

Strengthening Capacity of IGAD to Enhance Drought Resilience in the Horn of Africa (SCIDA III)

April 2022 – January 2027



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



SCIDA III

Strengthening Capacity
of IGAD towards Drought
Resilience in the Horn of Africa

Outcome

Capacities of the IGAD in cross-border disaster risk management have been strengthened at regional and local level

Output 4

Coordination mechanisms for cross-border cooperation between governments, municipalities, the private sector and civil society in the three IGAD clusters have been established.

Output 3

For Pandemic prevention, a regional, trans-national real time monitoring and surveillance system has been set up in accordance with the national regulations,



Output 1

Efficiency of the regional services of the IGAD Secretariat for IGAD Member States in the Cross Border Management of the Risk of Natural Disasters is Increased.

Output 2

Measures to Strengthen the resilience of Local Pastoral and Agro- Pastoral communities against natural disasters and environmental changes have been tested in the Karamoja Cluster on the basis of the Transhumance

Regional Level: Support for
 effective peaceful and
 resilient borderlands
Output 4

Regional Level: Support to
 IGAD Secretariat
Output 1,2,3,4

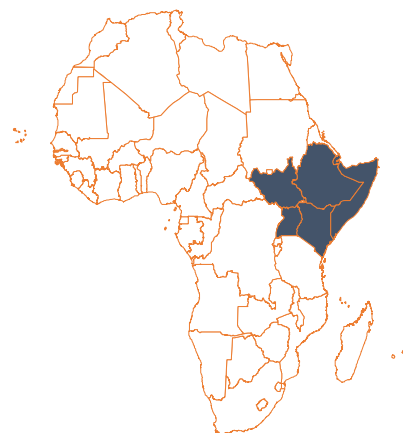
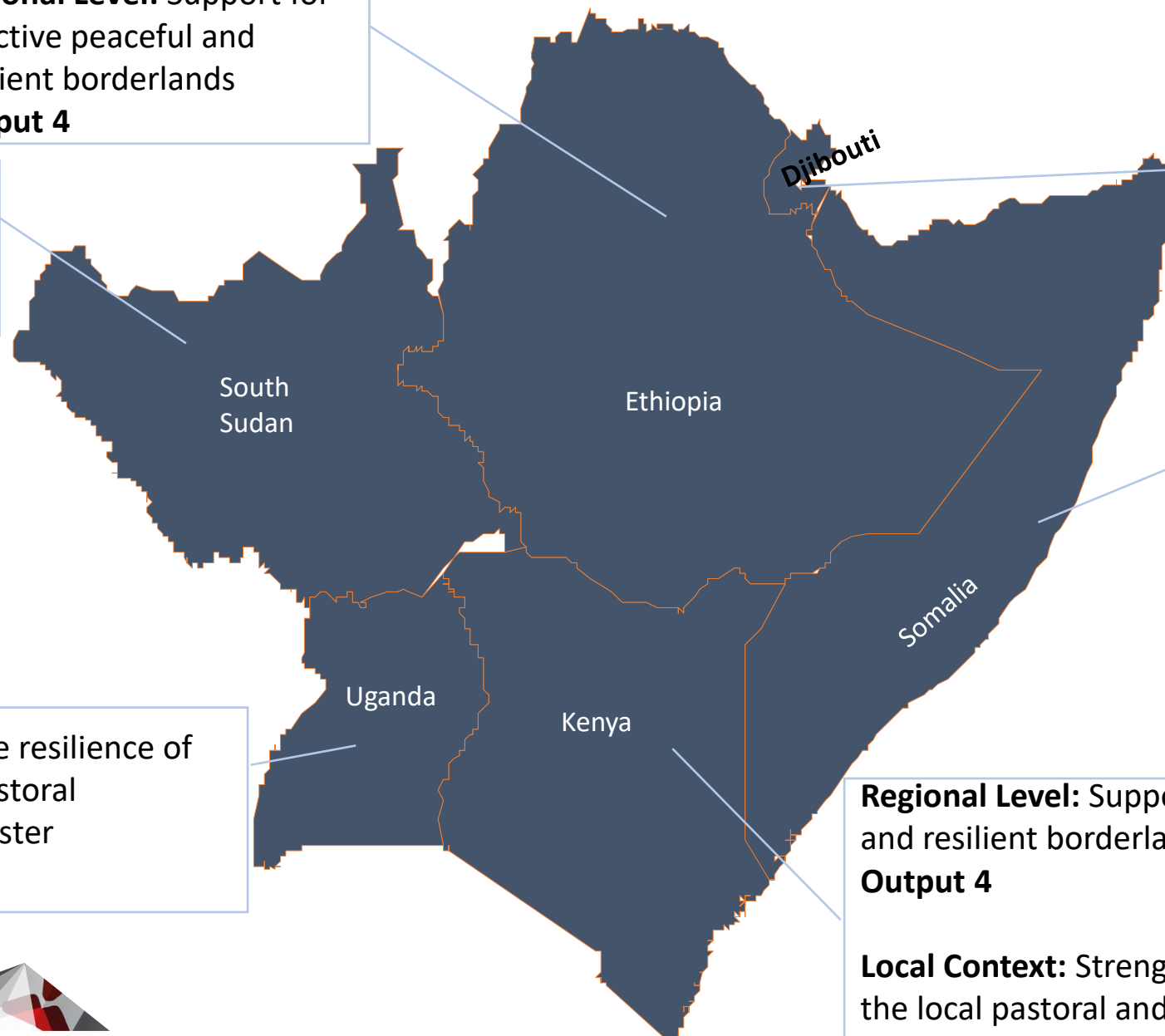
Regional Level: Support for
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Output 4

Local Context: Strengthen the resilience of
 the local pastoral and agropastoral
 communities in Karamoja Cluster
Output 2

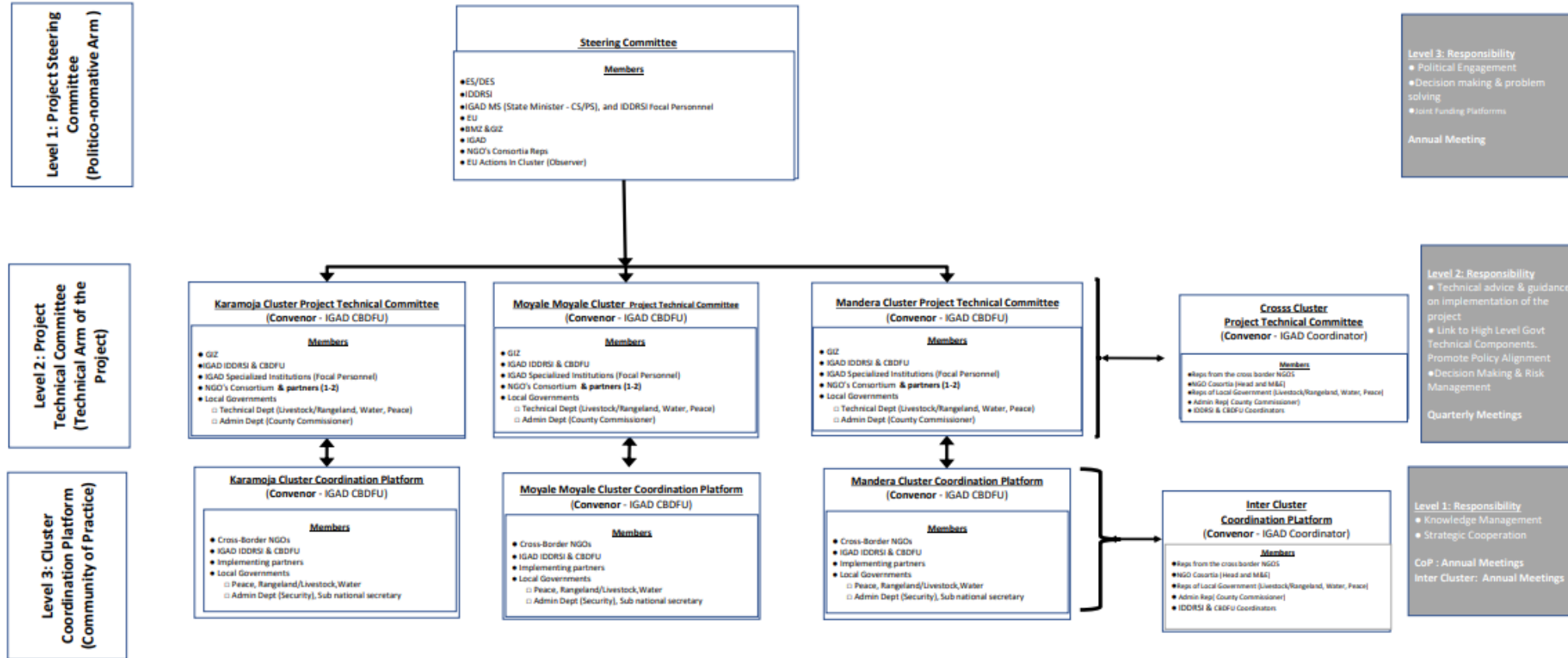
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Peaceful and Resilient Borderlands Programme



DCA Partners to Project Steering Committee

DCA: Program Director, Country Directors – Kenya, Ethiopia and South Sudan, and HoU GPRM
 Safeworld: Country Directors – Kenya and South Sudan.
 European Union: Project Manager
 Local Partners: Executive Directors
 Stakeholders: Government, GIZ/IGAD Consortium Project Manager

DRC Partners to the Project Steering Committee

BORESHA Chief of Party
 RACIDA CEO

LPI Partners to the Project Steering Committee

Life & Peace Institute Lead partner
 Mercy Corps
 Alliance of Communities in Hardship Areas (ALCHA)
 Pastoralist Concern (PC)



Co-funded by
the European Union

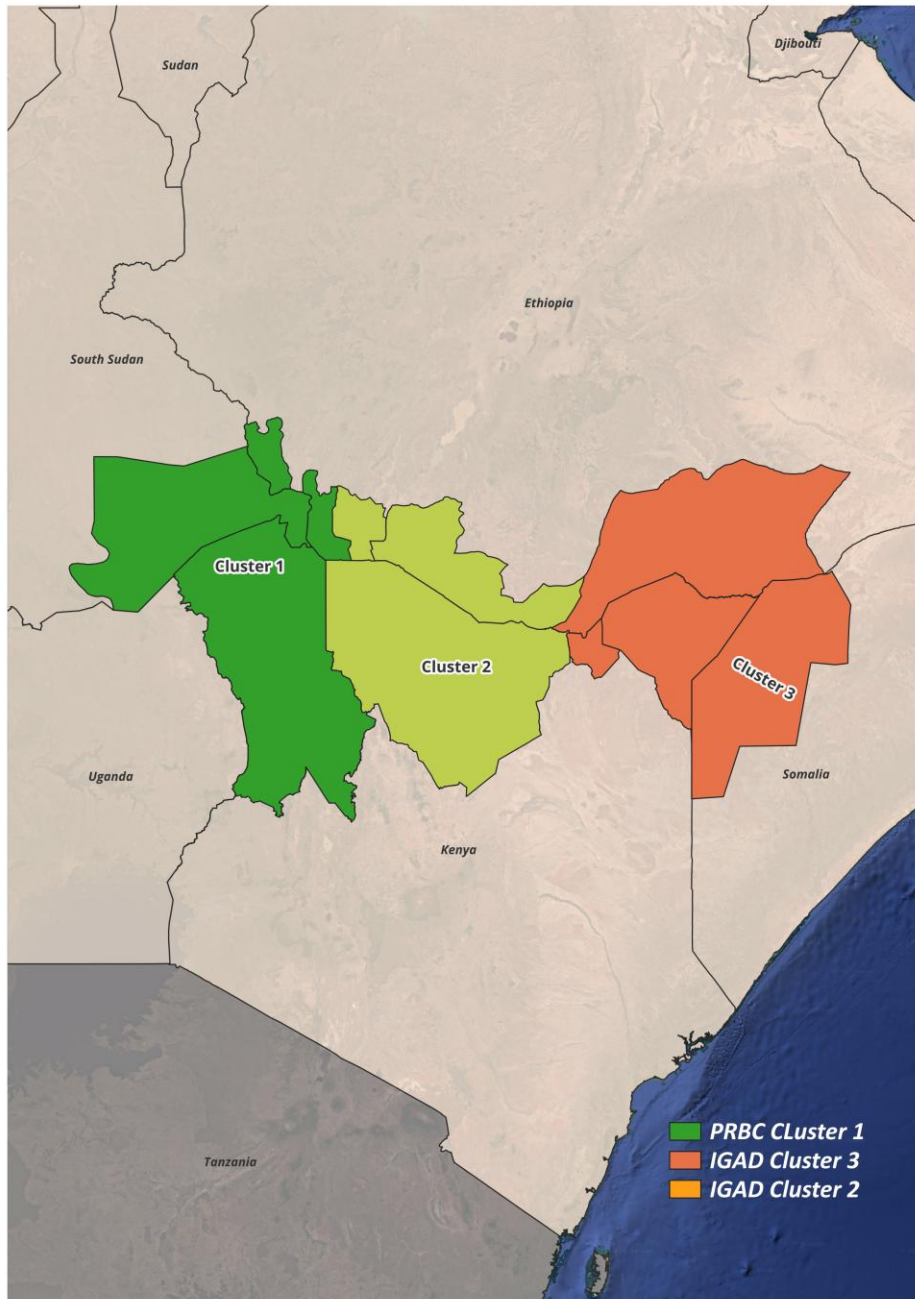


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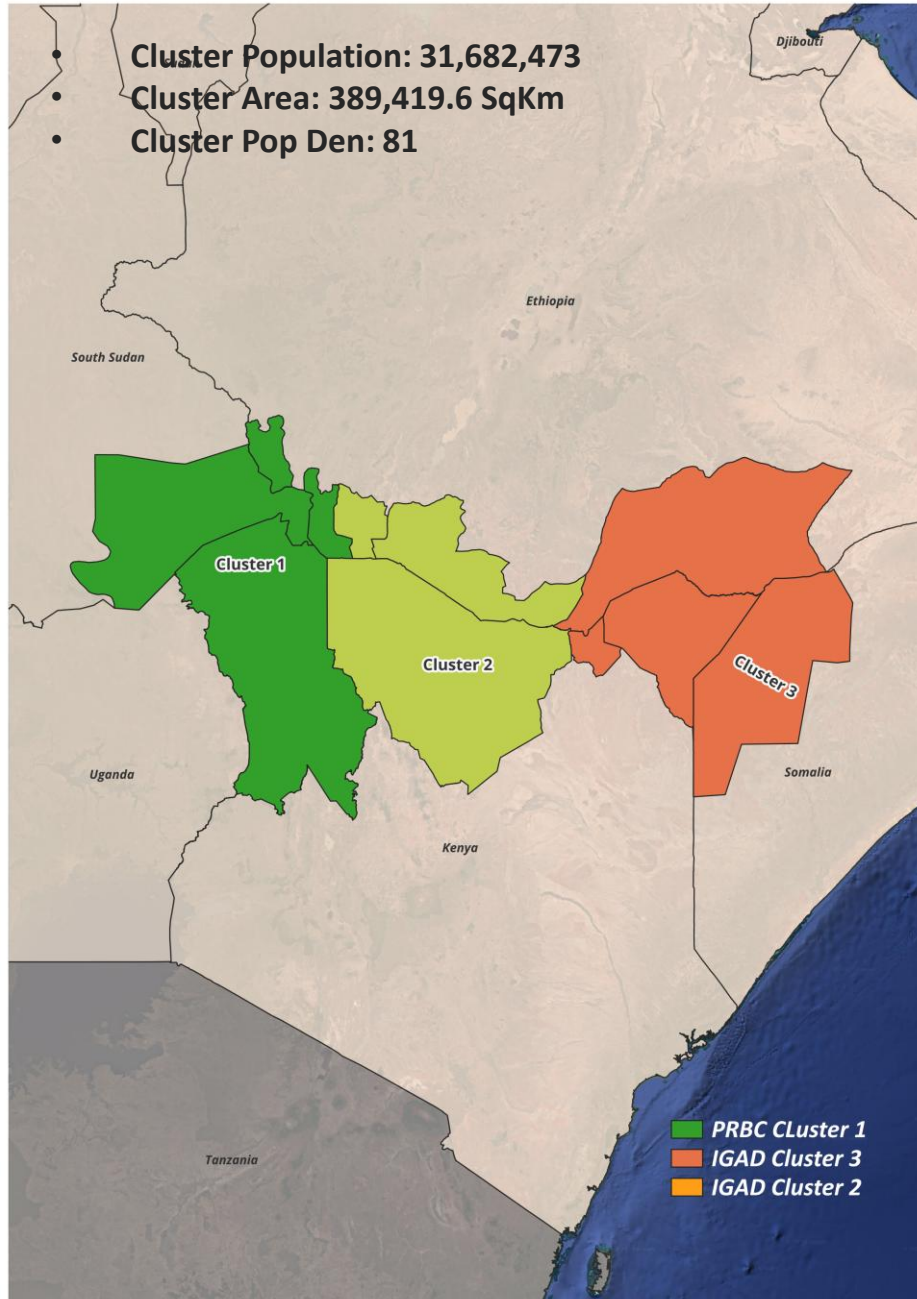


Situational Context within HoA Borderlands



- 4.5Mn Km2 mostly arid and semi-arid lands
- Rapidly growing population >250Mn
- Nomadic pastoralism as the prominent source of livelihood
- High illiteracy levels
- Vulnerability of the region to multi-hazards

Situational Context within HoA Borderlands



- Loss of life and property
- Increased health related risks
- Loss of livelihood
- Environmental degradation and loss of biodiversity



Early Warning & Climate Change

Empowering communities with timely climate information across East Africa



Drought Alert



Severe conditions



Flood Risk



High probability



Temperature



Rising trend



Crop Impact



Monitor closely



Implemented by



ICPAC



Husika Communication Platform

Connecting communities with life-saving climate information

Multi-layered, Multi-level and Multi-channel Early Warning Communication Platform

Bridging communication gaps across vast geographical areas and facilitating collaboration between government agencies and non-state actors in addressing multi-sector challenges

Cloud-based platform delivering multi-channel communication with structured information dissemination and intelligent user categorization



Mobile & SMS



Web Platform



Analytics & Reports



Multi-Stakeholder

Key areas Husika addresses

Husika is a comprehensive **communication tool** designed to bridge communication gaps in segmented and vast geographical areas



Geographic Coverage

Addresses communication challenges across **segmented and vast geographical areas**, ensuring no community is left behind



Multi-Stakeholder Collaboration

Facilitates seamless collaboration between **government agencies and non-state actors** in addressing complex challenges



Primary Focus

Multi-sector challenge resolution through enhanced communication

How it Works



Husika Communication

-  SMS
-  Mobile App
-  Web Access



Survey Tool

-  Data Collection
-  Feedback System
-  Real-time Analytics



Knowledge Base

-  Drought Watch
-  Hazard Watch
-  ICPAC Integration



User Levels and Tiers



Smart Tags



Targeted Content

Problems Husika Solves



Geographic & Cultural Barriers

Vast geographical regions with diverse populations speaking different languages, varied education levels, and economic activities

- ❗ Communication fragmentation across communities



Siloed Operations

Lack of collaboration between stakeholders, especially government agencies and non-state actors addressing multi-sector issues

- ❗ Isolated efforts reducing overall impact



Language & Complexity Barriers

Complex information dissemination without downstream simplification, creating accessibility challenges for diverse audiences

- ❗ Information not tailored to audience needs



Limited Feedback Systems

Traditional media (radio, print) lacks proper feedback mechanisms and data analytics capabilities for evaluation

- No measurable impact assessment
- ❗



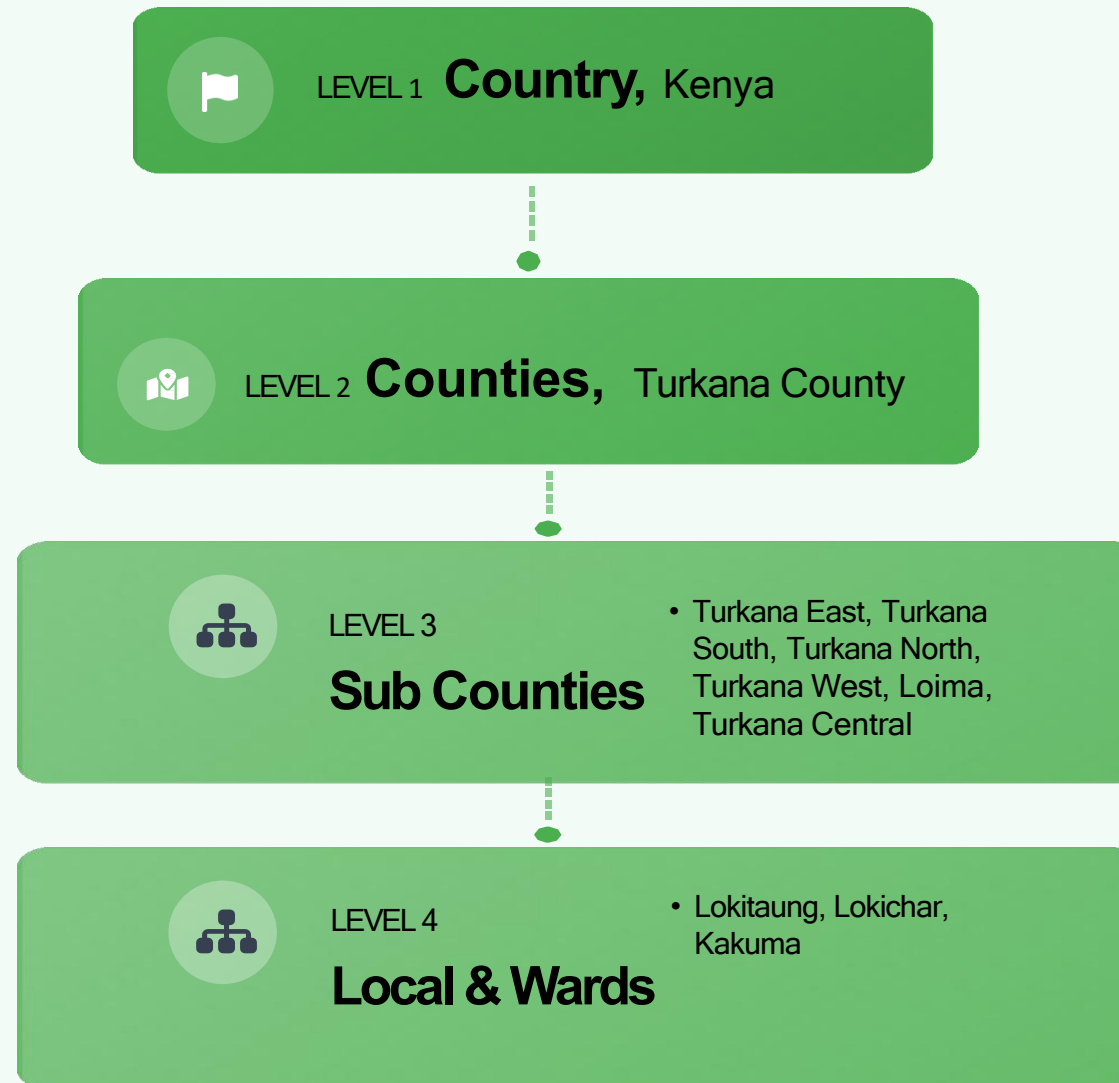
Husika's Comprehensive Solution

Targeted, multilingual, collaborative communication with built-in feedback loops

Communication Flow Structure

Slide 6 of 9

NDMA Use Case



Four core content types that power Husika's comprehensive communication platform



Alerts

Threat-based warnings delivered instantly to protect communities from imminent dangers

⚡ Immediate 🛡 Critical



Forecasts

Weekly, monthly, and seasonal weather & climate predictions for informed planning

📅 Scheduled 🔮 Predictive



Feed

General content including bulletins, statements, events, and articles for community awareness

📰 Informative 👥 Community



Broadcasts

Initiated communication delivered via SMS and in-app notifications for targeted outreach

📱 Multi-channel 🎯 Targeted



Integrated System



Real-time Processing



Smart Categorization



Multi-Language

Translation & language selection for diverse communities



Two-Way Comm

Bidirectional feedback and response mechanisms



CAP Standard

Common Alerting Protocol compliance for emergency alerts



Multi-Platform

WhatsApp, Telegram, SMS & Email integration



Multi-Tenancy

Multiple organization onboarding and management



Data Integration

ICPAC Early Warning systems & Drought Watch

Current Phase...



UX/UI enhancements & Analytics

Voice, Real-time insights



API Ready

Full integration



Social & USSD Onboarding

WhatsApp, Telegram Supports
feature Phones



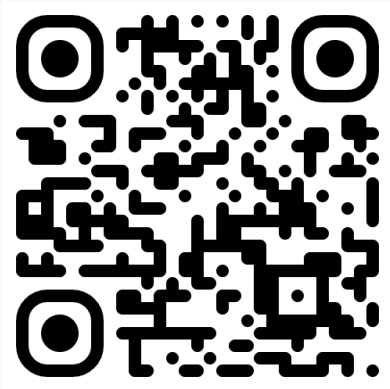
AI Integration

Agentic capabilities

Language Coverage Assessment

Language	eSpeak NG	Meta MMS	Commercial TTS	Status
Swahili	Yes	Yes	Limited	Ready
Amharic	Partial	Yes	No	Ready
Arabic	Yes	Yes	Yes (Twilio)	Ready
Somali	Partial	Yes	No	Ready
Oromo	Partial	Yes	No	Ready
Tigrinya	Yes	Yes	No	Ready
Luganda	Partial	Yes	No	Ready
Kinyarwanda	Partial	Yes	No	Ready
Kirundi	Partial	Yes	No	Ready
Nuer	No	Yes	No	Model Available
Dinka	No	Yes	No	Model Available
Turkana	No	No	No	Needs Work
Karamojong	No	No	No	Needs Work
Pokot	No	No	No	Needs Work

Multi-Channel On-Boarding



SMS/ Web Platform



Android OS



iPhone/iPad

Once Signed up Navigate to
<https://app.husika.io//dashboard>

Appendix 1: Web Backend Screens

Administrative interface for content management, user administration, and system analytics

Husika Admin Dashboard

GovStack Early Warning

JD

Search

Dashboard

Threats 1

Broadcasts 4

Feedbacks 23

Map View

Drought Watch ICPAC

Hazard Watch ICPAC

Overview LAST 7 DAYS

Threats 50 Active, 18 High Priority

Broadcasts 123 Sent, 3 Pending

Feedbacks 20 Received, 5 Today

Quick Actions

New Broadcast There are 6 new threats waiting for a broadcast. [CREATE NEW](#)

View Broadcasts There are 4 broadcasts created by you last week. [VIEW ALL](#)

View Feedbacks There are 8 new feedback for today. [VIEW ALL](#)

Recent Threats Recently Received Threats Within My Jurisdiction

Type	Location	Severity	Period	Broadcasts	Actions
Locust	Kenya Mombasa Kwale Makueni	High	10/05 • 12/20/2035	0	View
Heatwave	Kenya Mombasa Kwale Makueni	Medium	09/01 • 12/31/2035	0	View
Heatwave	Kenya Mombasa Kwale Makueni	Medium	07/25 • 11/15/2035	0	View
Drought	Kenya Mombasa Kwale Makueni	Low	07/20 • 10/15/2035	0	View
Cyclone	Kenya	Low	07/15 • 12/20/2035	0	View

Dashboard

Threats 1

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Map View

Drought Watch ICPAC

Hazard Watch ICPAC



Content Management

- Create & edit alerts
- Schedule forecasts



User Administration

- User roles & permissions
- Organization management



Analytics & Reporting

- Message delivery tracking
- User engagement metrics