

CRFS PATHWAYS TO TRANSFORMATION

UNSUSTAINABLE AND/OR INEFFECTIVE AGRICULTURE

RESEARCH & DEVELOPMENT SYSTEMS

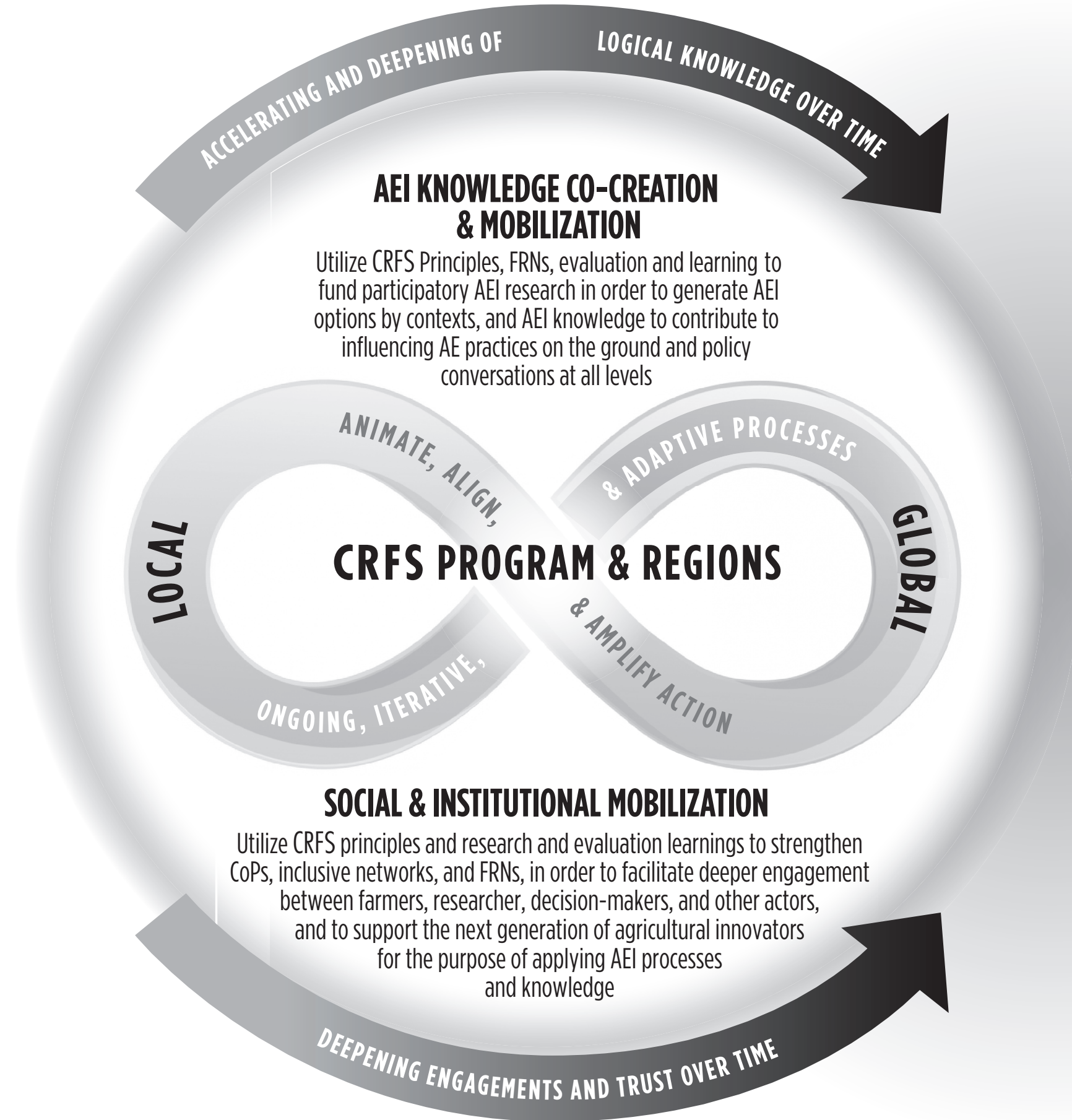
Siloed, discipline-based research
Blanket silver-bullet solutions
Key focus on productivity through external inputs
Hierarchical power relations

FOOD & AGRICULTURE SYSTEMS

Policies/markets favor large farmers
Industrialized farming
Soil degradation
Low productivity
Contributes to and at risk from climate change

SMALL HOLDER FARMING COMMUNITIES

Food insecurity
Malnutrition
Economic insecurity
Lack of access to research
Inequality: gender, age, class, ethnicity etc.
Aging population, migration, rural decline



CONTEXTUALIZED SCALING OF AGROECOLOGICAL SYSTEMS

RESEARCH & DEVELOPMENT SYSTEMS

Collaborative, trans-disciplinary
Responsive to heterogeneity
Horizontal power relationships
R4D and D4R

FOOD & AGRICULTURE SYSTEMS

Resilient
Integrated
Multi-functional
Improved soil health
Sustainable farming
Increased crop productivity
Adapts to and mitigates climate change
Provides ecosystem services

SMALL HOLDER FARMING COMMUNITIES

Food security
Improved nutrition
Access to research
Secure livelihoods
Equity
Rural vibrancy