



StARCK+

Strengthening Adaptation and Resilience to Climate Change in Kenya Plus

PROGRAMME OVERVIEW

StARCK+: Strengthening Adaptation and Resilience to Climate Change in Kenya Plus

Strengthening Adaptation and Resilience to Climate Change in Kenya Plus (StARCK+ 2013-18) is a five year £28 million initiative supported under the Department for International Development (DFID) Government of the United Kingdom's International Climate Fund. StARCK+ supported Kenya's efforts in addressing climate change through:

Catalysing private sector innovation and investment: Kenyan private sector plays a transformative role in promoting innovation and delivering climate resilient and low carbon growth;

Strengthening climate change governance: stronger policy, institutional and regulatory framework established to plan, budget and deliver climate resilient development by the state and the private sector;

Supporting civil society advocacy: enhanced capacity of civil society and media to hold government to account on climate change delivery and impact, and to demand delivery from government and stimulate the private sector on climate change products and services.

STARCK+ ACHIEVEMENTS

The StARCK+ portfolio delivered considerable benefits in terms of improvements in resilience and adaptation at the local level, reduced CO₂e emissions, the creation of enabling environments, capacity development, and the delivery of livelihood benefits. Partnerships with community organisations, government, non-state actors, and the private sector were critical to these achievements. The first programme phase from 2011-2013 supported the development of the National Climate Change Action Plan 2013-2017 while the second phase supported implementation.

LOCALLY EMBEDDED

A key factor in StARCK+ success has been its 'embeddedness' in the national and sub-national contexts, and strong partnerships with a variety of stakeholders at multiple levels, including local organisations that already had good relations with beneficiary communities and other partners. The management of programme components and projects by Kenyan organisations, and building on existing activities, has helped deliver results on the ground.

DISRUPTIVE INNOVATION

StARCK+ has delivered outcomes that transform lives at the household level, including providing affordable, safe and clean lighting to nomadic and rural poor populations; and enabling slum dwellers to afford clean, efficient and convenient cooking and

WHO-level safe indoor air, while saving households money. Beyond transforming individual lives, StARCK+ has played a significant part of creating an energy sector transformation at the economy scale. Kenya is a recognised innovation hub in Africa (and globally), with multiple innovations moving from idea, to trial and error pilots, to proof of concept, to scale and finally to commercialisation. StARCK+ cannot claim to have created the Kenyan 'Silicon Savannah', but it was a common element and early investor in all the highest profile energy sector successes, and can fairly take due credit. StARCK+ has been part of truly innovative and ground breaking developments around energy access for the rural poor, the developments around Pay As You Go (PAYG) solar, and innovations on PAYG systems generally, which are spearheads for dramatic changes in energy service delivery.

HOLISTIC MECHANISMS

These disruptive-change models, that make transformational changes away from 'business as usual', are exactly what is needed to stay below 2°C to avoid the worst climate change impacts, and they are delivered in conjunction with health, education, women's empowerment and poverty reduction benefits. StARCK+ provides an excellent opportunity for further learning regarding the relationship between resilience to historical climate variability and adaptation to climate change.

GOVERNANCE

Adaptation Consortium (ADA)

The ADA Consortium, a core component of the National Drought Management Authority (NDMA) in Kenya, is piloting a County Climate Change Fund (CCCCF) as a Devolved Climate Finance (DCF) mechanism in five arid and semi-arid counties of Garissa, Isiolo, Kitui, Makueni and Wajir.

The ADA Consortium enhances climate resilience and provides decentralised support at the county level through the establishment of county climate change funds and support to meteorological offices. The component is delivered by a consortium comprised of the International Institute for Environment and Development, CARE, Christian Aid, Kenya Meteorological Department, United Kingdom Met Office, and a Secretariat housed at the NDMA.

The County Adaptation Funds (CAFs) and associated activities supported by Adaptation Consortium and the Technical Assistance to the Government of Kenya, play a critical role in the creation of an enabling environment, and mainstreaming climate change into governance, planning and budgeting at the national and county levels. The Isiolo Adaptation Fund is a striking example of where an enabling environment created by changes in governance at national and county levels (decentralisation and the establishment of county-level adaptation governance mechanisms) has led to increased resilience on the ground, by placing governance of natural resources in the hands of pastoral communities and backing this up with policies and legislation that empower these communities to enforce regulations around natural resource management. This represents a major 'transformational' impact of the StARCK+ programme that delivers resilience benefits through qualitative changes in governance at large (i.e. county-wide, for multiple counties) spatial scales.

adaconsortium.org

PRIVATE SECTOR

Kenya Climate Innovation Center (KCIC)

KCIC provides holistic, country-driven support to accelerate the development, deployment and transfer of locally relevant climate and clean energy technologies.

KCIC supports climate innovation in Kenya's private sector through the provision of incubation services, capacity building services, information, and finance to private sector entities that are involved in agribusiness, waste and sanitation, and clean energy while also advocating for an enabling eco-system for private sector development. A stepping stone approach invites good performers to set and reach realistic growth goals with technical assistance, mentoring, and finance, until they are ready for investment. By 2017, KCIC had supported 166 startup and early-stage companies based on innovative technologies and business models in climate-related sectors, such as climate smart agriculture, renewable energy, water, and bio-energy. KCIC facilitates flexible access to finance needed by the clean technology businesses through their growth cycle. StARCK+ contributed £2 million to KCIC through infoDev in the World Bank and an additional £2 million was invested in the Kenya Climate Ventures, a sub-company of KCIC which was established in 2016 to invest in climate related initiatives by taking debt or equity in companies.

kenyacic.org

PRIVATE SECTOR

Finance Innovation for Climate Change Fund (FICCF)

FICCF implemented the Climate Smart Agriculture (CSA) Initiative and provided three accountable grants to the Kenya Association of Manufacturers, ClimateCare and the United Nations Joint Programme on Climate Change.

This Consortium led by DAI, Matrix Development Consultants and the International Institute for Sustainable Development (IISD) is also responsible for the co-ordination and monitoring function of the overall StARCK+ programme.

The FICCF Climate Smart Agriculture initiative provided climate finance to four micro-finance institutions for on-lending to agribusinesses and small-holder farmers involved in four value chains: sorghum, cassava, indigenous chicken and dairy. Initiatives around cassava and sorghum may be viewed as transformational adaptation, as they are creating new value chains around drought-resistant crops that, while they have been grown locally for many years, have

not been produced commercially. These are replacing, or have the potential to replace, less drought-tolerant crops, principally maize and barley. The FICCF dairy initiative is likely to improve the resilience of input chains through a transition to higher nutrient, high-fibre grasses and legumes that are more drought resistant than fodder maize.

ClimateCare has sold 13,331 fuel efficient jikos and ethanol stoves leading to reduced use of charcoal, reduced household expenses on fuel and improved air quality in the home of the users. KAM has supported climate change policy work and sustainable county energy planning in seven counties: Mombasa, Machakos, Nairobi, Nakuru, Uasin Gishu, Kiambu and Kisumu by conducting a situational analysis of the energy situation and preparing energy plans. The UN support has also contributed to policy developments on climate finance, charcoal, sustainable housing and the transport sector.

ficcf.com

PRIVATE SECTOR

The AECF Renewable Energy and Adaptation to Climate Change Technologies Window (REACT)

The AECF (Africa Enterprise Challenge Fund) is a US\$ 310 million multi-donor development institution that seeks to alleviate poverty in Sub-Saharan Africa.

The fund supports innovative commercial businesses in the agribusiness, renewable energy and adaptation to climate change technology sectors. The AECF provides matching grants, repayable capital and technical support that unlocks the power of the private sector to positively impact the lives of the rural and marginalized communities in Africa.

The REACT (Renewable Energy and Adaptation to Climate change Technologies) funding window of the AECF established a third funding round (REACT R3) that aims to incentivise private sector businesses to provide adaptation and low-carbon goods and services in arid and

semi-arid lands. Its purpose is to catalyse investment and innovation in low cost, clean energy and climate change technologies. REACT invests in business ideas that show environmental benefit and demonstrate positive social impact through increased incomes, employment and productivity or reduced costs. Over the past 6 years, the overall fund size has grown to US\$ 131million with funding in 14 African countries. With £8 million in funding from the StARCK+ programme, REACT R3 supports 13 projects across over 15 Kenyan counties with innovations in climate smart agriculture; livestock; climate information and media services; water; biogas; and pay-as-you-go solar financing. To date, the StARCK+ portfolio of companies has reached over 450,000 people and leveraged over US\$ 9 million in matching contributions from the private sector.

aecfafrica.org

CIVIL SOCIETY

Act, Change, Transform! (ACT!)

The ACT! climate change funding window was designed to strengthen Kenyan civil society engagement in climate change advocacy.

Established in September 2001 as Pact Kenya, and rebranded in 2011 as a fully-fledged indigenous organization, ACT! has provided platforms for articulating issues and processes, shared expertise, experiences and best practices related to capacity development, organizational development and grants management. StARCK+ engaged with ACT!'s Environment and Natural Resource Management Programme the Changieni Rasili Mali (CRM) Facility to improve citizen participation in the governance and sustainable utilization of natural resources in Kenya by focusing on five thematic areas; Land, Water, Agriculture, Environment, Climate change and Energy.

act.or.ke

GOVERNANCE

Technical Assistance to the Government of Kenya (TA)

Technical Assistance to the Government of Kenya aimed to help the Government of Kenya implement climate change governance reforms.

The TA component (also implemented by the DAI led consortium) has provided support for the implementation of Kenya's National Climate Change Action Plan including the development of Kenya's Climate Change Law and Policy, the National Adaptation Plan, Climate Finance policy, Kenya's Nationally Determined Contributions and preparation for the creation of the Climate Change Council.

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