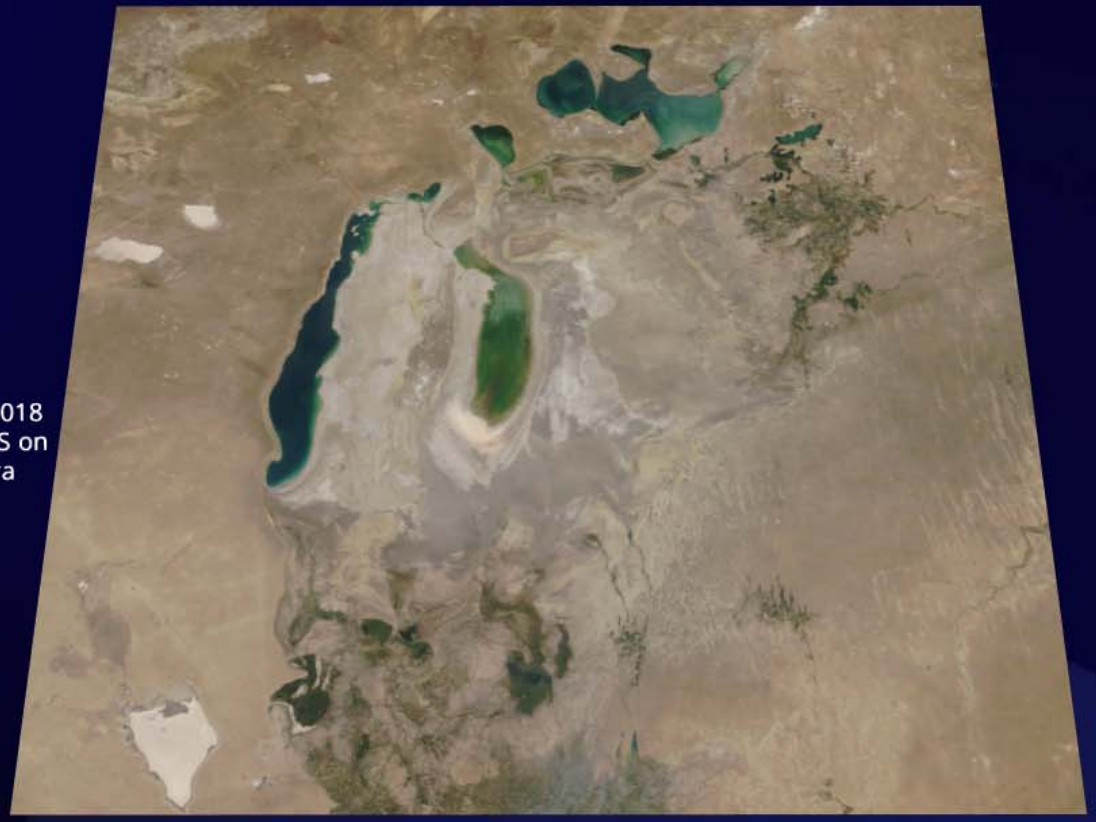
Integrated Support for the Aral Sea in Uzbekistan

November 2020

UNDP

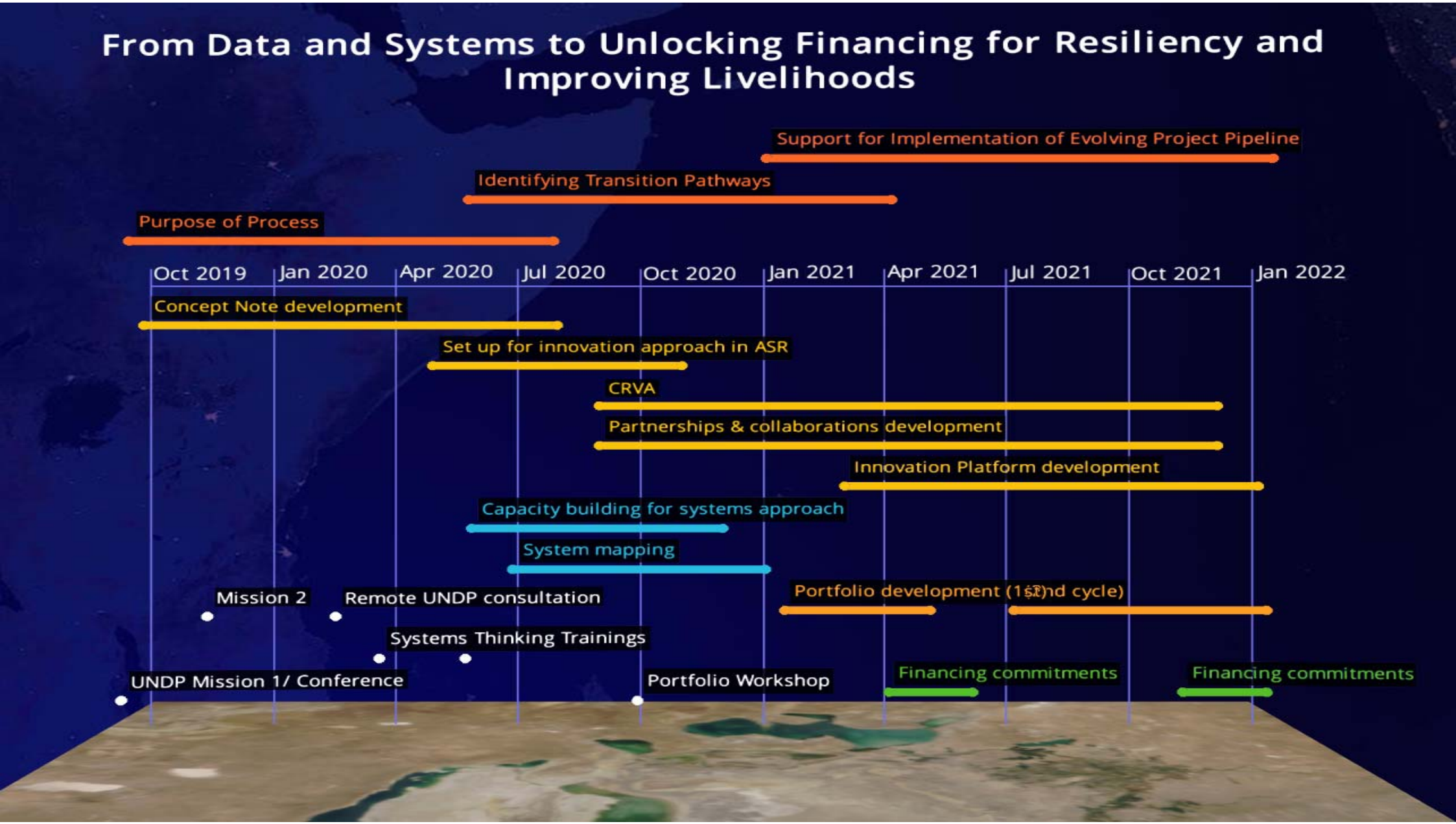
The Aral Sea region remains vulnerable and deprived. Integrated solutions are required to address the interconnected issues that have compounded over time.



Late August 2018
Source: MODIS on NASA's Terra satellite

The Vision for the Aral Sea Region

A Zone for Ecological Innovation and Technology


From Data and Systems to Unlocking Financing for Resiliency and Improving Livelihoods
Support for Implementation of Evolving Project Pipeline
Identifying Transition Pathways
Purpose of Process
Oct 2019
Jan 2020
Apr 2020
Jul 2020
Oct 2020
Jan 2021
Apr 2021
Jul 2021
Oct 2021
Jan 2022
Concept Note development
Set up for innovation approach in ASR
CRVA
Partnerships & collaborations development
Innovation Platform development
Capacity building for systems approach
System mapping
Portfolio development (1st cycle)
Mission 2
Remote UNDP consultation
Systems Thinking Trainings
UNDP Mission 1/ Conference
Portfolio Workshop
Financing commitments
Financing commitments

The UNDP Approach
DATA-DRIVEN
Generate data insights/evidence to drive decisions for intervention
SYSTEMS THINKING
Create capabilities to see and act on the relationships between issue areas and influencers
UNLOCKING FINANCING
Apply insights and capabilities toward identifying appropriate financing for systemic change

Analysis of Project Investments

Afforestation

Water resource management

Sustainable rural development (general)

Tourism

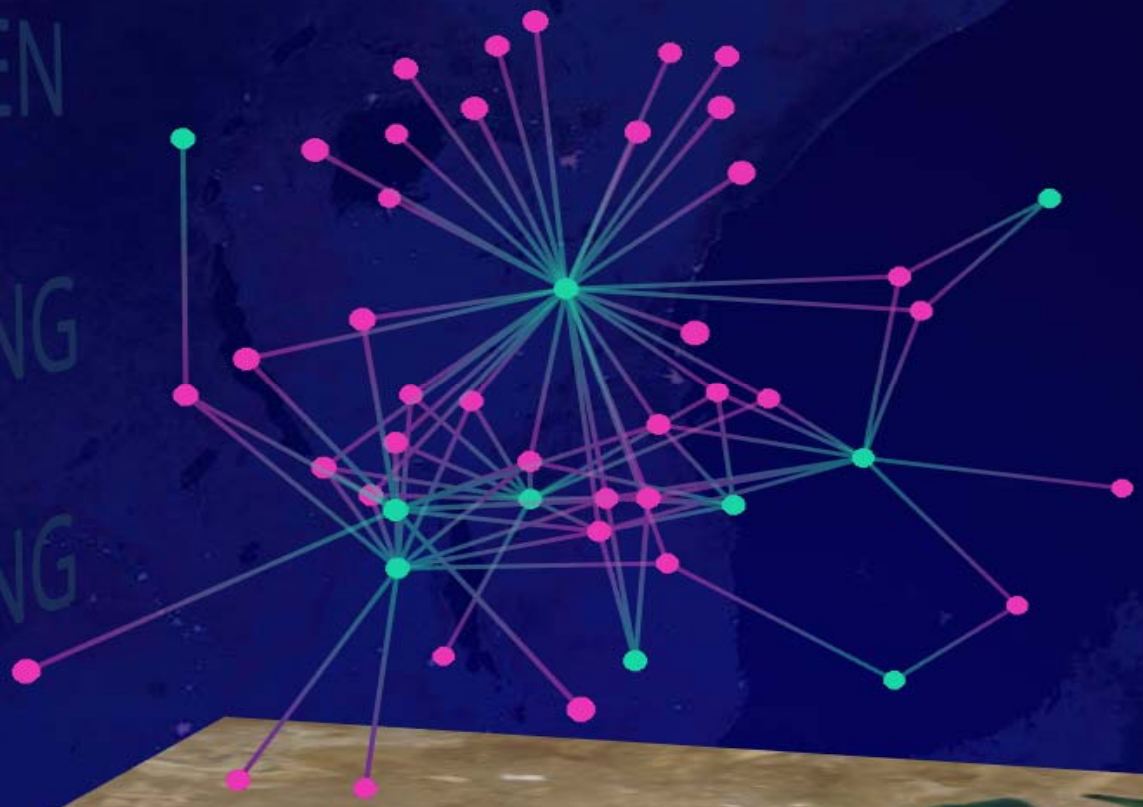
Awareness

Water infrastructure / irrigation canals

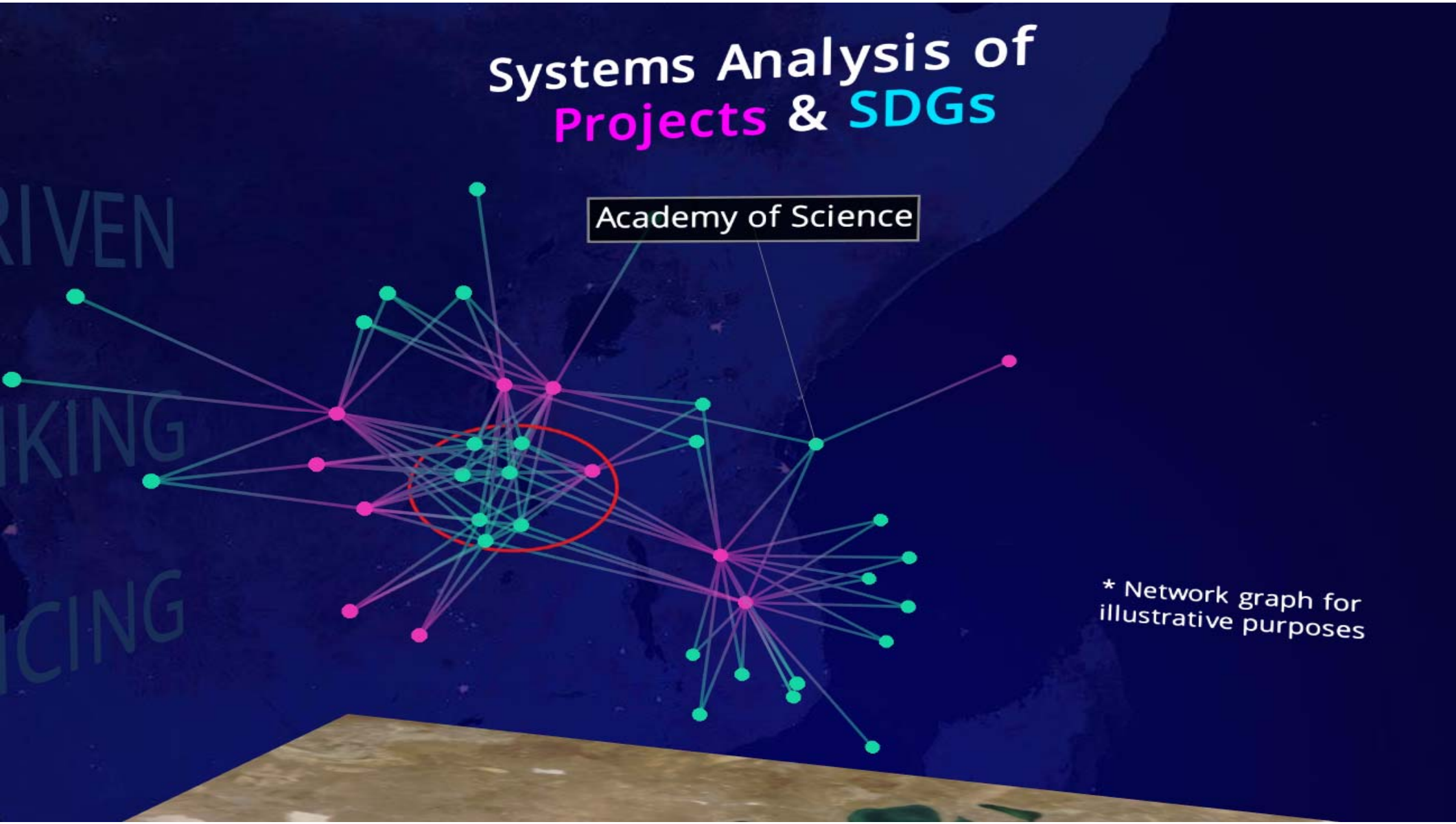
Ecosystem based adaptation/ conservation

Climate resilience of smallholder farmers

Systems Analysis of Projects & Thematic Areas



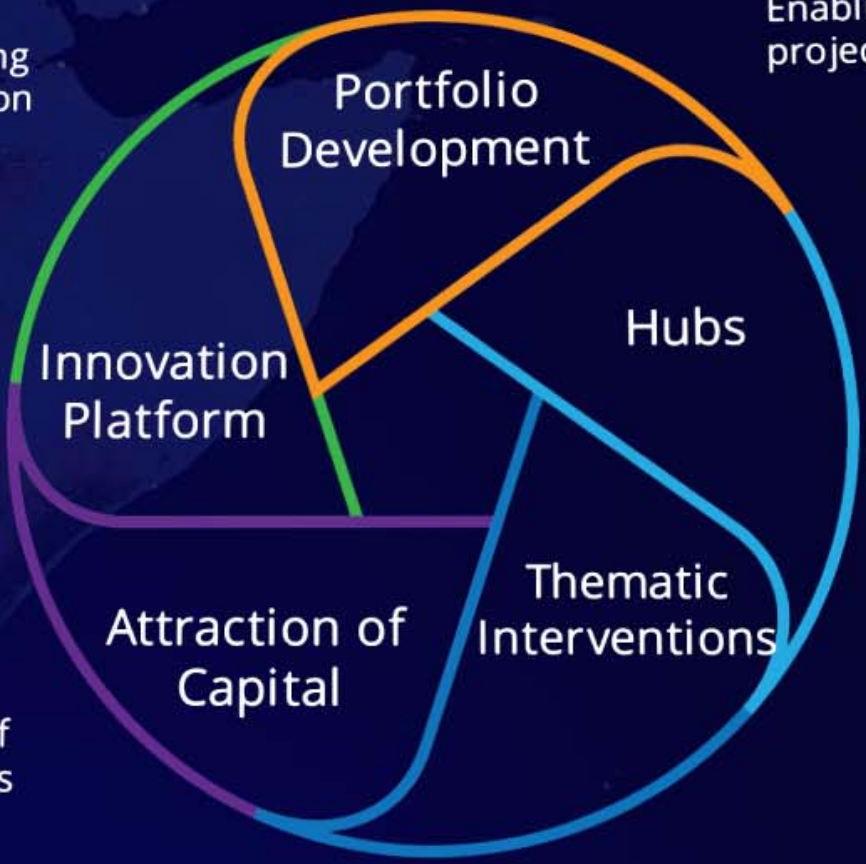
* Network graph for illustrative purposes


Systems Analysis of
Projects & SDGs
Academy of Science
* Network graph for
illustrative purposes

Using Systems Analysis for Integrated Intervention

Building capabilities and fostering cross-functional participation

Enabling a constantly evolving "innovation project pipeline"

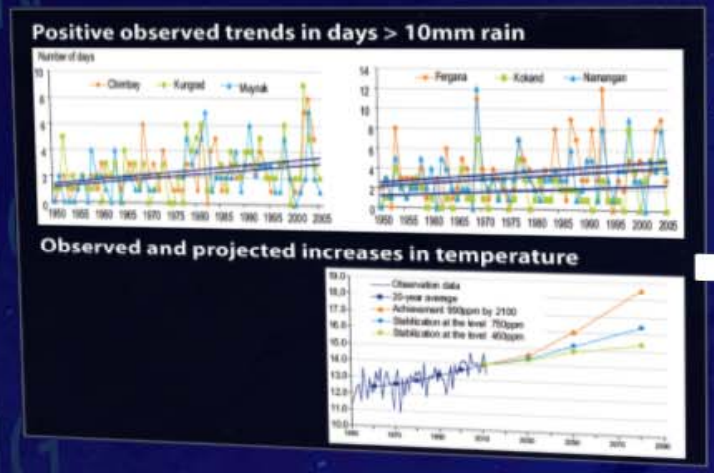


Strategic partnering for financing of high-impact interventions

Applying a Data-Driven Process

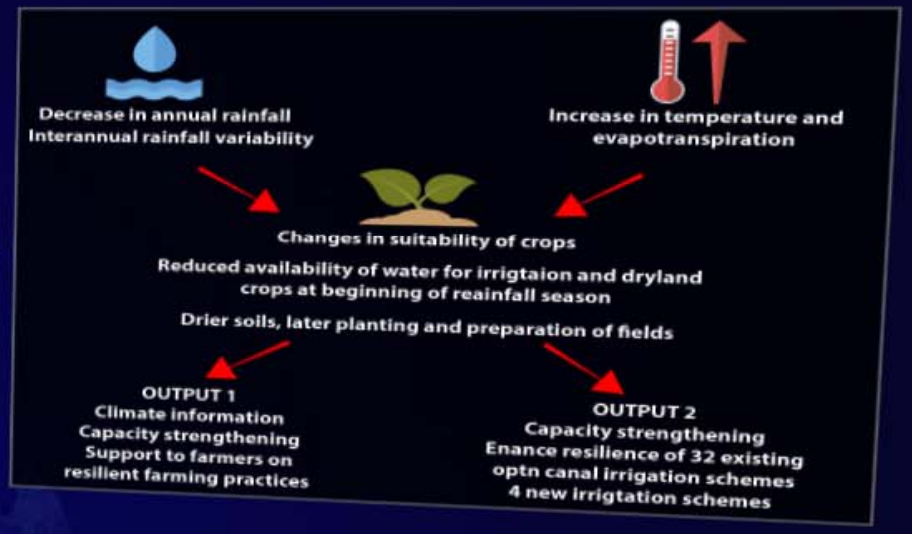
Risk Identification & Mapping

Climate Analysis and Projections



Effective Monitoring System

Evidence-Based Investment Feasibility

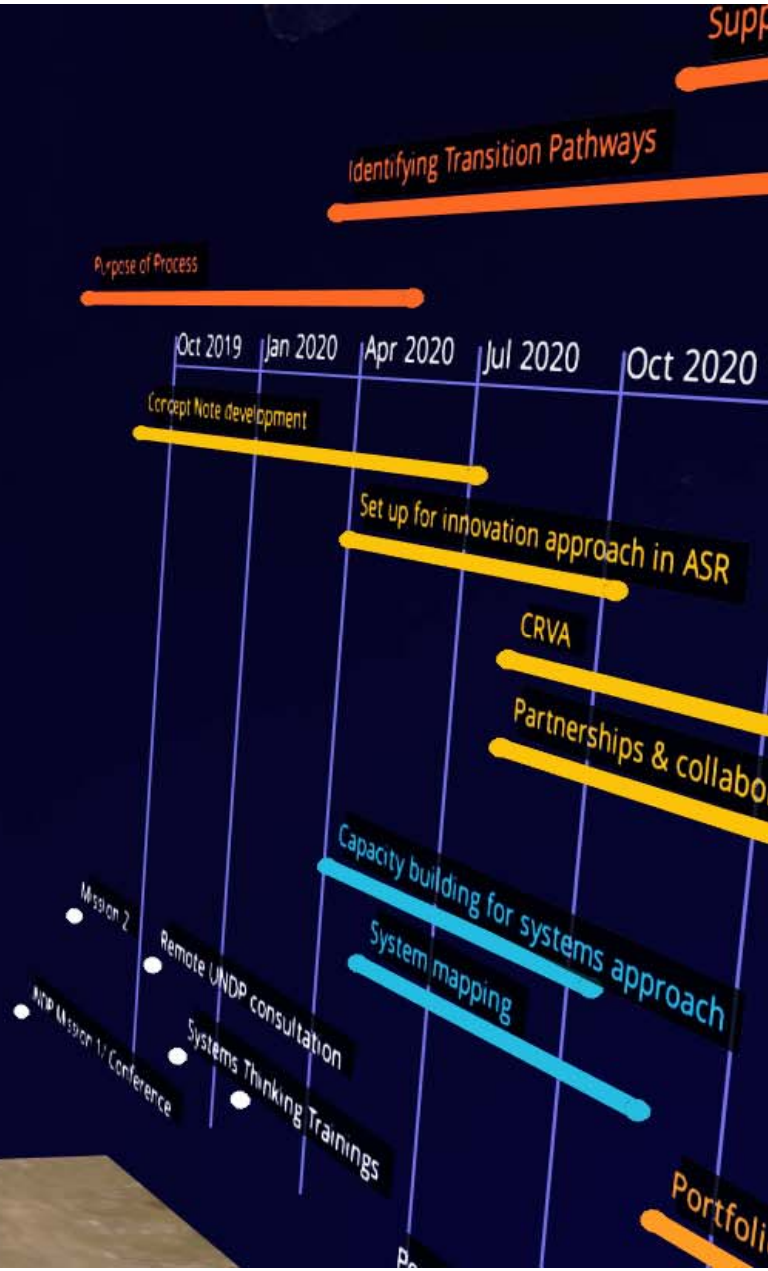


UNDP's approach will create an integrated model and offer insights based on a confluence of indicators to drive portfolio decision-making

Forward Outlook

Planning Next Steps

Data modelling with Columbia University, Ministry of Agriculture and Water Resources, and UZHYDROMET (Ongoing)

Preliminary data analysis and portfolio mapping to contribute to investment decisions (January 2021)

Broaden partnerships for capability building in systemic risk to deepen connections across portfolios in MPHSTF