

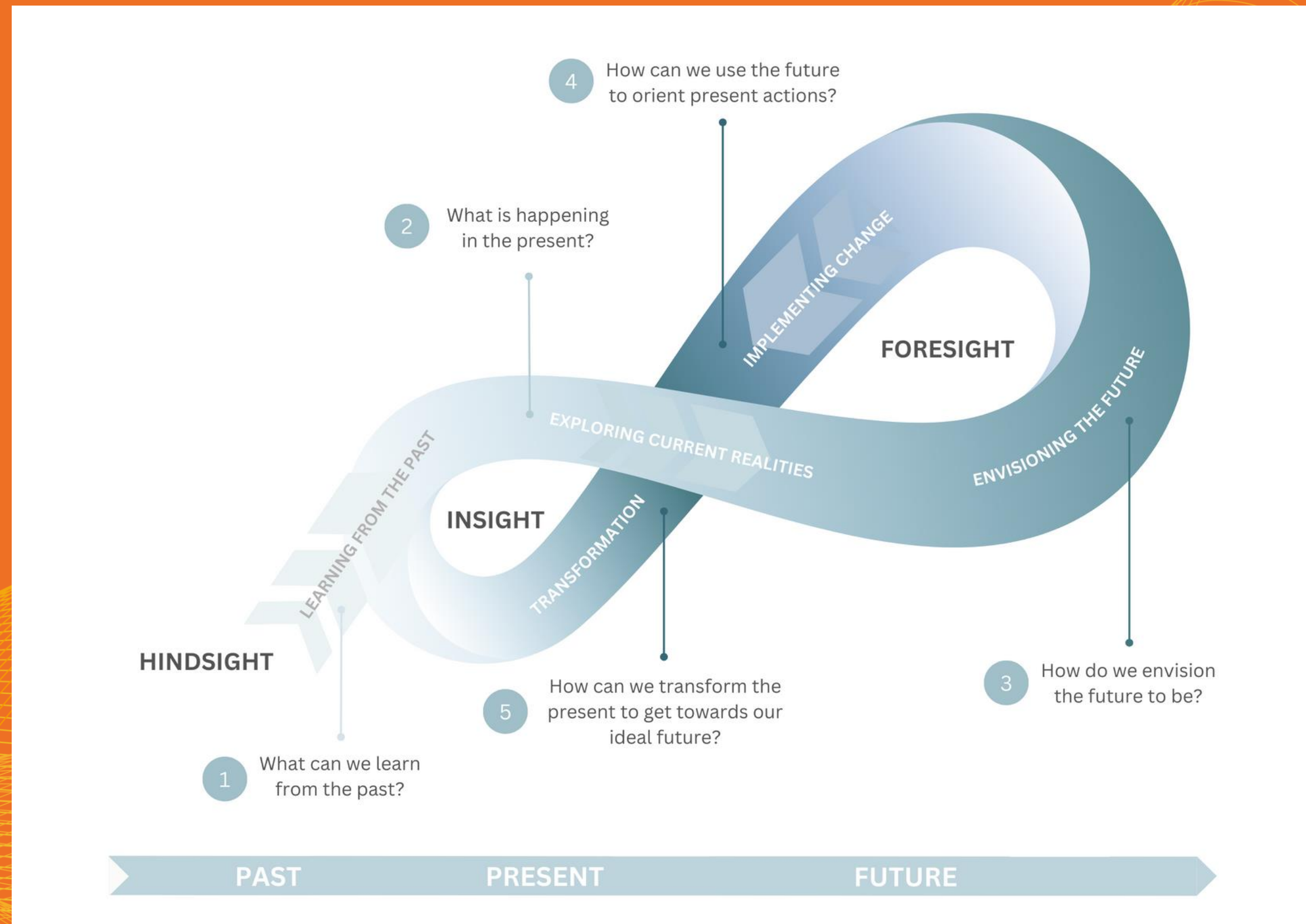


What if we were able to avert the next famine in the Horn of Africa?

Using systems thinking and foresight to explore drought and food insecurity and develop pathways to transform Kenya, Ethiopia, and Somalia

Led by UNDP DRT in partnership with the Resilience Hub for Africa
Supported by the African Union Commission and Intergovernmental Authority on Development

A hindsight-insight-foresight approach to complex risk



FORESIGHT

INSIGHT

HINDSIGHT

4

COLLECTIVE FORESIGHT

SEPTEMBER 2023

Final session involving 11 core participants in collectively imagining preferred futures for the Horn of Africa and considering actions today that could shift the system towards these futures, producing a series of possible pathways to transformation.



3

SENSEMAKING & VALIDATION

MARCH – SEPTEMBER 2023

A fourth mapping session with 10 regional stakeholders focused on the validation of a core system. Data cleaning, sensemaking, and analysis conducted throughout by the core team, with additional data review by thematic experts at UNDP Resilience Hub for Africa, resulting in a compound and core systems map.



2

SYSTEMS MAPPING

MARCH – JULY 2023

Three participatory systems mapping sessions with 30+ core participants, predominately representing international organizations working at regional or sub-regional level, non-governmental organizations operating at all levels, and national government authorities, producing 9 systems maps.



1

DESK REVIEW

JANUARY – MARCH 2023

Desk review by the core research team of existing literature on drought and food insecurity in the Horn of Africa, with a focus on underlying risk drivers and approaches to humanitarian response for severe droughts in 2010–12, 2016–17, and 2020–23.

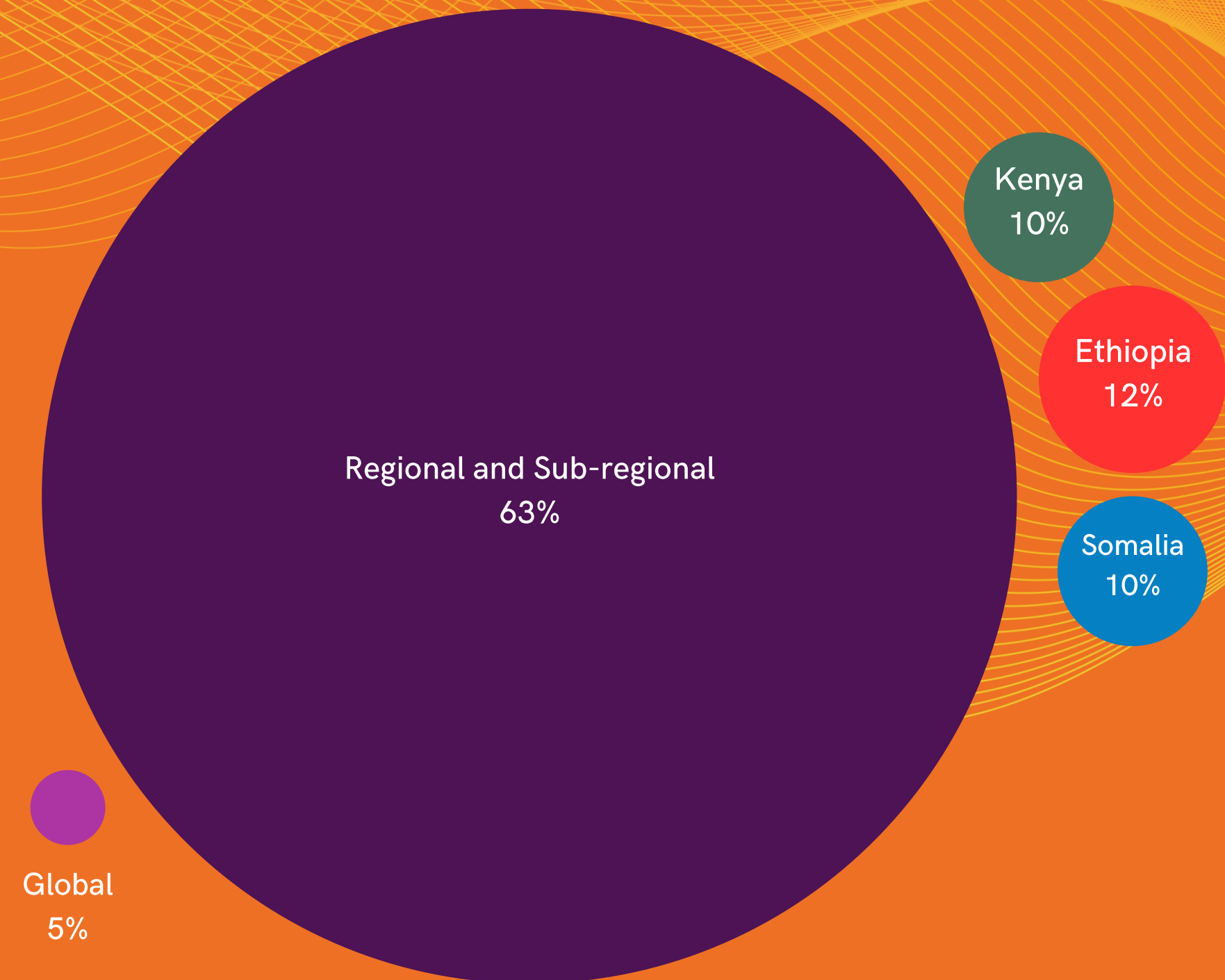


Who was involved in our Roundtable Series?

Organization



Location



Systems thinking

3

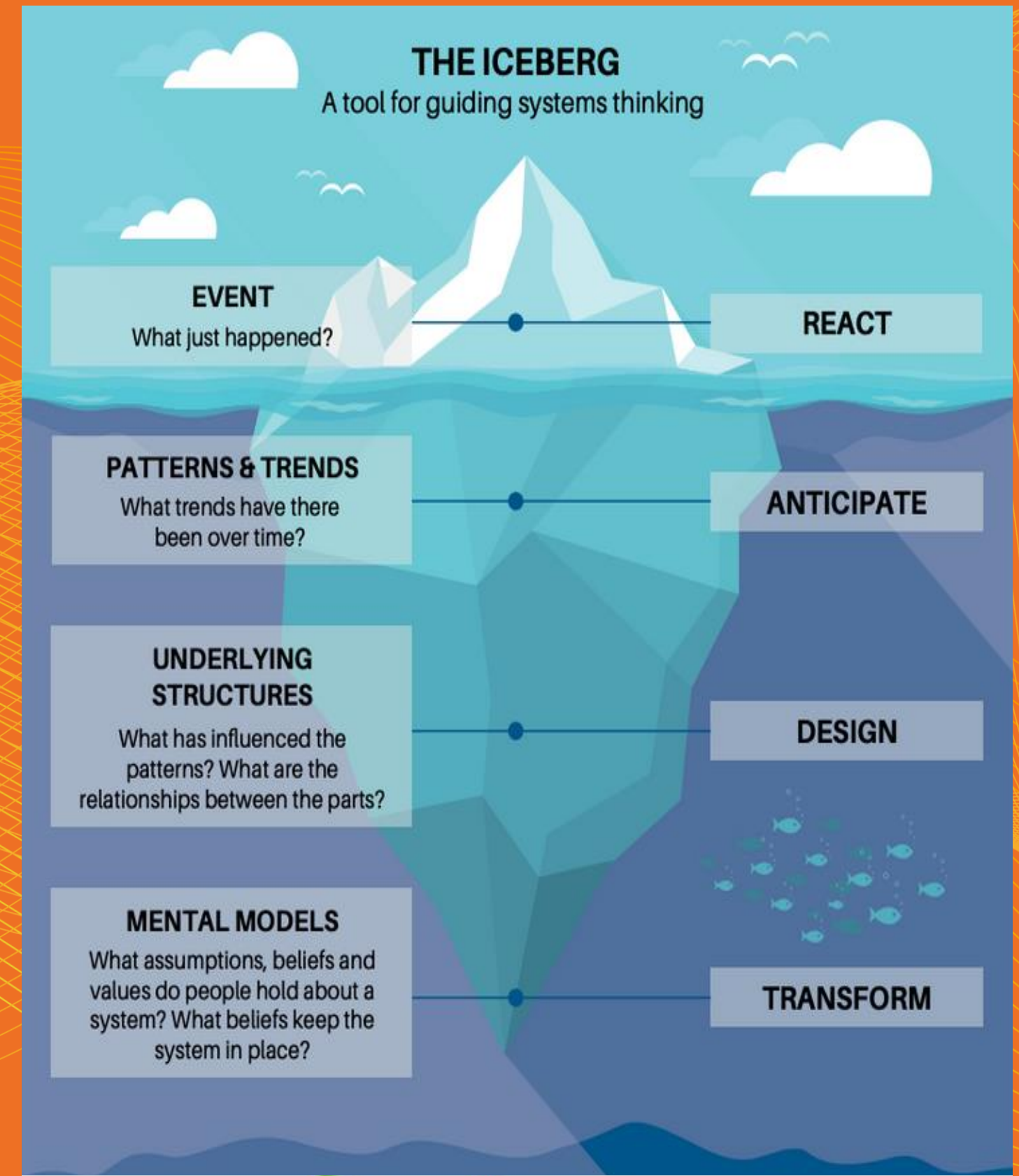
Participatory systems mapping sessions

1

Participatory sensemaking & validation session

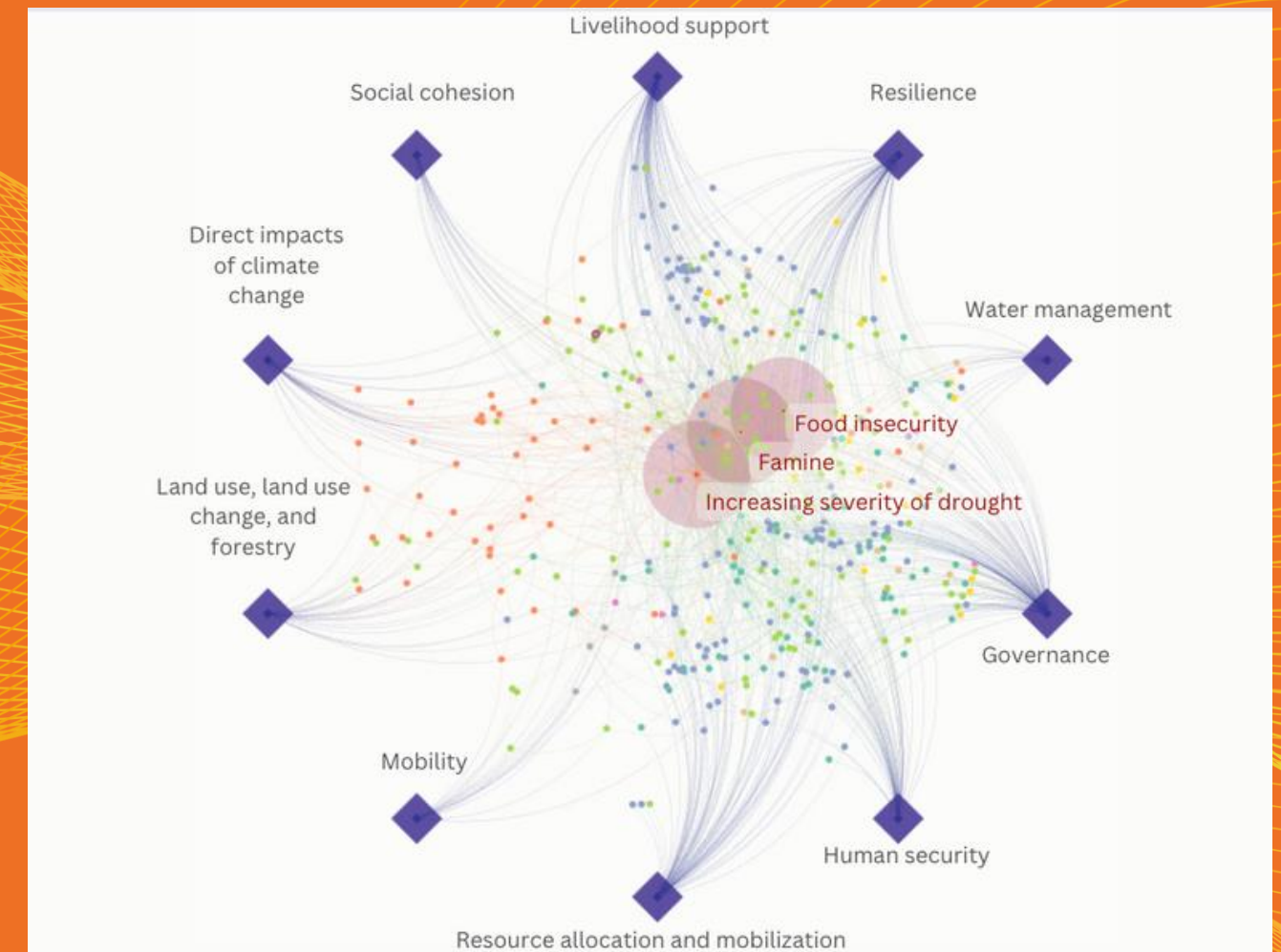
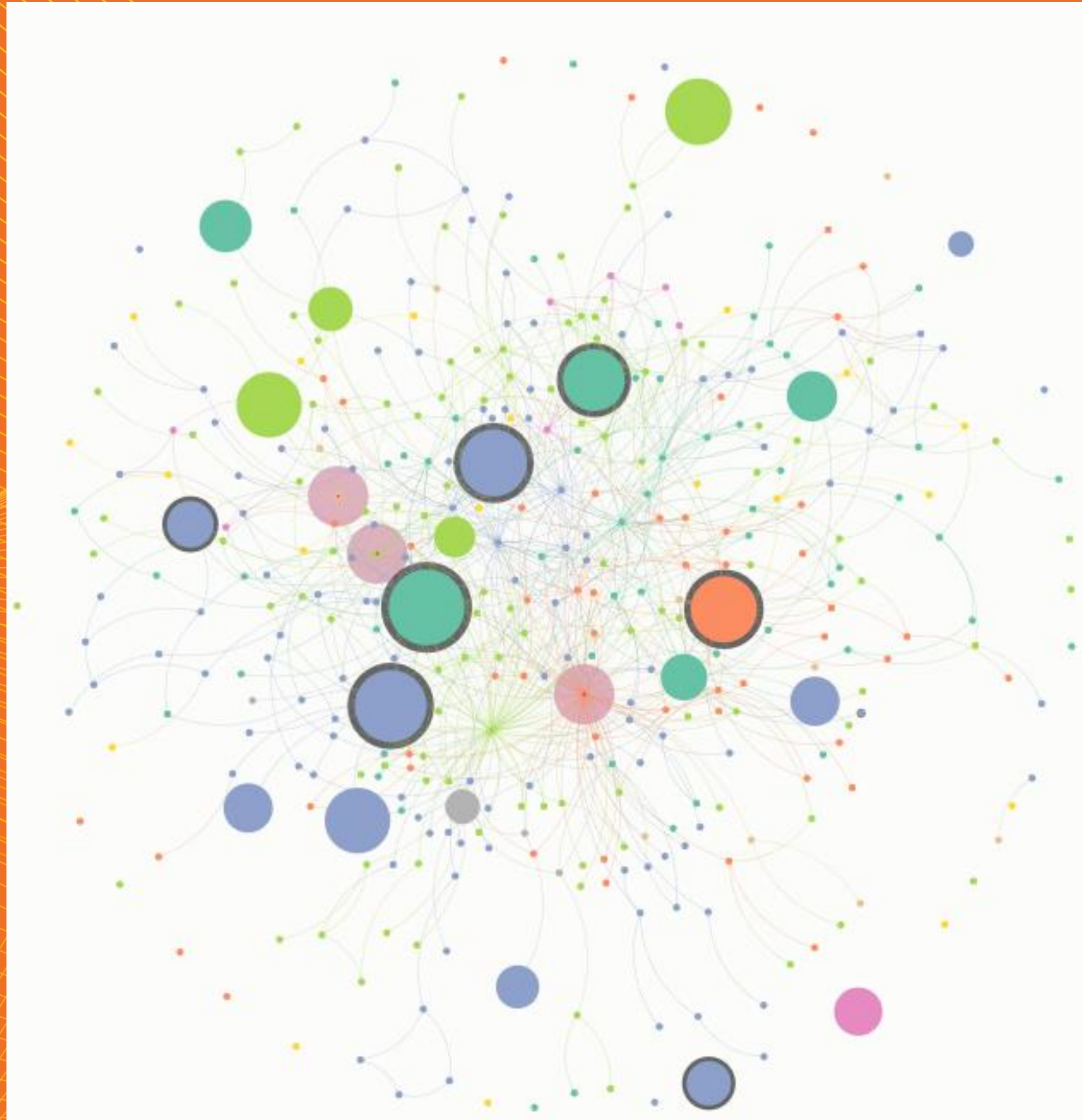
12+

Hours of Roundtable sessions



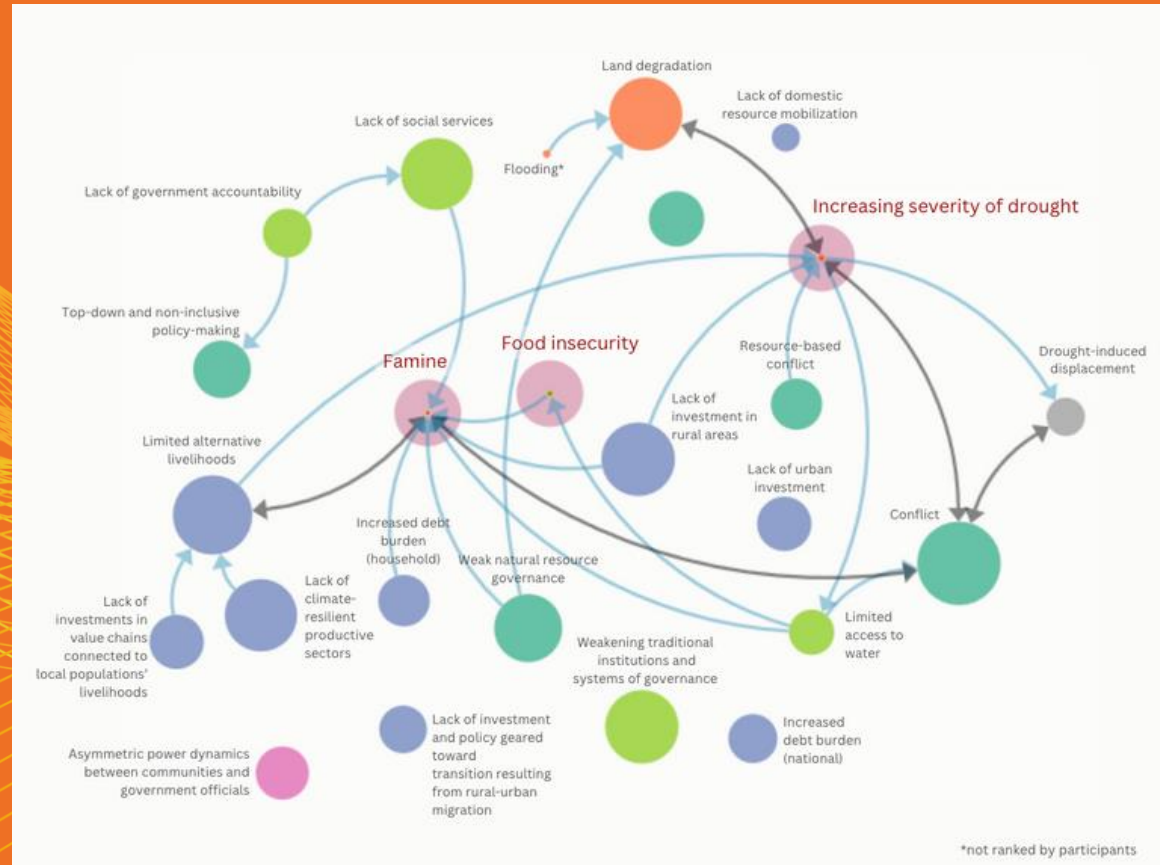
Roundtable 4. Sensemaking & validation of the core

Producing a compound system of 392 elements & 758 connections and a core systems map of 113 elements & 371 connections...

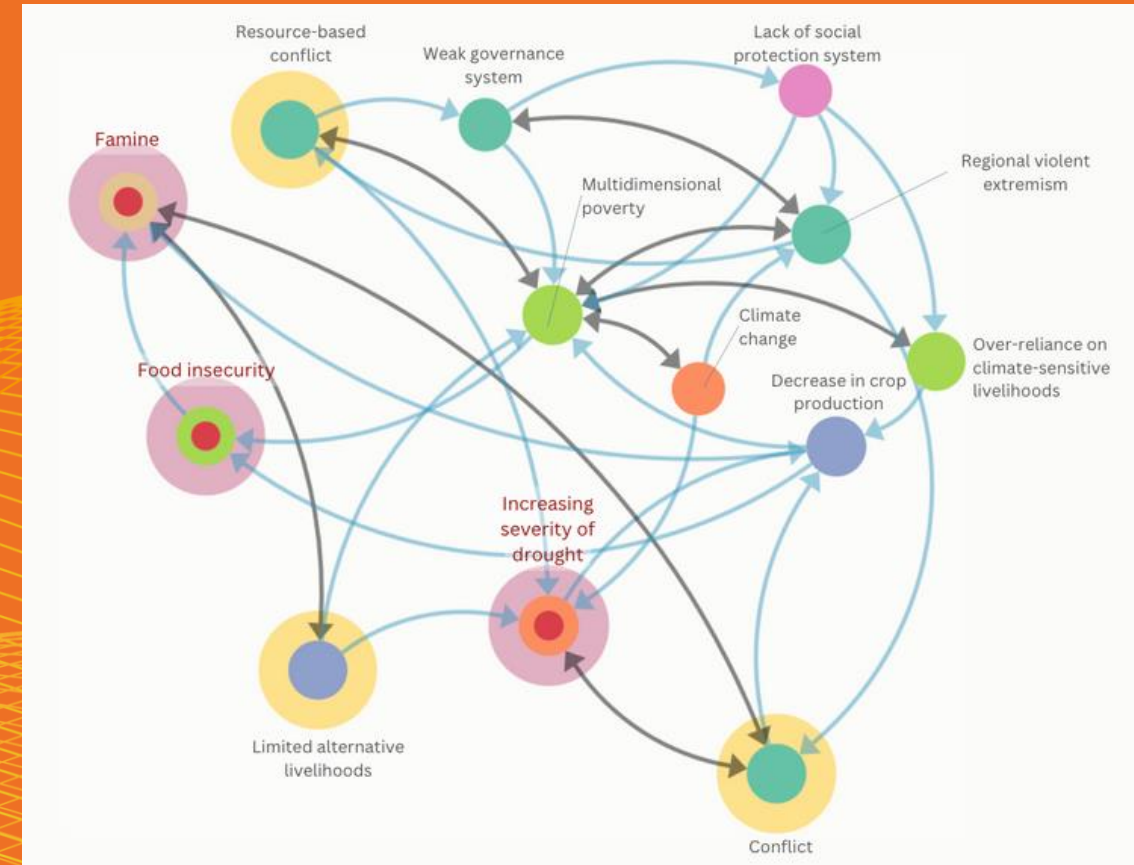


...under 10 thematic clusters

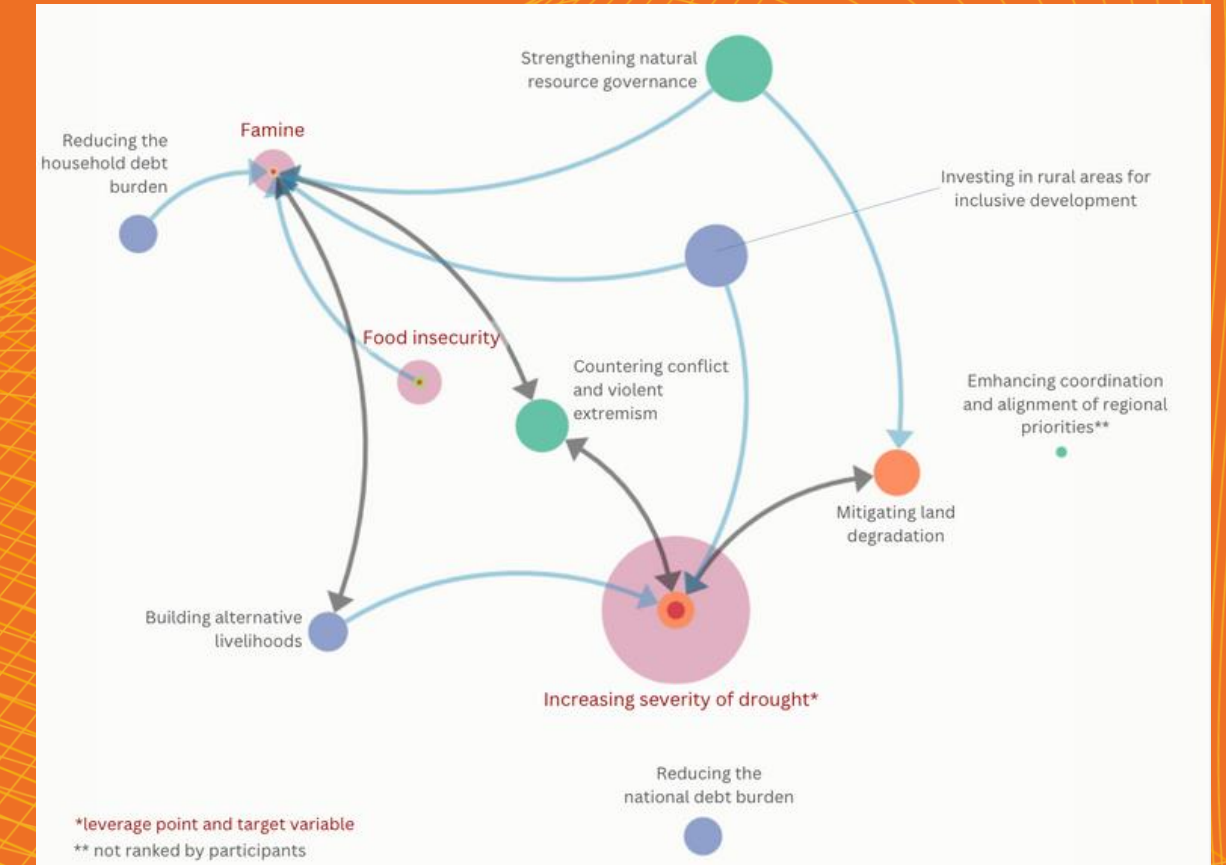
And enabling the identification of **key drivers** of drought and food insecurity



Participant-attributed key drivers



Data-driven key drivers



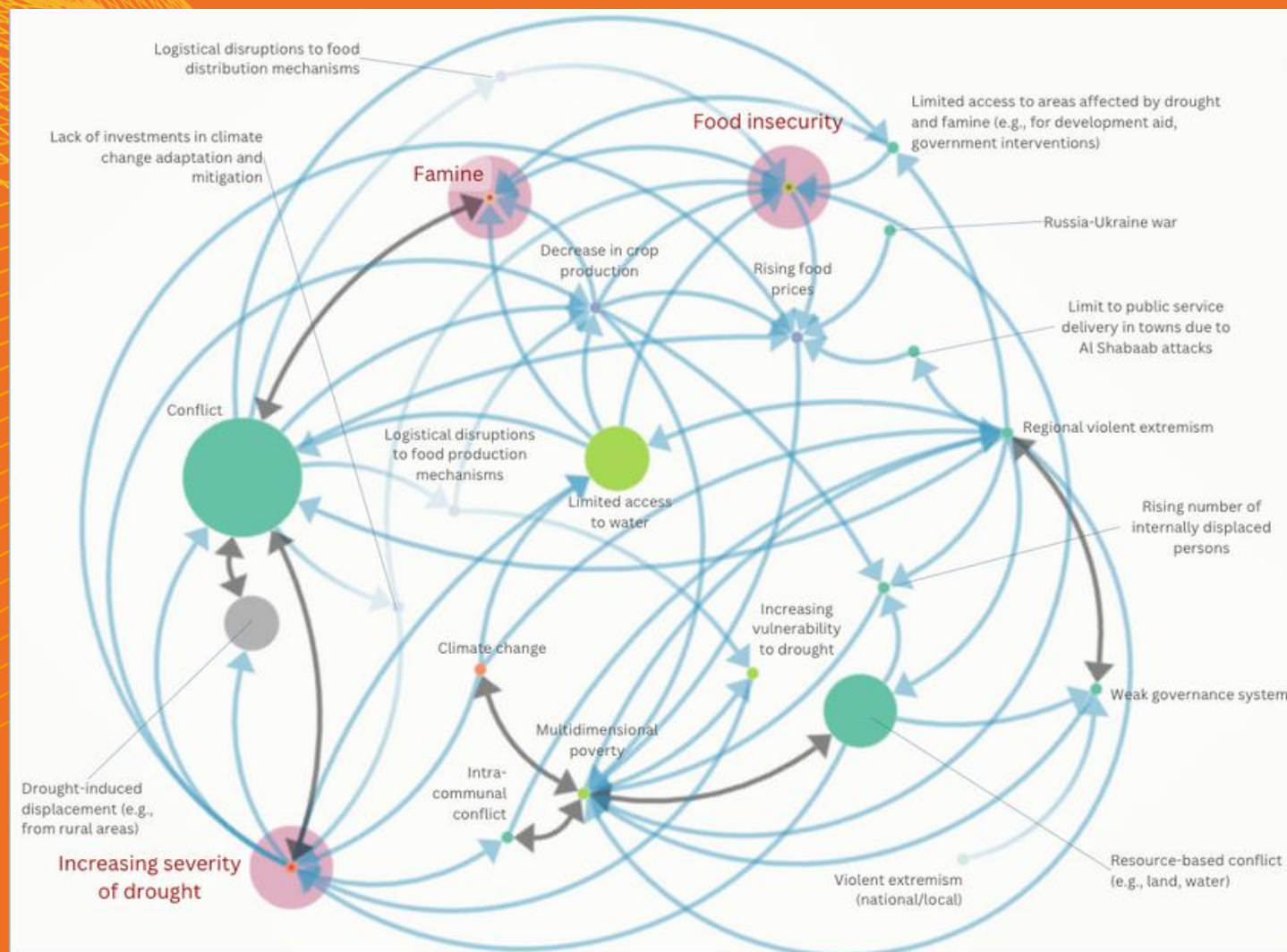
Leverage points



And **leverage points** for intervention

Key insights

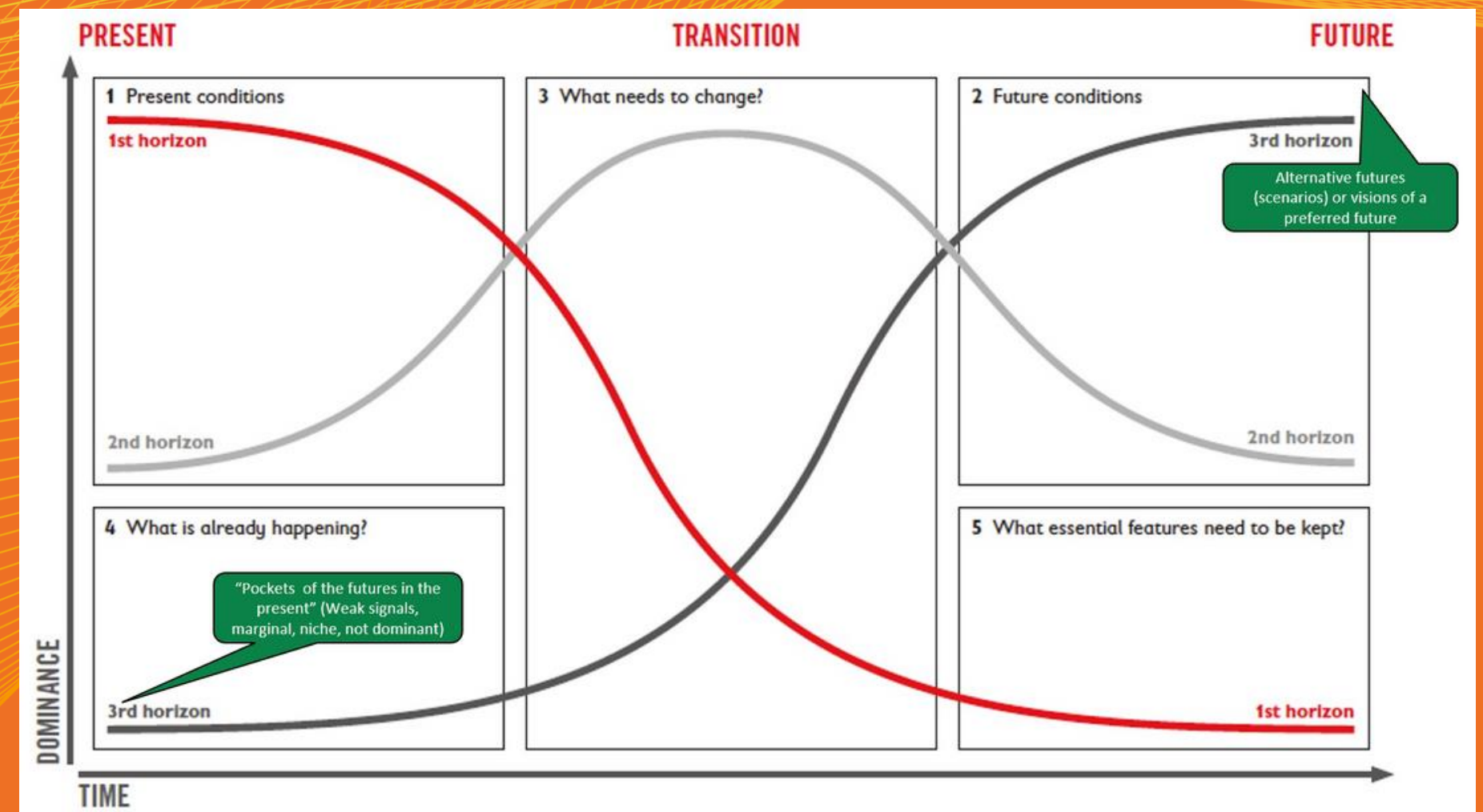
- ✓ Vicious Feedback Loops
- ✓ Dominate Social and Economic Elements
- ✓ Policy Coherence
- ✓ Conflict & Livelihoods
- ✓ Resource Governance and Rural Investment



Collective foresight

Using the Three Horizons Framework (THF)

- 1 Collective foresight session
- 11 Core participants
- 4 Hours
- 3 Scenarios / topics



The Three Horizons Framework: A tool to stimulate strategic conversation about system change

Pathways for transformation



Image Source: Gemini

Economic Stability Pathway

- Unlock Private Sector Potential
- Value Nature over Profit

Rural Resilience Pathway

- Prioritize Rural Development
- Harness Tech & Data for Agriculture

Peace & Prosperity Pathway

- Tap into Indigenous Values & Peacebuilding
- Revolutionize Regreening
- Tech for Food & Water Security

Environmental Sustainability Pathway

- Remove Barriers to Sustainable Resource Use
- Catalyze Community-Based Innovation

UNDP Knowledge Products:

Outcome Report: **Beyond drought: A systems thinking approach to drought resilience in the Horn of Africa-**
Coming in October 2024

Process Quick Start Guide: A hindsight-insight-foresight approach to working with multidimensional risk-
Coming in October 2024

The 'What if we were able to avert the next famine in the Horn of Africa? System Map - 2024

Choosing Your Tomorrows: Using Foresight and Anticipatory Governance to Explore Multiple Futures in Support of Risk-Informed Development-
January 2023

The UNDP Approach to Risk-Informed Development-
June 2022

Thank You!



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