & forecasting

AfriAlliance aims to improve water and climate monitoring and forecasting (M&F) processes and tools in Africa by 1) identifying current efforts, barriers and opportunities and 2) building a blueprint on how to develop a full monitoring system covering all water points in a specific region or country. The M&F takes a triple sensor approach, which combines *in-situ* sensors, human sensors and remote sensors.



Enhancing ONLINE knowledge sharing

AfriAlliance harnesses the collective power of existing water and climate-related networks and stakeholders. Online knowledge sharing is facilitated by an online platform that integrates the latest tools for online community exchange and knowledge sharing, knowledge management for the AfriAlliance Action Groups and integrated links to related initiatives such as the EIP Water in Europe.



Boosting FACE-TO-FACE knowledge sharing and technology transfer

AfriAlliance facilitates face-to-face knowledge sharing and technology transfer to increase and improve interactions among African and EU stakeholders in water and climate. We build on existing initiatives (e.g. partnerships, networks, and conferences) and also organise our own events (e.g. AfriAlliance conferences, Brokerage Roadshows, and Innovation Bridge Events) in Africa.

AfriAlliance Activities



Matching short-term social innovation & research needs

By using a mix of road mapping techniques, AfriAlliance identifies short-term research and innovation (R&I) needs and matches them with social innovations and relevant knowledge already available. A demand-driven Outlook on Research & Innovation Opportunities will propose solutions for various audiences.



Identifying long-term knowledge, technology and capacity needs

AfriAlliance identifies medium-long term needs of the African stakeholders to become better prepared for Climate Change, culminating in a Research & Innovation Agenda. Overall, these R&I activities aim to improve African preparedness for water and climate change-related challenges.

AfriAlliance is coordinated by IHE Delft Institute for Water Education

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