The Technical Consortium is a project of the Consultative Group on International Agricultural Research, housed at the International Livestock Research Institute in Nairobi. The Technical Consortium works with a wide range of technical partners in building resilience in the Horn of Africa. Some of these are listed below:

**Key collaborators**
- AidData
- Habitat INFO
- AATP
- ITAACC
- CCAFS
- Colorado State University

**Collaborators**
- College of William & Mary
- UNDP-DCC
- UNICEF Kenya
- UNICEF Regional
- WFP Kenya
- UNDP
- FAO
- FSNWG
- UNDP DOC
- UNICEF
- IFPRI
- USAID
- Mercy Corps
- Cornell University
- Tulane University
- IGAD
- TANGO Intl.
- UNICEF
- World Bank
- ITAACC
- CCAFS
- Colorado State University

**Knowledge Management and Technical Support to EDE Cluster Members**
- ASAL Alliance
- ASAL Secretariat
- ASAL Transboundary Forum
- East African Learning & Capacity Building Initiative (EACBI)
- Euro Africa Consult Limited
- ISAD
- National Treasury Kenya
- NEMA
- RAU
- Technical Consortium
- UNDP DOC
- UNICEF Kenya
- UNICEF Regional

For any queries, please contact Dr Katie Downie, Coordinator of the Technical Consortium for Building Resilience in the Horn of Africa.

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Since the development of the national drylands investment plans and technical briefs, the Technical Consortium has embarked on more focused engagement with the member states, beginning initially with Kenya and its focal point for drylands investment planning, the National Drought Management Authority, but with a view to extending this engagement to the other member states over the next few years. Here are details of our projects in action:

### Country Program Papers

Six technical briefs, which form the technical rationale and evidence base for identifying interventions, that will ultimately enhance the resilience of the arid and semi-arid lands (ASAL) communities and therefore allow them to better cope with hazards such as drought.

The baseline indicator catalogue that the Technical Consortium is developing will provide the foundation for a robust M&E system containing indicators for project-based monitoring and evaluation. In addition to these indicators, the Technical Consortium is focusing on the development of “resilience or impact pathways” to include progress indicators, milestones and intermediate development outcomes to monitor the trajectory of investment towards impact on standard measures of human development and eventually enhanced resilience. These pathways enable measurement at longer temporal scales than is possible at the project level, and will also include outcome mapping to indicate behavioral and transformational change.

### MONITORING & EVALUATION

The Technical Consortium is working to provide catalogues containing baseline datasets for the IGAD member state countries. Over a six-month period, a data inventory for the region was carried out. This entailed a robust scoping for available datasets, involving extensive consultation with agencies, NGOs and governments in the Horn of Africa to collate available information on data sources. These datasets will be necessary firstly to establish baselines for the member states to capture the current situation and, secondly, should contain data adequate to measure the impact of investment on enhanced resilience. This item of work is continuing from the previous phase and entails reviewing existing datasets, analysing the gaps in those data and working with other partners to develop novel ways to generate the datasets to make measurement possible.

### INVESTMENT TARGETING AND MONITORING TOOLBOX

The Technical Consortium is currently building a program to facilitate technical support in each of the IGAD member states, with a focus on investment project targeting, monitoring and evaluation. These initiatives, called the Investment Targeting and Monitoring Toolbox, are being piloted in Kenya for the National Drought Monitoring Authority as the first stage of potential technical assistance; later stages will extend to all the IGAD member states.

In order to better measure resilience, and to better understand and target interventions that will enhance resilience, the Technical Consortium is developing a pilot spatial tool. The purpose of this resilience-modeling tool is to assist IGAD member states in the Horn of Africa in identifying areas of high and low resilience to known hazards, initially focusing on resilience to drought specifically. This identification of relative levels of resilience geographically will provide an opportunity for better targeting of investment projects proposed in the drylands’ investment plans for the respective countries.

The tool overlays multiple data layers indicating linkages and dynamic interactions between key indicators in systems affecting resilience. The result is a mapped output depicting a region’s relative resilience, derived from weighted indicators from three key systems: economic, social and ecological. The pilot development of the spatial tool will be trialed with various drought and environmental planning agencies in the IGAD member states to understand its utility in better enabling the targeting of investments and projects for an enhanced impact in building resilience. Ultimately, it will allow governments in the Horn to host a sector-specific investment platform for better targeted planning and resource allocation.

### AFRICAN AGRICULTURE TECHNOLOGY PLATFORM

Complementing the analysis and refining of the decisions, M&E tools and metrics in case studies, the Technical Consortium is further closely involved in the development of an African Agriculture Technology Platform (AATP), an initiative being developed by USAID, GIZ, the CGIAR Consortium Office, the International Livestock Research Institute (ILRI) and others. The AATP is initially being designed as a facilitated, flexible, scalable and collaborative network aimed at assisting African countries in meeting their Comprehensive Africa Agriculture Development Program (CAADP) National Agricultural Investment Plans (NAIPs) and, in the Horn of Africa, the agricultural investments detailed in the Country Program Papers.

In partnership with the World Agroforestry Centre (ICRAF) and the International Livestock Research Institute (ILRI), the Technical Consortium is collaborating on the development of a framework to enable decision-makers to model the impact of decisions on resilience outcomes. The framework will provide the opportunity to:

- ensure coherent and transparent investment decision-making, based on the evaluation and assessment of multi-level, local-to-transboundary challenges and mutually agreed upon and articulated outcomes,
- harness development and disaster relief experience and robust scientific evidence, to utilise ex-ante and collectively determined case studies to analyse, test and refine decision-support tools, analytical frameworks and metrics developed by the Technical Consortium and others,
- assess and prioritise decisions to evaluate potential impact for resilience and growth, and
- allow scientists within the CGIAR system to test their innovations with respect to sustainable development impact.

The long-term focus of the Technical Consortium is on enhancing resilience in the Horn of Africa and aims to coordinate and provide technical support to ASAL and member states (Djibouti, Ethiopia, Eritrea, Kenya, Somalia, South Sudan, Sudan and Uganda) on evidence-based planning and programming for investments contributing to enhanced resilience of ASAL communities.

The Technical Consortium is working to help build resilience in the Horn of Africa by harnessing CGIAR research and other knowledge on interventions to enhance drought resilience, to provide support to the Intergovernmental Authority on Development (IGAD) in developing regional and national investment programmes, and to provide technical support to enhance sustainable development in the Horn of Africa.
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Key work streams and partners
- College of William & Mary
- GIDApp
- Habitat INFO
- AATP
- IITAACC
- CCAFS
- Colorado State University

AidData
- College of William & Mary
- On-going collaboration with
- Resilience Analysis Unit (RAU)

Key collaborators
- UNDP DCC
- FAO
- WFP
- FSNWG

Knowledge Management and Technical Support to EDE
- ASAL Alliance
- ASAL Secretariat
- ASAL Technical Workshops
- The Drylands Learning & Capacity Building Initiative (DLCI)
- Euro Africa Consult Limited
- IGAD
- National Treasury Kenya
- RAU
- Technical Consortium
- UNDP DCC
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IGAD Member States
- Djibouti
- Eritrea
- Ethiopia
- Kenya
- Somalia
- South Sudan
- Sudan
- Uganda

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