



Agricultural Research for Development and FLID for all

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Sub-Saharan Africa Knowledge Exchange:

Investing in Farmer-led Irrigation Development in Sub-Saharan Africa: Business, Development, and Research Practices

26-27 April 2023, Accra, Ghana



INITIATIVE ON
West and Central African
Food Systems Transformation



Some facts about food systems



Up to **30%** of greenhouse gas emissions



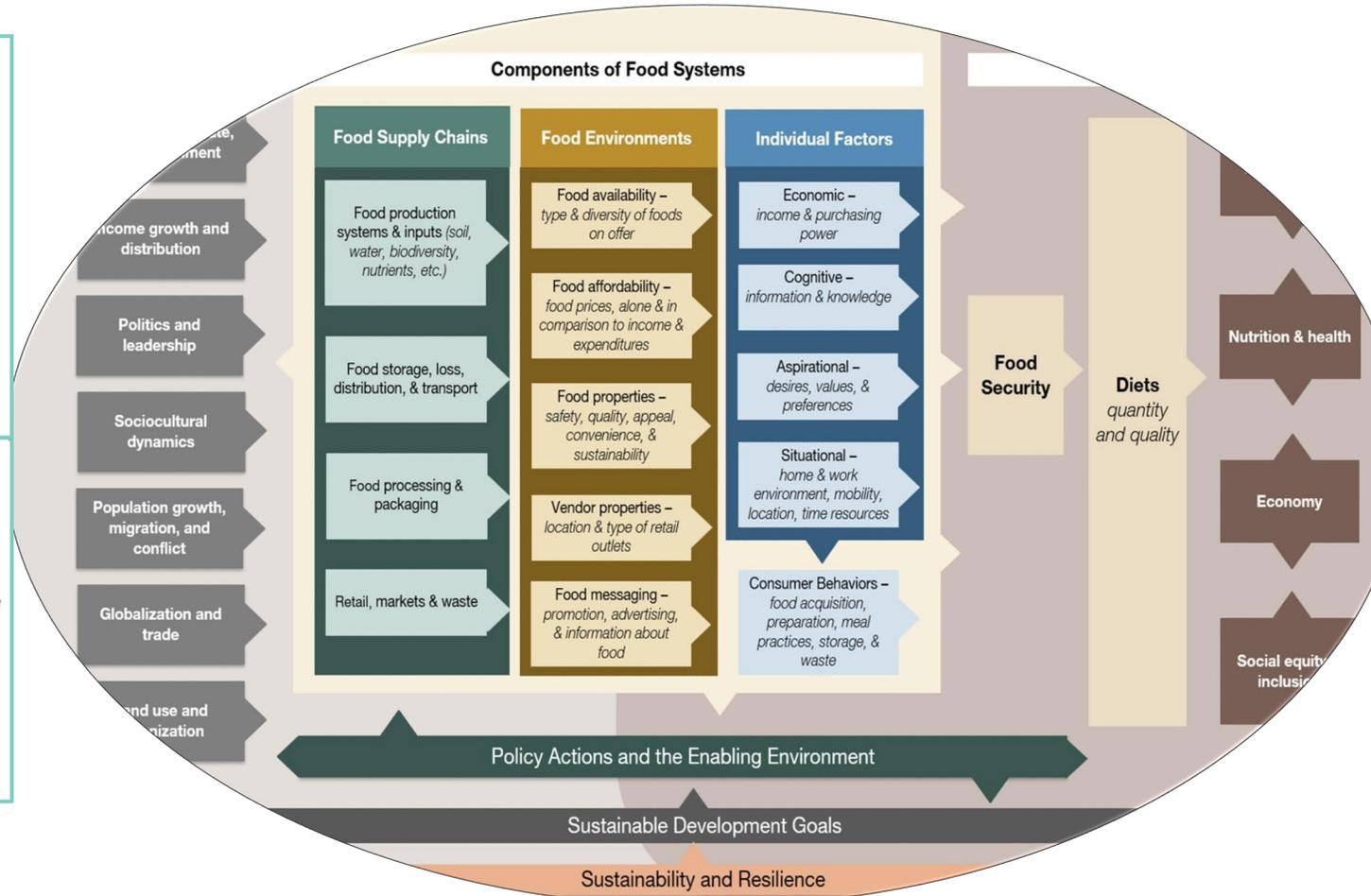
Environmental damage could increase **50-90%**



More than **2.3** billion people live in water-stressed countries



Economic growth is expected to decline by **6%** due to water scarcity by 2050




Healthy diet for **9.7 billion** by 2050



Hunger elimination for over **800 million** people

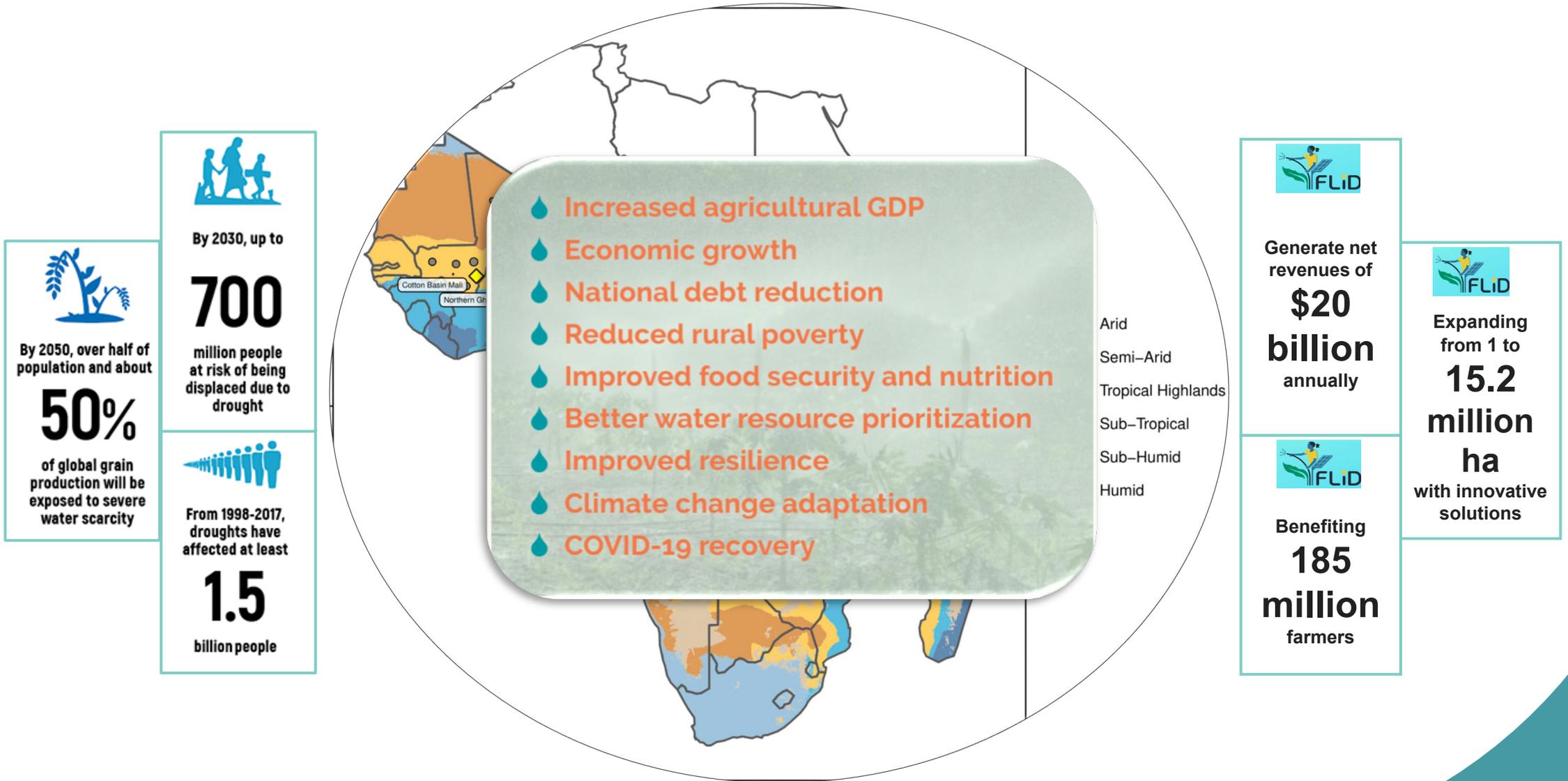


Employment for **1 billion** people and more



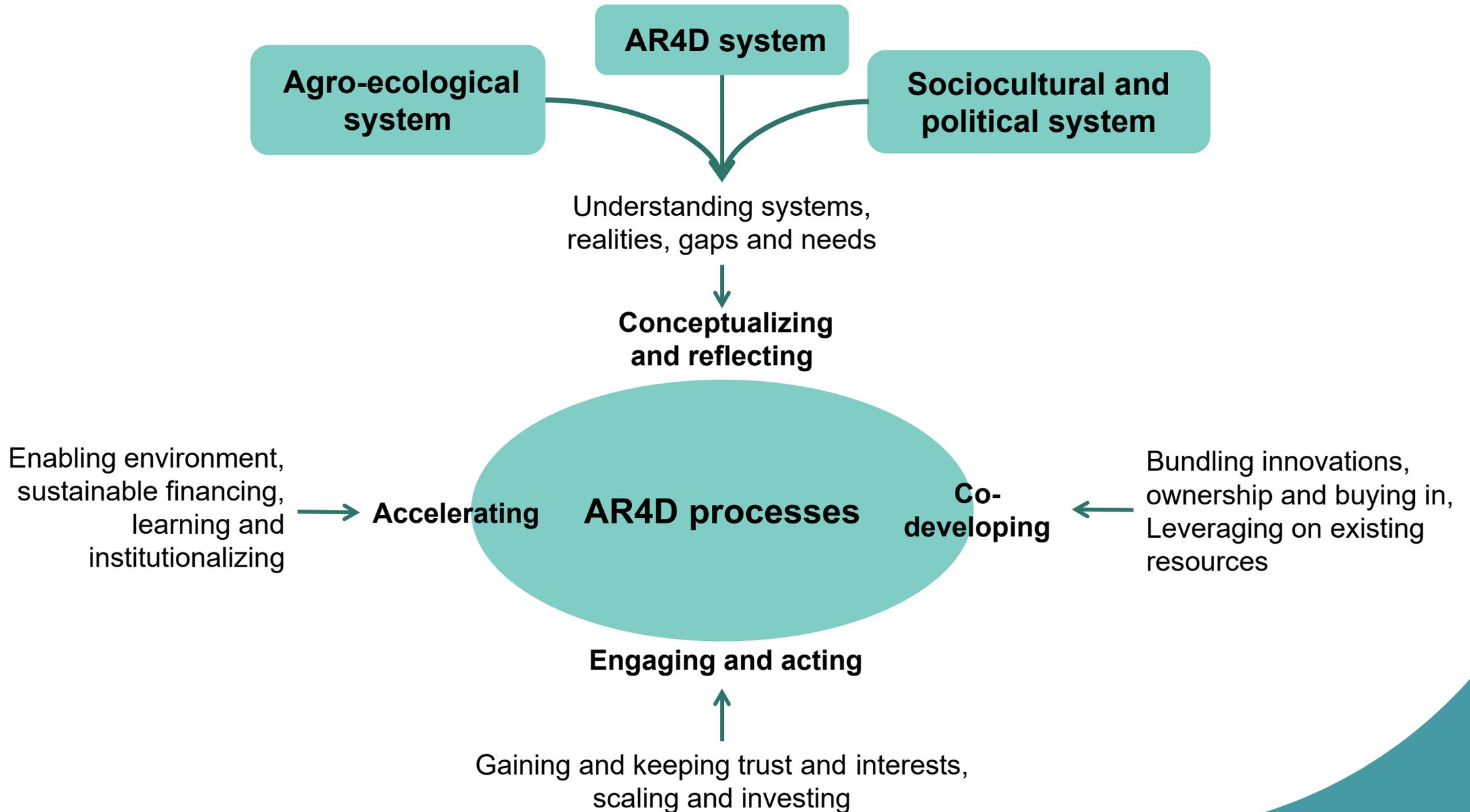
Minimizing food losses of **US\$ 1 trillion** annually

FLiD and food systems' resilience in SSA



Source: Xie et al. 2014; Izzi et al., 2021

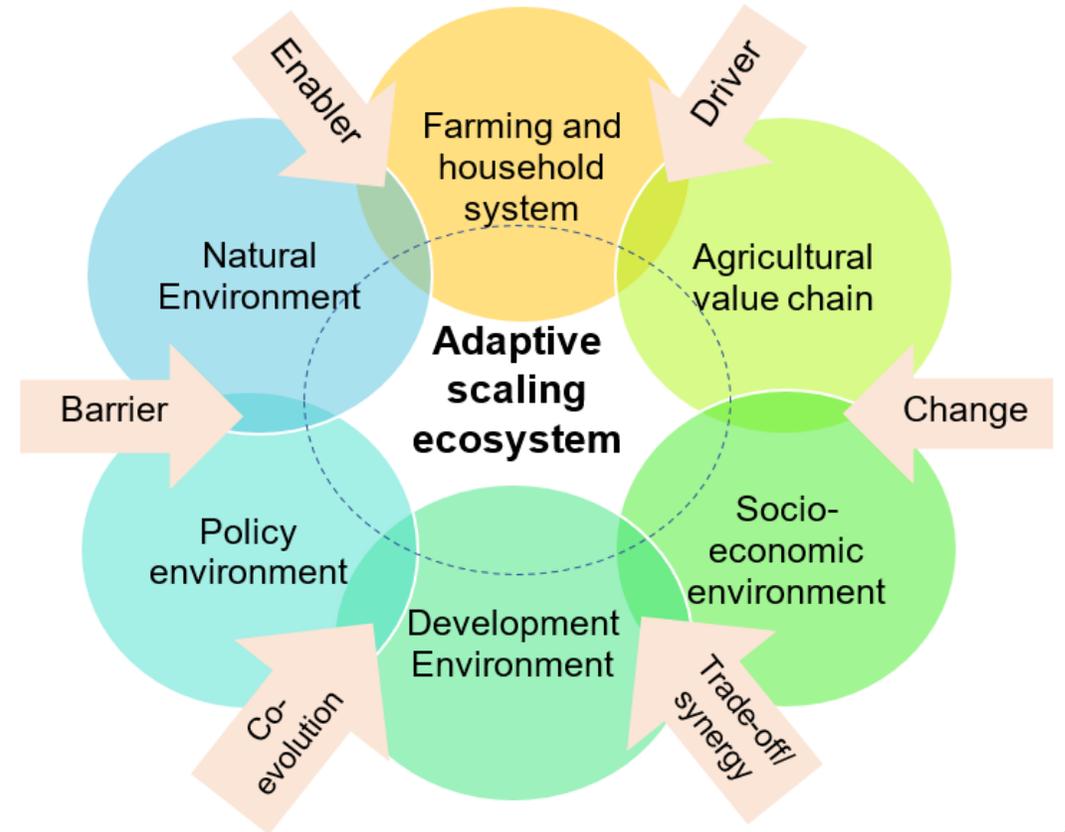
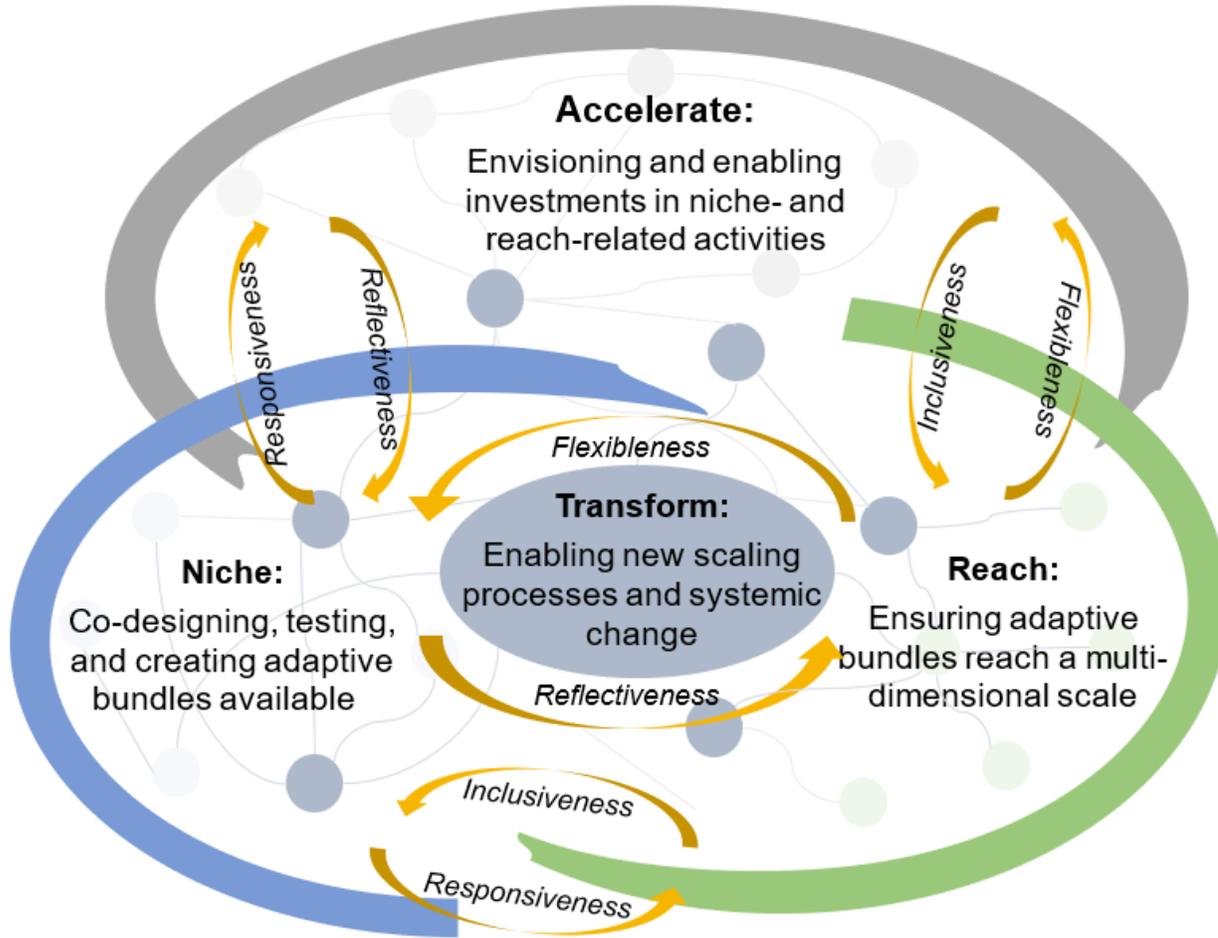
Agricultural Research for Development for FLID for all (AR4D)



AR4D: Building blocks for impact



Adaptive scaling to enable FLID for all



Source: [Adaptive scaling to achieve system transformation in One CGIAR](#)

Pathways to operationalize adaptive scaling



Individual and collective investment

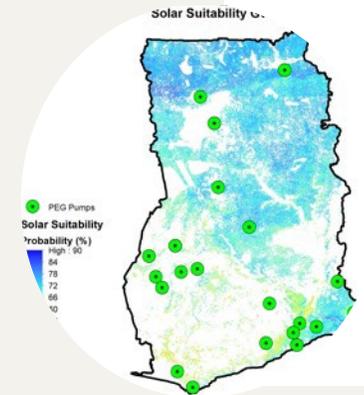


Financing mechanisms

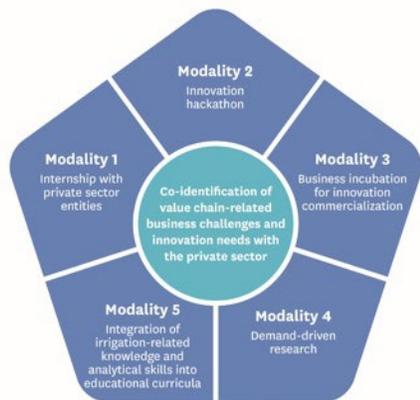


Private and public sector scaling partnership

Technical Assistance and support
Scaling partnership
Diagnostic tools enabling environment and financing ecosystem
Scaling and impact assessment



Targeting investments

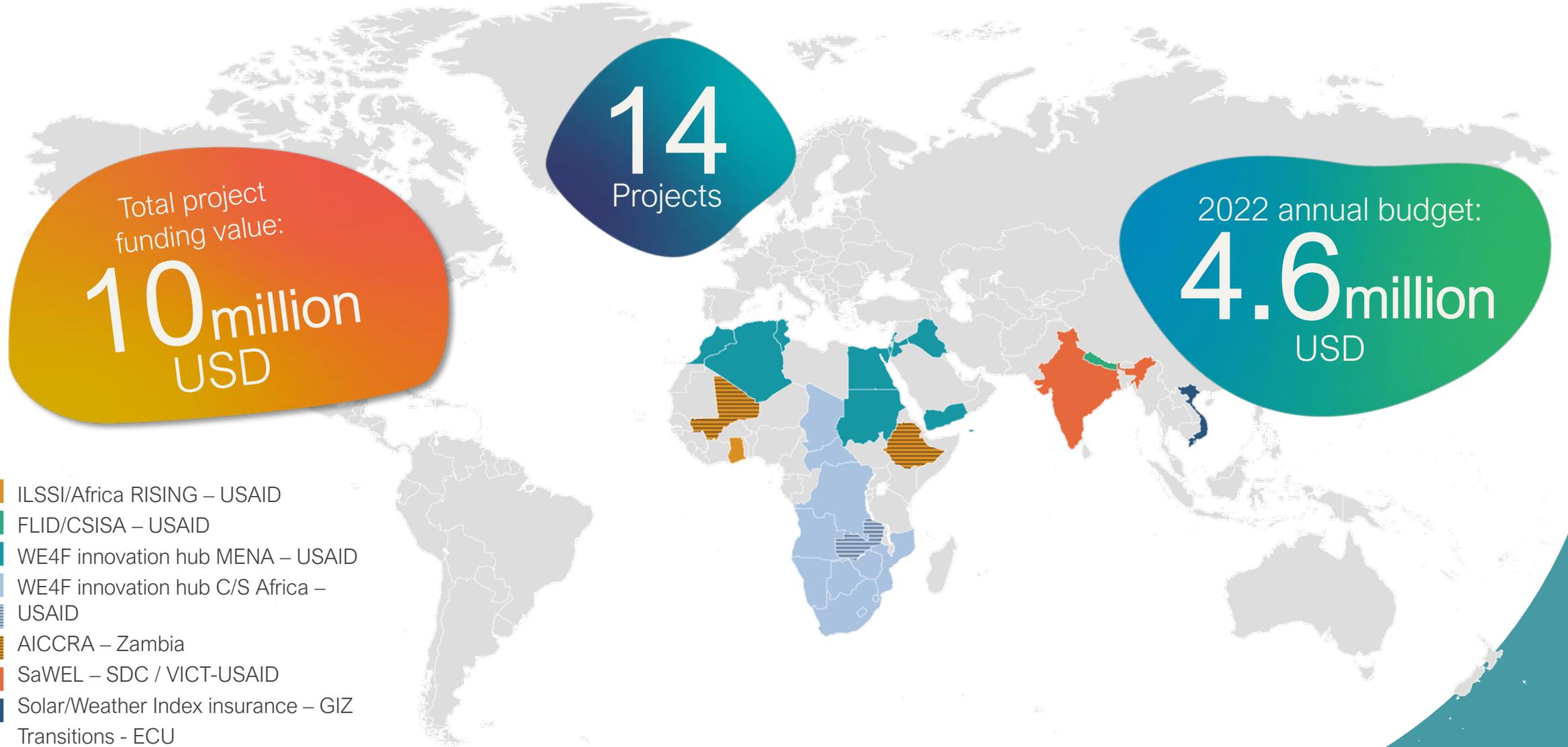


Institutional capacity



Multi-stakeholder dialogue

Scaling innovations through bi-lateral projects





Thank You

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FEED THE FUTURE
The U.S. Government's Global Hunger & Food Security Initiative



USAID
FROM THE AMERICAN PEOPLE



WATER and ENERGY for FOOD



WORLD BANK GROUP
Water



GWSP
GLOBAL WATER SECURITY & SANITATION PARTNERSHIP