

WATER GOVERNANCE · CLIMATE RESILIENCE

Climate-resilient water governance and hydro-meteorological monitoring

CLIENT

Hirshabelle Ministry of Energy & Water Resources (MoEWR)

PERIOD

2023 – 2024

LOCATION

Hirshabelle
(Hiiraan & Middle
Shabelle)

ENGAGEMENT

Government · 2
assignments

THE CHALLENGE

Riverine communities along the Shabelle face recurrent floods and droughts, while state institutions need reliable data and enforceable rules to manage scarce water resources.

WHAT MOSHAN DELIVERED

- | | |
|-------------|---|
| 2023 | State-wide hydro-meteorological monitoring network design, with telemetry standard operating procedures |
| 2024 | Water-policy operationalisation, Water Users' Association (WUA) regulation and a tariff blueprint |

RESULTS & VALUE TO THE CLIENT

Equipped the ministry with the monitoring architecture, operating procedures and regulatory instruments needed to manage water resources and plan for climate shocks.

2

consecutive assignments, 2023–2024

1

state-wide hydromet network designed, with telemetry SOPs

3

regulatory instruments: policy, WUA regulation, tariffs



DISASTER RISK REDUCTION · INSTITUTIONAL REFORM

Disaster risk reduction, early warning and institutional reform

CLIENT

Hirshabelle Ministry of
Humanitarian Affairs & Disaster
Management (MoHADM)

PERIOD

2021 – 2024

LOCATION

Hirshabelle
(Hiiraan & Middle
Shabelle)

ENGAGEMENT

Government · 3
assignments

THE CHALLENGE

A young state ministry required stronger institutional governance and practical tools to anticipate and respond to riverine floods and other hazards.

WHAT MOSHAN DELIVERED

2021–22	Public-administration reform and institutional governance framework
2023	Multi-hazard early-warning system, GIS riverbank vulnerability atlas and DRR protocols
2024	Riverine climate-disaster contingency plan, evacuation master plan and Training-of-Trainers

RESULTS & VALUE TO THE CLIENT

Three successive assignments that moved the ministry from institutional set-up to operational preparedness, with trained staff able to cascade capacity.

3

successive assignments, 2021–
2024

6

institutional & operational DRR
tools delivered

1

Training-of-Trainers to cascade
capacity



AGRIBUSINESS · IRRIGATION · MARKET SYSTEMS

From commissioning to market systems: a long-term agribusiness partnership

CLIENT

Daaq Agrovet

PERIOD

2020 – 2026

LOCATION

Somalia

ENGAGEMENTPrivate sector · 5
assignments**THE CHALLENGE**

A commercial agricultural enterprise needed to commission and sustainably operate new irrigation, solar pumping and post-harvest assets, and to grow inclusive market linkages.

WHAT MOSHAN DELIVERED

2020	Commissioning, operation and maintenance of greenfield irrigation, solar-powered pumping and post-harvest facilities
2022–23	Irrigation O&M frameworks and water-allocation regulations
2022–23	Agricultural value-chain analysis and market-systems development
2025	Female agri-producer empowerment and micro-business capacity building
2026	Localisation challenges assessment and localisation guidelines

RESULTS & VALUE TO THE CLIENT

Five assignments across six years, showing MOSHAN's ability to accompany a client from technical start-up to inclusive, sustainable operations.

5assignments with one client,
2020–2026**3**asset systems commissioned:
irrigation, solar pumping, post-
harvest**6**

years of continuous partnership



RESEARCH · MEL · THIRD-PARTY MONITORING

Evidence and performance assurance for humanitarian and livelihoods programmes

**CLIENT**

KARDO AID · ADRO

PERIOD

2018 – 2022

LOCATIONHard-to-reach
areas, Somalia**ENGAGEMENT**International &
national NGOs · 3
assignments**THE CHALLENGE**

Programme partners required independent, credible evidence on needs, performance and results in hard-to-reach areas.

WHAT MOSHAN DELIVERED

2018–19	Baseline studies, third-party monitoring, evaluation and impact assessment (KARDO AID)
2021	Community livelihoods baseline assessment and needs analysis (KARDO AID)
2021–22	Impact evaluation and third-party performance assurance for humanitarian response (ADRO)

RESULTS & VALUE TO THE CLIENT

Independent, field-verified evidence supporting accountability to donors, programme adaptation and future programme design.

3

evidence assignments, 2018–2022

2programme partners: KARDO AID
& ADRO**100%**independent, field-based data
collection