

Outcome 3

Increased production and income through adoption and scale up of Good Agricultural Practice (GAP), good management and efficient water practices, technologies, and innovations in selected value chains

- 1. Training of County extension officers, Village Based Advisors (VBAs) and farmers on promotion of GAPs** through establishment of super, mother and baby demos. This is aimed at introducing agricultural technologies i.e. use of certified seeds, correct spacing, Integrated Pest Management, Integrated Soil Fertility Management, indigenous chicken, fodder and pasture.
- 2. Pasture and Fodder Value chain**
14 fodder and pasture demo plots established across the three counties where different varieties of pasture/ fodder are being promoted; Maasai love grass, African foxtail, Horsetail grass, Boma Rhodes grass, Napier grass, sweet potato vines, fodder sorghum, Bracharia grass and Tef grass.
- 3. Indigenous Chicken Value Chain**
To achieve its target of reaching farmers with information on good poultry practices and quality inputs, LISTEN project is working with 14 poultry groups utilising the poultry demonstration farms approach, supported by County livestock and veterinary extension officers, Village-based advisors, and input companies. Farmer trainings have covered both technical and business training using the indigenous chicken training manual developed. The trained VBAs act as service providers and are mentored by the project to ensure that a good number of them become sustainable and within reach of the farmers.
- 4. Capacity of county government to promote adoption of GAP such as water and soil efficient practices.**
The project supported in strengthening the capacity of all 3 LISTEN county governments in the area of Good Agricultural Practises, Climate Smart Agriculture, Integrated Soil Fertility Management and Integrated Pest Management.
- 5. Farmers' access to finance, technologies and services on food, nutrition and water security from research institutes and private sector improved.**
LISTEN has enhanced linkages with farmer groups, input companies, aggregators, and other value chain actors as a first step to exploring opportunities for synergy with the Village based advisor (VBA) model.



Outcome 4

Use of Knowledge and Innovation management increased in ASALs

- LISTEN project partnered with National Drought Management Authority (NDMA) and the Kenya Meteorological department in dissemination of climate information and weather advisory for OND and MAM rains.
- The project has been supporting peer to peer learning among farmers and county extension officers to showcase different resilient technologies and business models that farmers can afford to install and use at farm level to solve their existing problems in water and farming both at a farm and landscape level.



Innovative solutions to stimulate sustainable food security, water resources.

Co-creation of business cases were done with Mugie Conservancy, IMPACT and Merti Integrated Development Programme (MIDP).

- 1. Partnership with the Access to Solar Water Pumps Project**
By building synergy with the A2SPL project LISTEN has established demo plots powered with drip kits and solar water pumps to promote learning and sharing on how farmers can increase productivity, incomes, and climate resilience
- 2. The project has developed a web-based knowledge management tool** that maps real time project sites. <https://explorer.land/p/project/listen-project/about>



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Laikipia, Isiolo, Samburu
Transforming the Environment
Through Nexus.

Building resilience to climate change

About the LISTEN Project

LISTEN is a 3.6 million Euro project being implemented for 3.5 years (from October 2020 to March 2024) by SNV, in partnership with Frontier Counties Development Council (FCDC) and Alliance for a Green Revolution in Africa (AGRA). The project seeks to contribute to strengthened resilience to climate change by increasing food, nutrition, and water security in Laikipia, Isiolo, and Samburu counties of Kenya.

The overall project goal is to contribute to strengthened resilience to climate change by increasing food, nutrition, and water security in selected ASAL counties of Laikipia, Isiolo and Samburu in Kenya.



Project outcomes

1. Improve institutional capacities and programming frameworks for inclusive climate resilience in Laikipia, Isiolo and Samburu,
2. Improve water and livelihood resource management at Landscape level in the Ewaso Nyiro River Basin Ecosystem through working with WRA and WRUAs and other actors,
3. Increase production and income through adoption and scale-up of Good Agricultural Practice (GAP), good management and efficient water practices, technologies and innovations in selected value chains,
4. Use of Knowledge and Innovation management increased in ASALs.

Cross cutting themes -Gender and youth inclusion, and resource-based conflict management

Outcome 1

Improved institutional capacities and programming frameworks for inclusive climate resilience at the county



A hazard map developed by the community

- 1. Domestication of the NCCAP**
Enhanced the domestication of the NCCA from the national level to the County and Ward levels thus opening up LISTEN counties to access funding streams from their new CIDPs (2023-2027).
- 2. Created a forum where the CECs of Agriculture, Environment and Water** in each county have a regular platform to meet and discuss CC issues.
- 3. Sensitization of Ward Climate Change Planning Committees (WCCPC)**
Sensitized Chari, Kinna and Burat WCCPCs in Isiolo through awareness creation on climate change and identification of priority areas in the Ward Development Plans.
- 4. Establishment of Ward Climate Change Planning Committees (WCCPC)**
New Ward Planning Committees have been established in Laikipia, Isiolo and Samburu Counties.
- 5. Training of the Ward Climate Change Planning Committees**
Established and trained 6 Ward Planning Committees in Isiolo, Samburu and Laikipia on tools that enhance analysis of risks, drivers of vulnerability to these risks and community capacities and action planning that addresses the community prioritised risks and their causes.
- 6. Through a Nexus approach, the project has Supported the development and validation of Ward Development Plans (WDP)**
Imparted WCCPCs with skills that enable them to develop draft action plans. The draft plans support in understanding landscape thus addressing key issues in the Ward Development Plans. The WDPs have contributed towards the inclusion of priorities of the wards into the County Integrated Development Plans.
- 7. LISTEN support on legislation and policies through an inclusive approach**
Policies and legislations are in place to ensure that the governance structures have been established and strengthened to facilitate implementation like the establishment of the Ward Climate Change Planning Committees. Isiolo County has a climate change Act, climate change financial regulations but the draft climate change policy whereas no climate change action plan; Laikipia County has a Climate Change Act and climate change policy but draft climate change financial regulation and no climate change action plan; and Samburu County has a climate change Act, climate change Policy and draft climate change financial Regulations but no climate change action plan.
- 8. Training of 7 ToT to enhance Nexus approach understanding at the County level.** This has ensured that different departments at the County level have visualised the nexus approach. This has enabled co-created planning across all county departments.

Outcome 2

Improved water and livelihood resource management at landscape level in the Ewaso Nyiro River Basin Ecosystem

- 1. Trained 12 Local Capacity Builders** to support county government and communities in participatory resource mapping and watershed (water, climate change, NRM/Grazing, and crop) management planning processes.
- 2. Strengthening of Integrated Water Resources Institutions.** LISTEN and WRA have co-designed a capacity building package to strengthen WRUA institutional capacity and improve water governance at sub catchment level. This includes trainings on WRUA Development Cycle framework, stakeholders mapping and sensitization, Sub-Catchment Management Plan (SCMP) review, Constitution Review, Drafting and signing tripartite MoU between the WRUA, WRA and the Counties. The selected WRUAs are Ewaso Narok (Source of water for Salama ward), Timau (source of water for Segera ward) and Ngare Nything (Source of water for Burat ward).
- 3. Climate proofing water systems for resilient livelihoods.** In partnership with BATUK, the project has rehabilitated six water points in Laikipia and Isiolo Counties. These are supporting households communities undertaking agriculture.
- 4. Soil and water conservation along riparian areas**
LISTEN has worked with Isiolo, Timau, Ngusishi, Naromoru, Pesi and Mutara WRUAs to restore degraded riparian areas. Together with the WRUAs, the LISTEN project planted 14996 indigenous tree seedlings along the riparian areas. This intervention contributed to increased number of hectares of farmland under improved watershed management.
- 5. Integrated landscape management.** Undertaken grass reseeding on more than 200 acres of community land in Il Ngwesi, Leparua, Suguta Mugie, Merti, Mukogodo conservancies.

