


Building a research-for-development partnership for thriving drylands in a changing climate

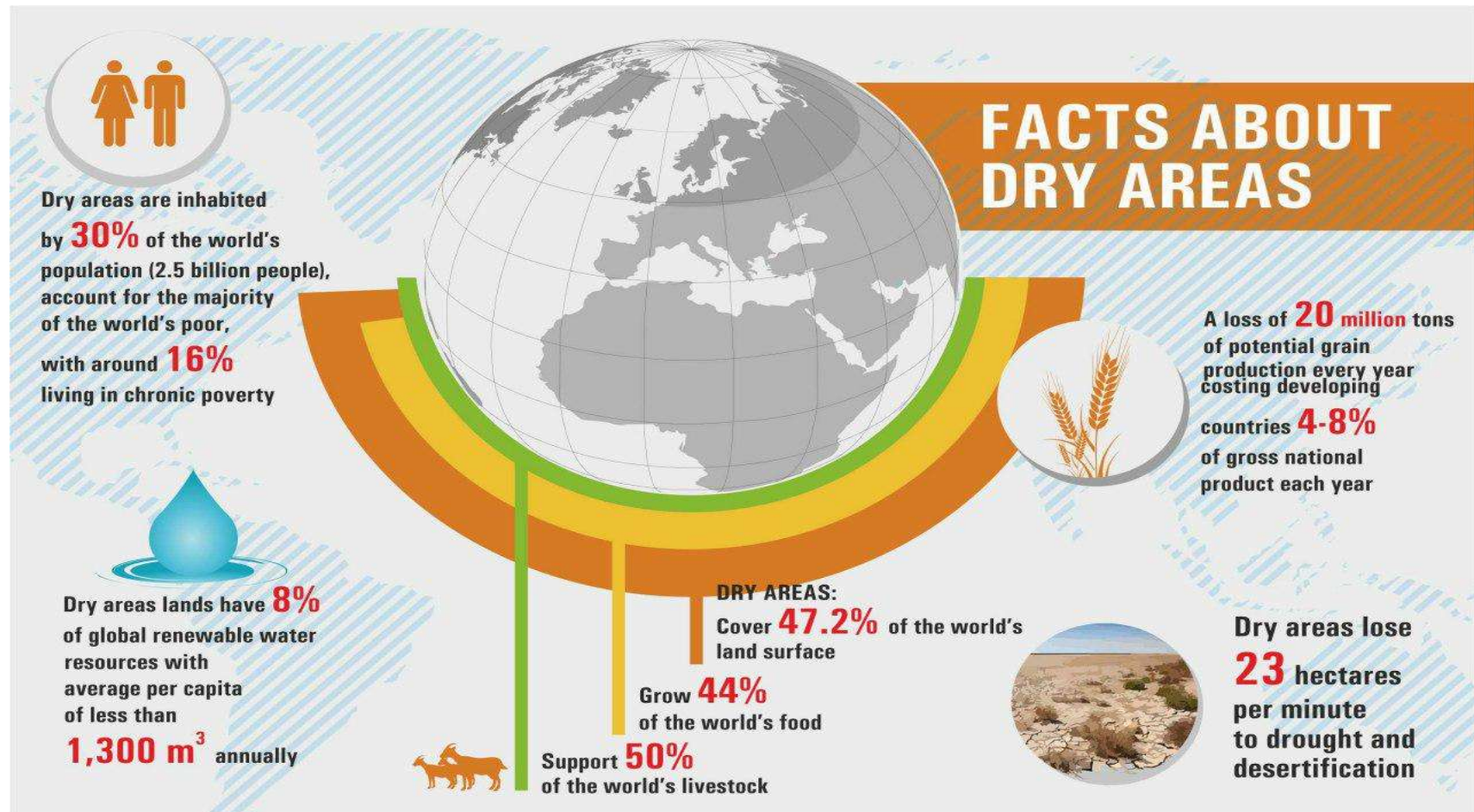
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ICARDA

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International Center for Agricultural Research in the Dry Areas

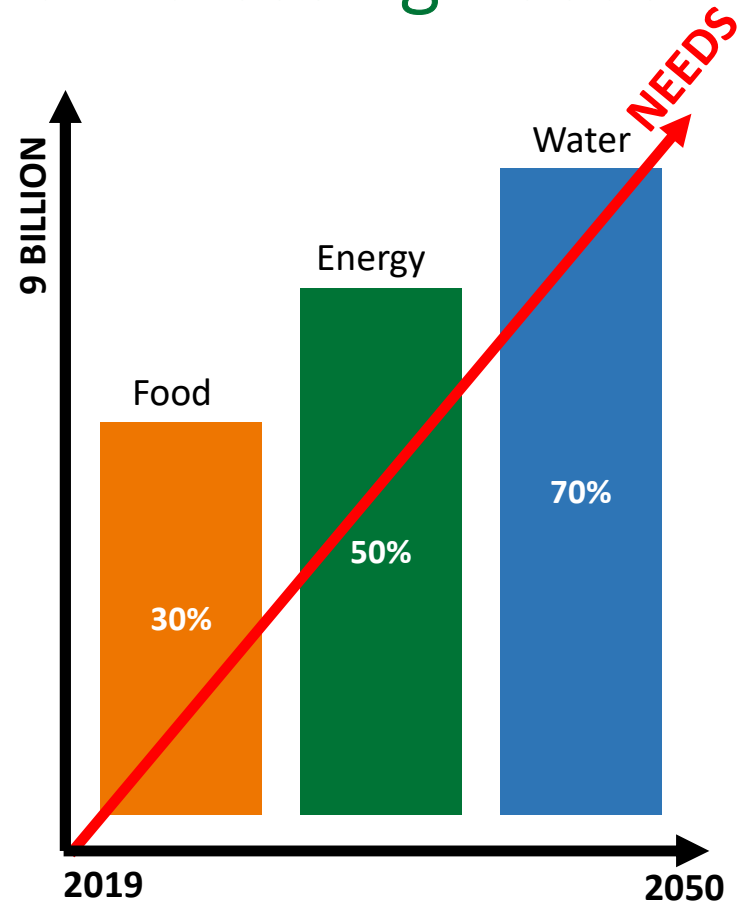
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Why Do Dry Areas Matter?



Climate change and increasing needs

- Adverse effects of climate change are **more pronounced in the drylands**
- Leads to **vulnerable, unsustainable** and **unpredictable** farming
- Variability and evolution of climate, diet and demography caused by changing edapho-climatic factors



ICARDA is a **decentralized R4D** international institute focusing on **dryland agriculture** that combines **component** and **systems** research



ICARDA's Mission

- Reduce poverty, enhance food and nutritional insecurity, protect natural resources through science, partnership and capacity building
- Demand-driven research, addressing the challenges of smallholder farmers, women, youth
- Our strategy is aligned with
 - Sustainable Development Goals
 - National development priorities
 - CGIAR's Strategic Results Framework 2016-2030

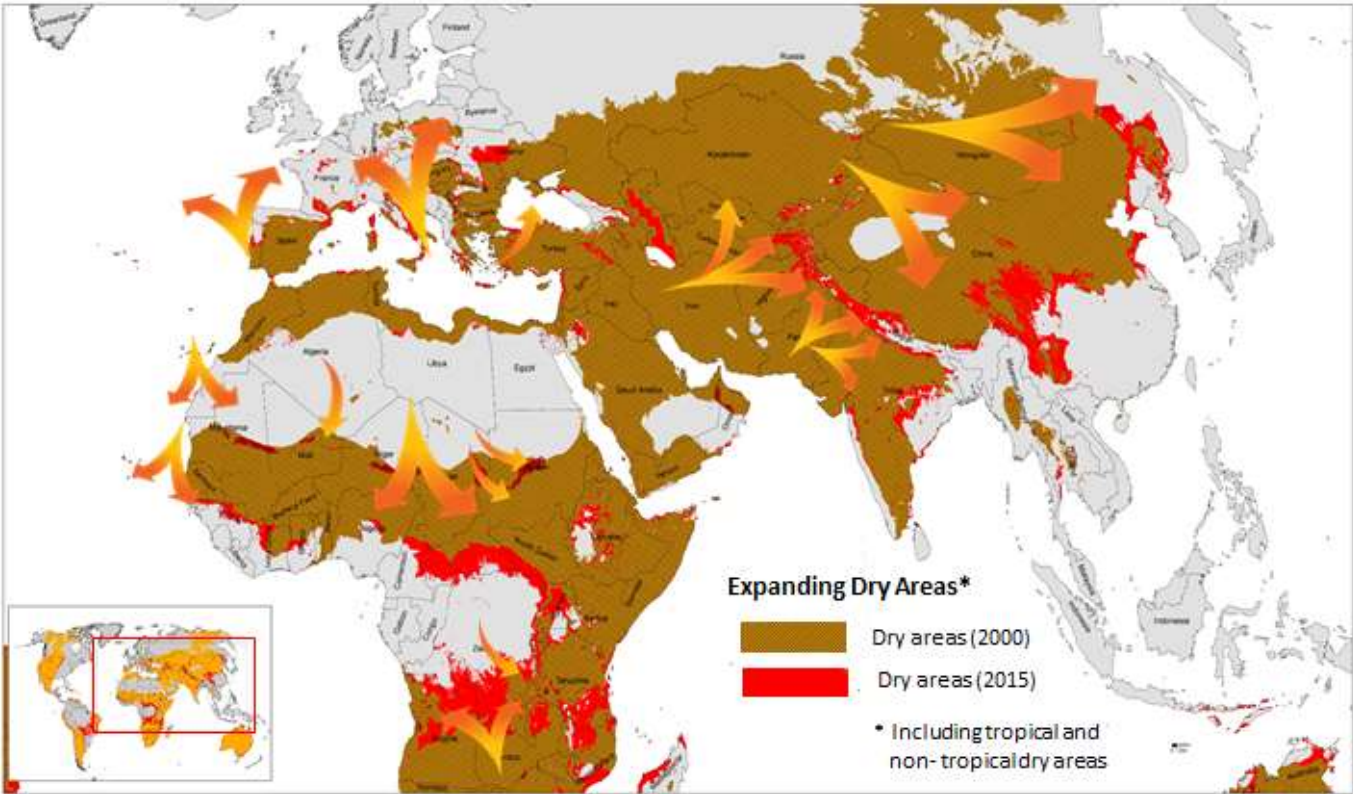




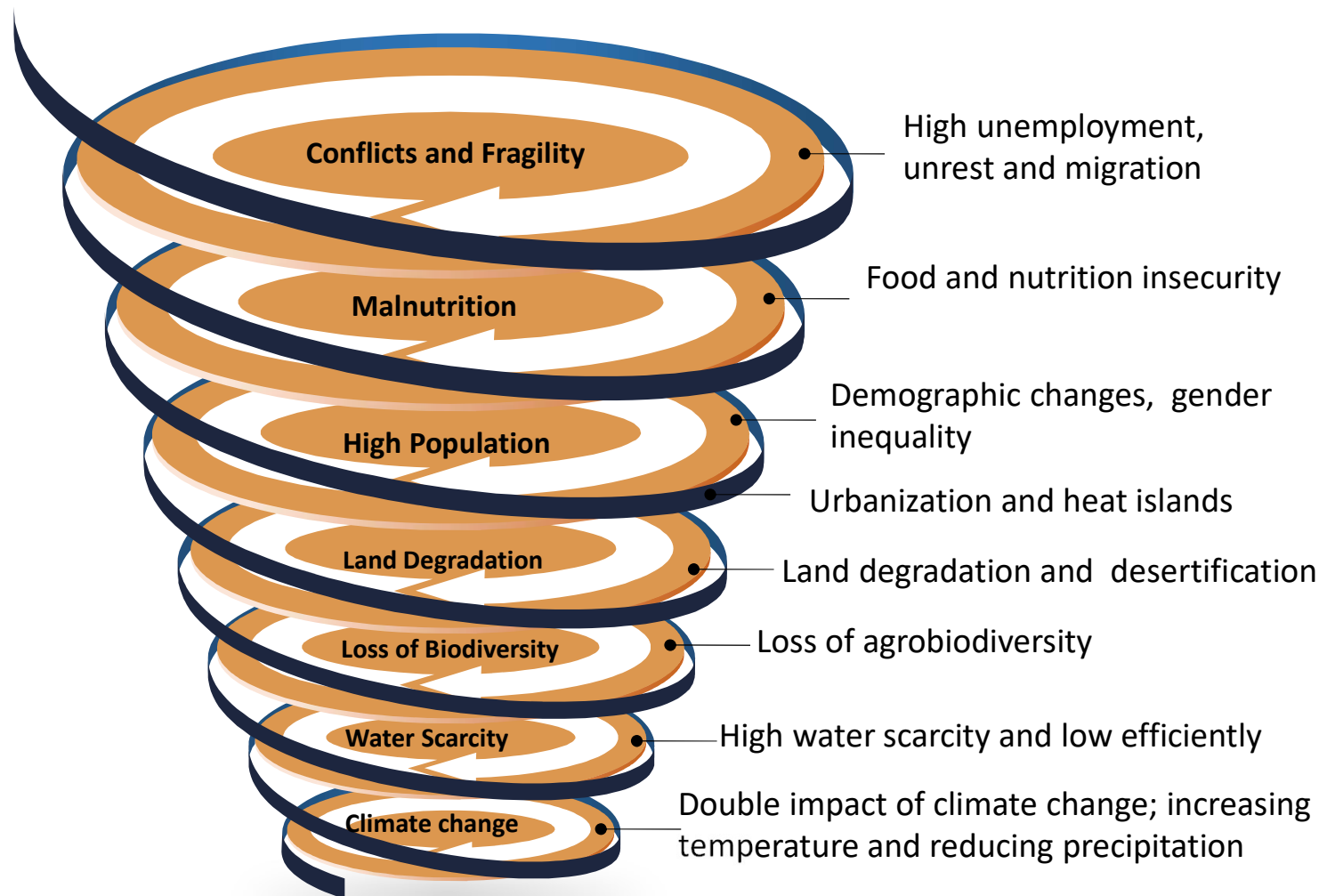
DryArc Initiative

Innovative and resilient agri-food
systems for food and nutrition security
and employment in the drylands

DryArc Region: Expanding with climate change



The Perfect Storm

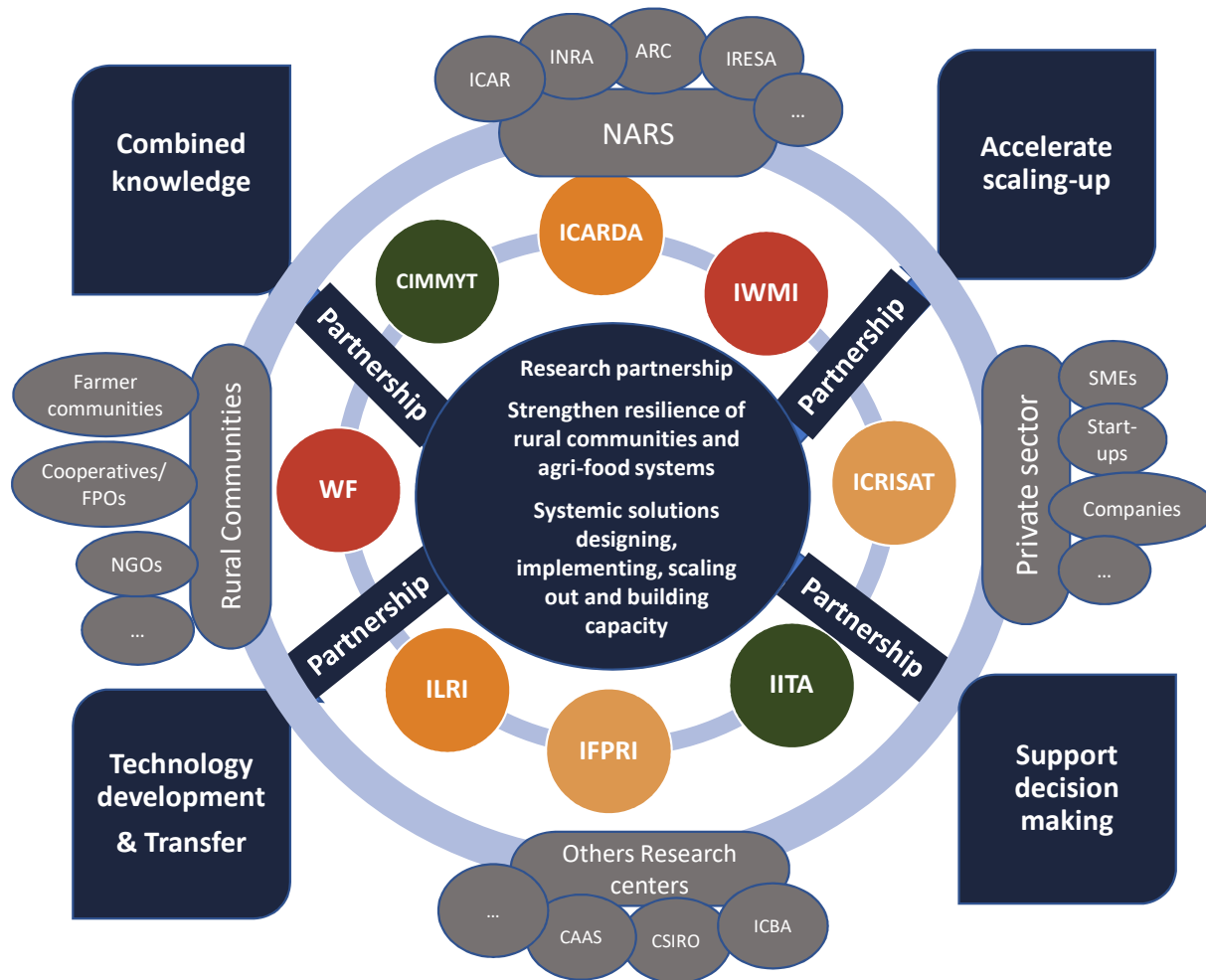


We need to move faster

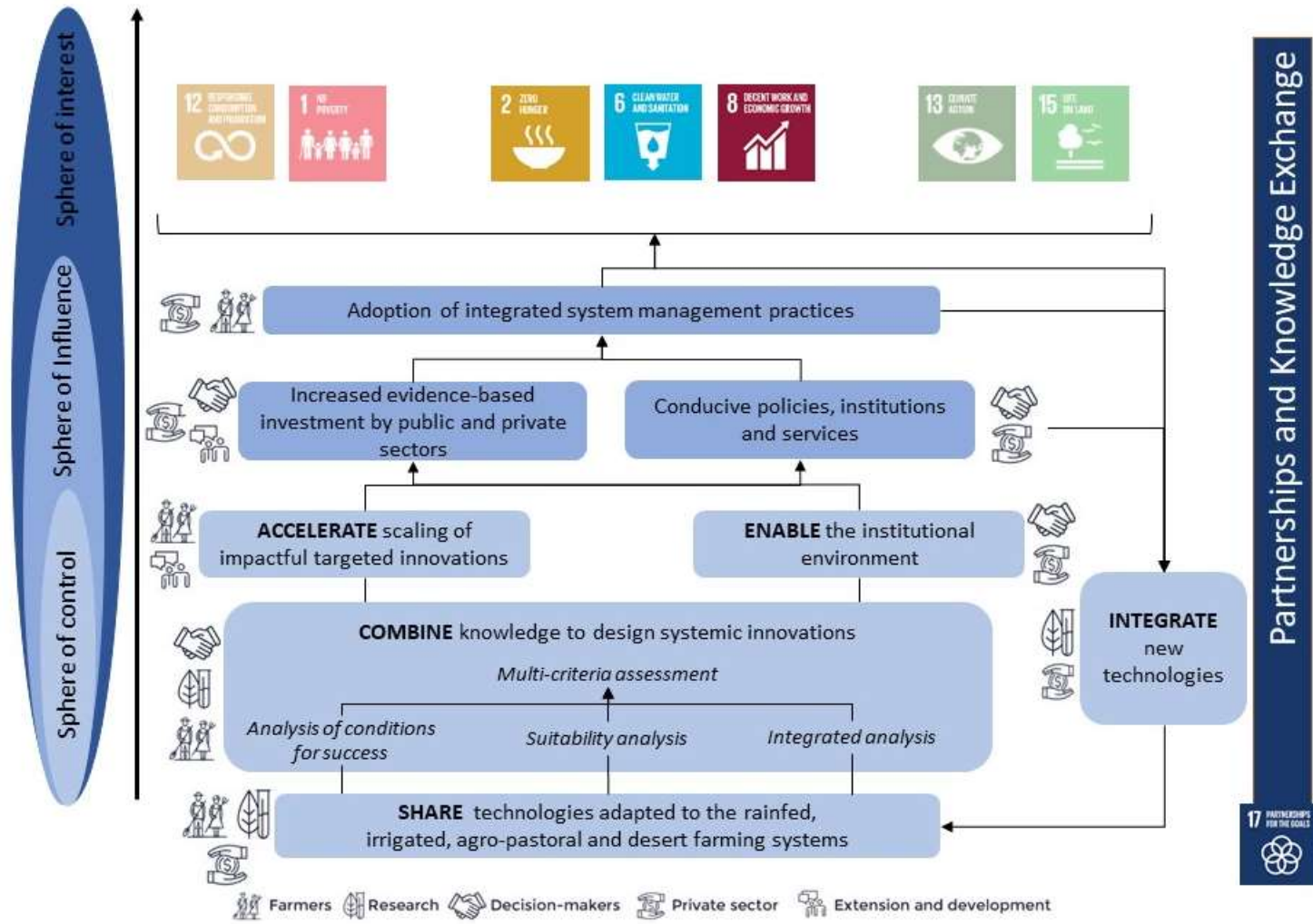
Only 10 harvests before 2030



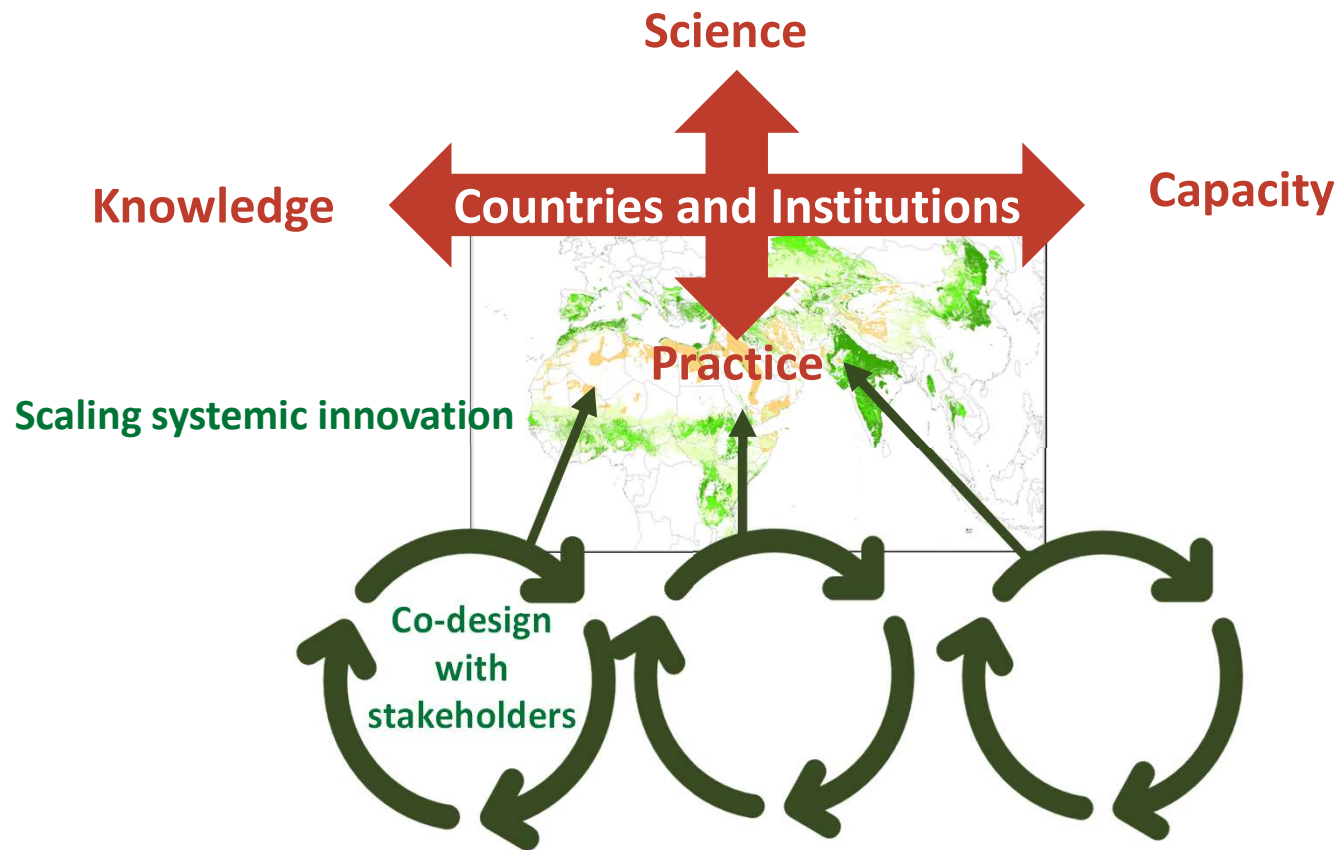
DryArc a Global partnership for the Drylands



Transformative strategy



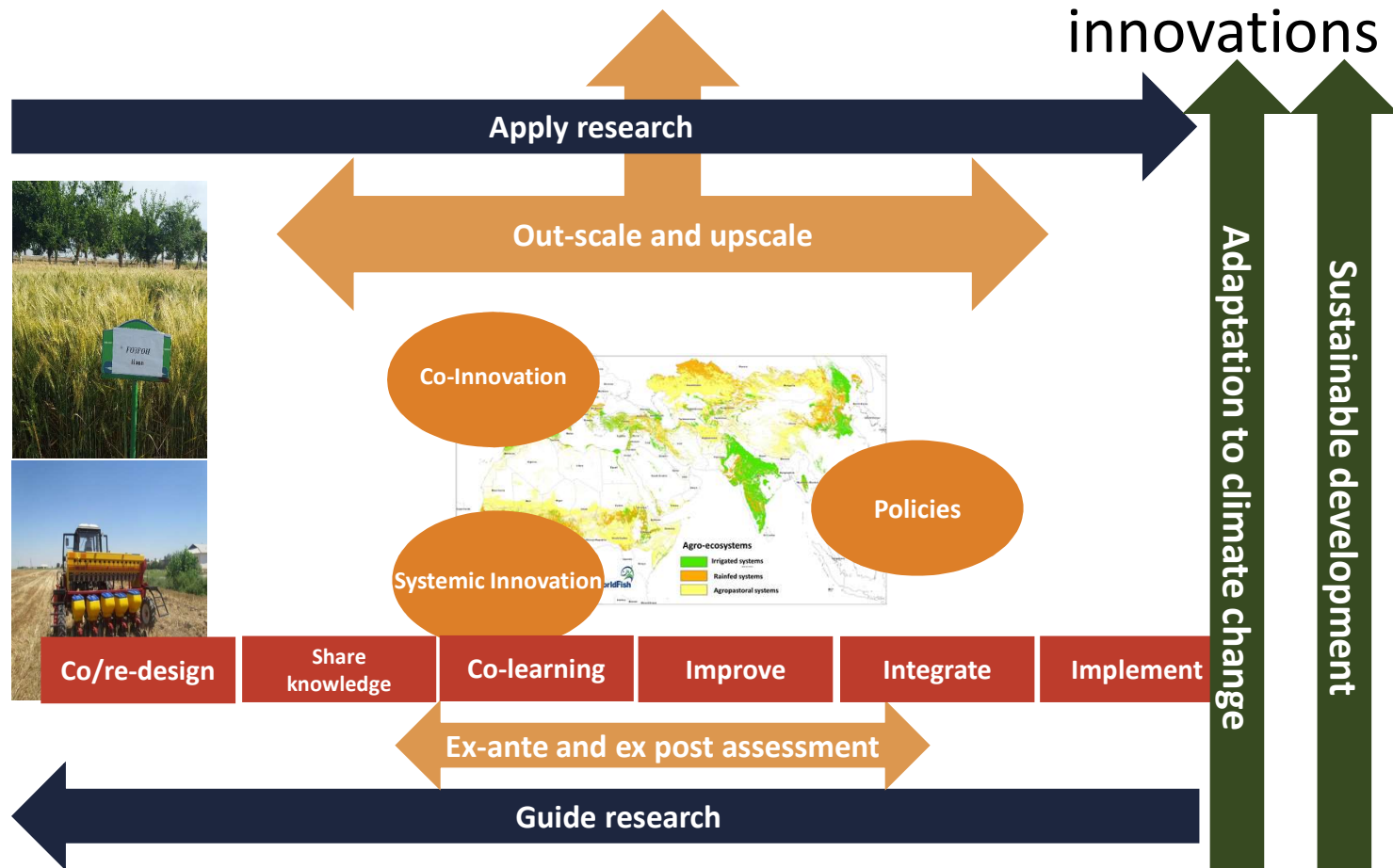
Two complementary pathways to transform agri-food systems



Module 1. Combine knowledge of proven technologies to design systemic innovations



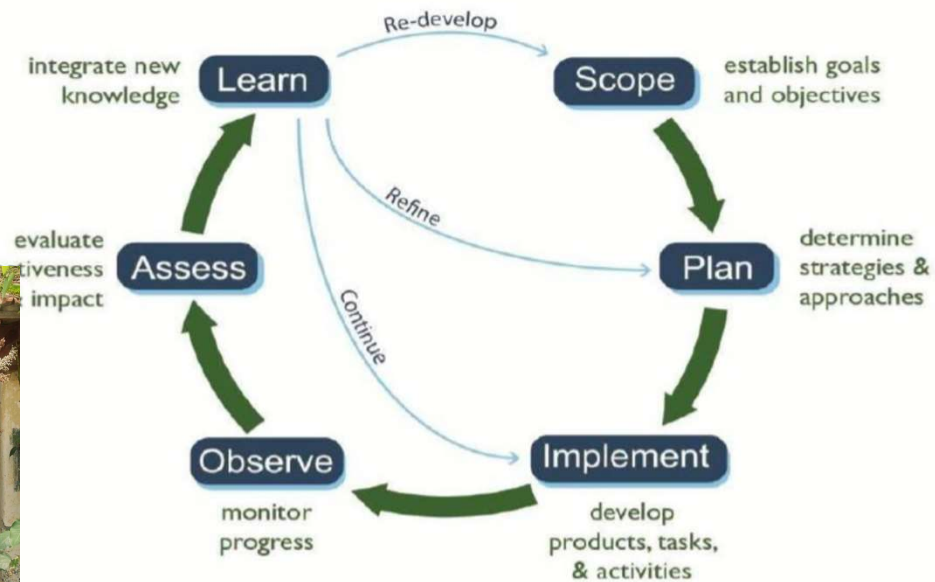
Module 2. Accelerate scaling-up of impact-targeted innovations



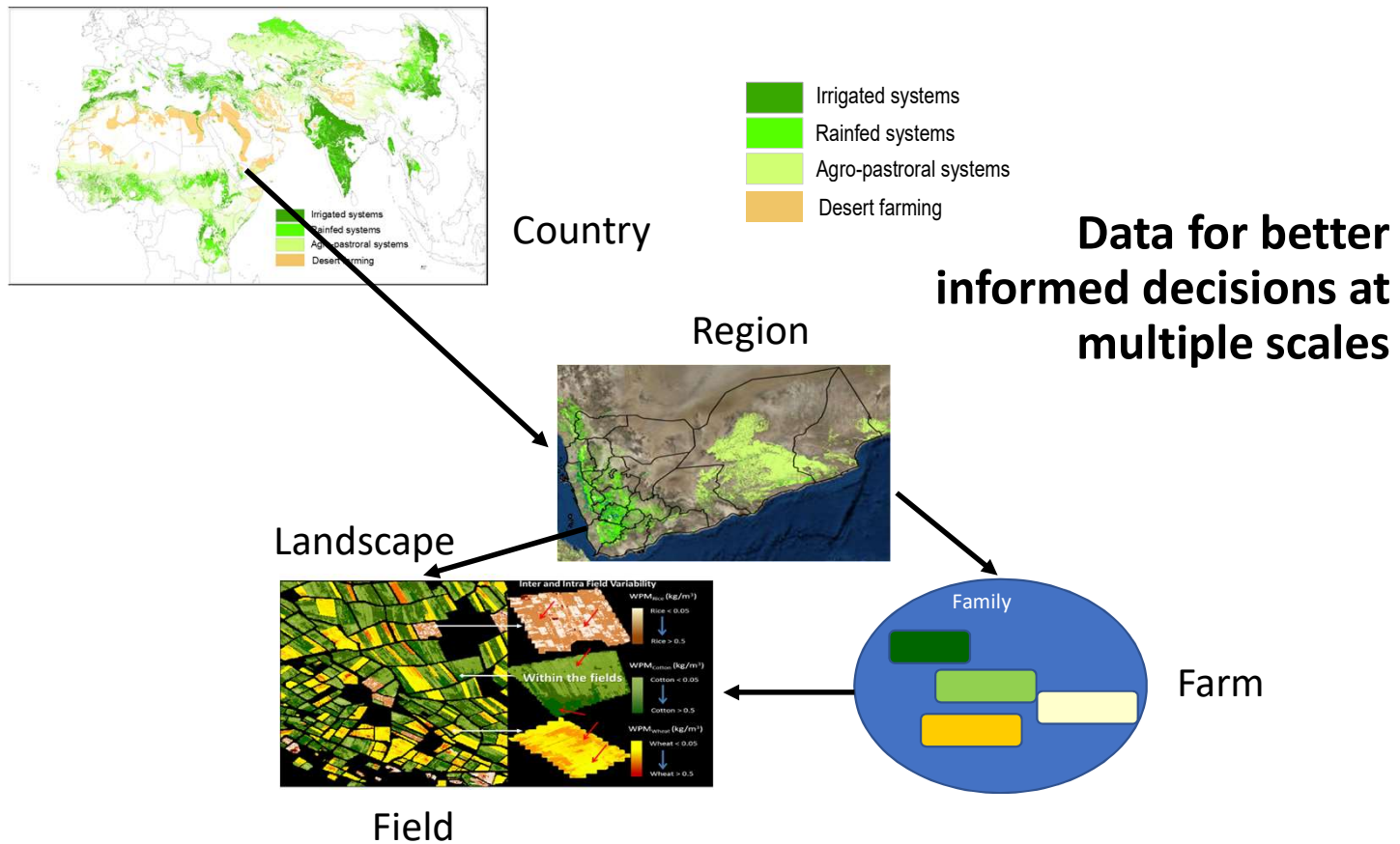
Module 3. Continuous integration of innovations



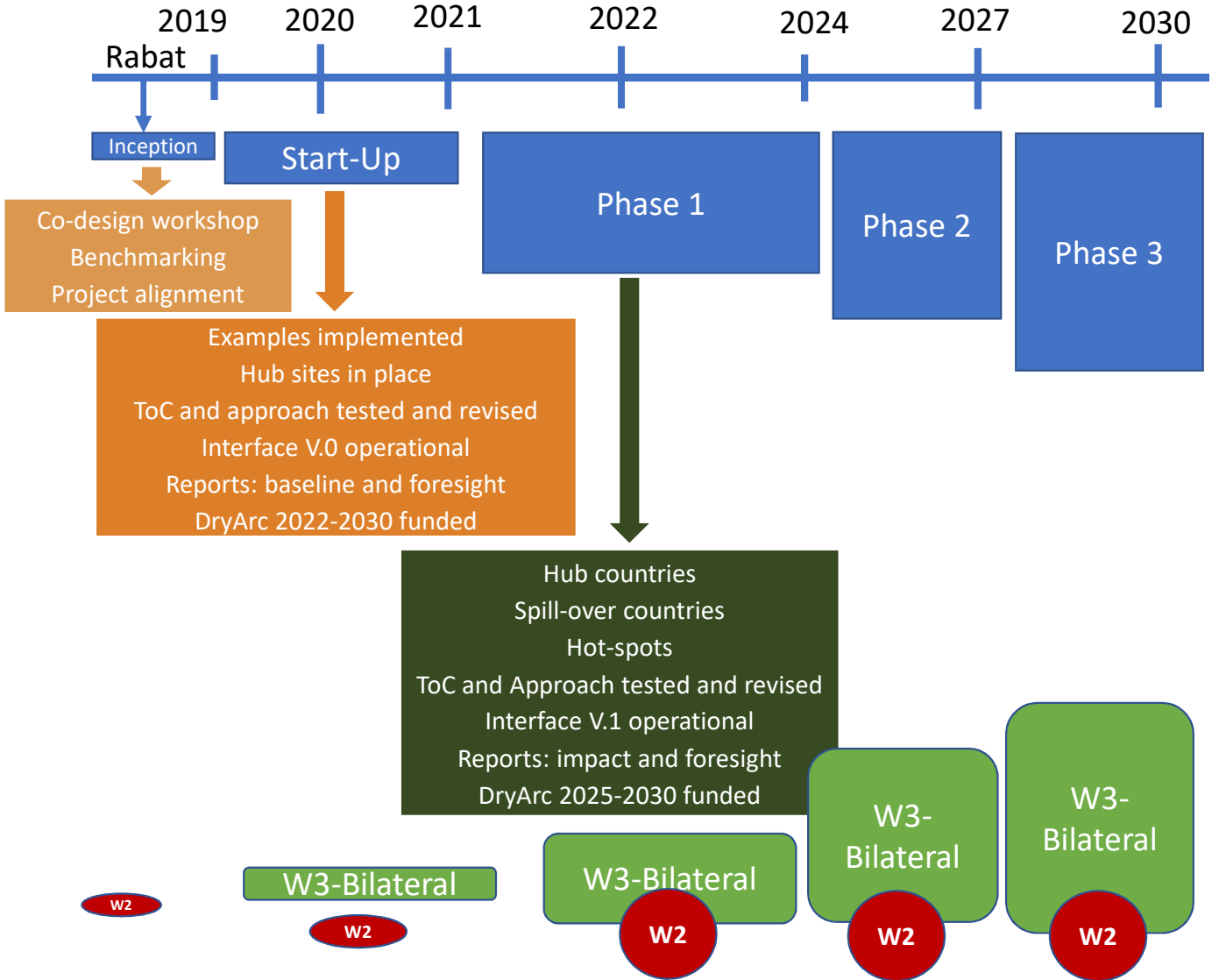
The Innovation Process



Module 4. Enabling institutional environment (decision-making, M&E, capacity, investment)



DryArc Roadmap





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