

# CCRP PATHWAYS TO TRANSFORMATION

## UNSUSTAINABLE AND/OR INEFFECTIVE AGRICULTURE

### RESEARCH & DEVELOPMENT SYSTEMS

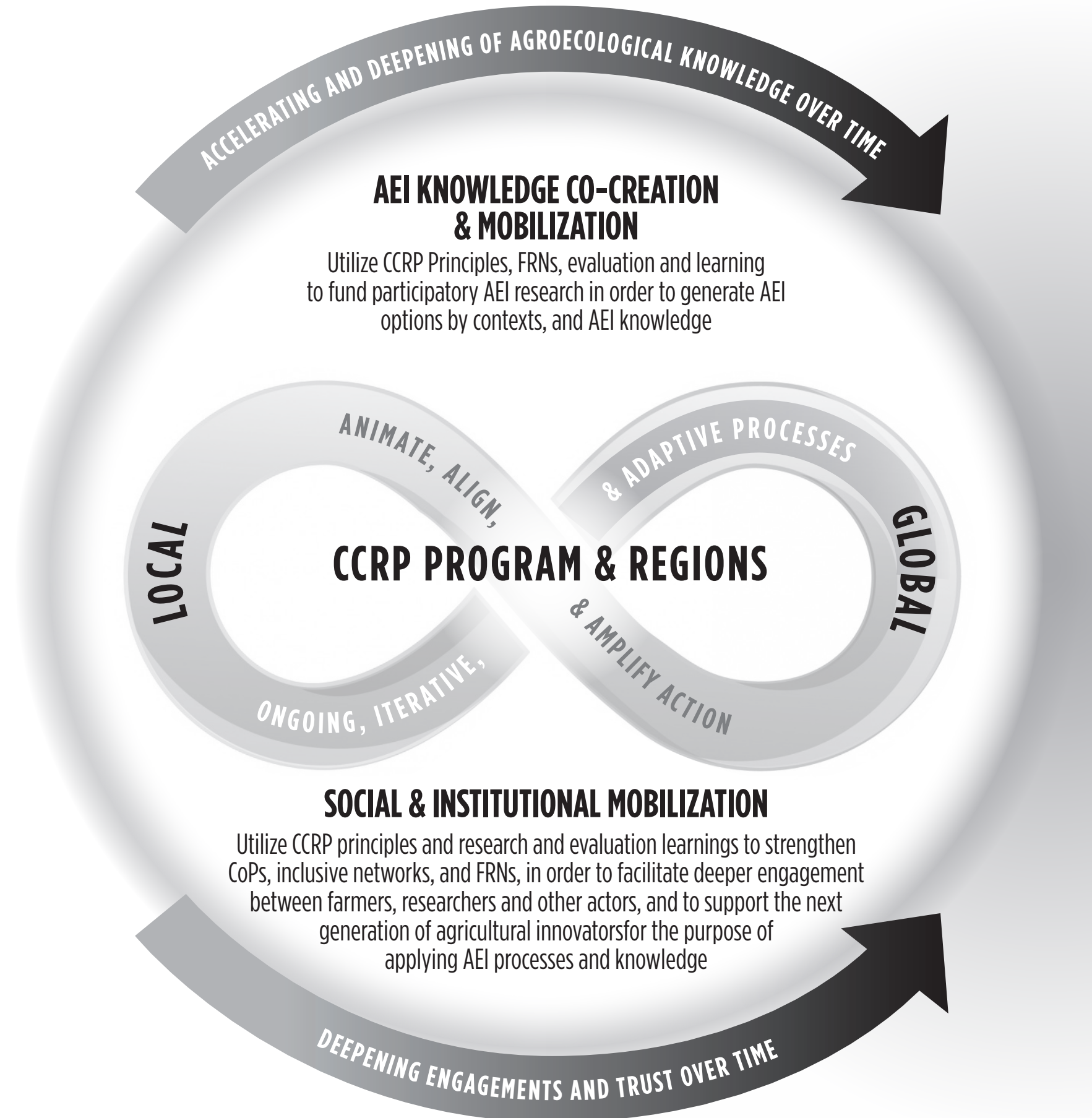
Siloed, discipline-based research  
Blanket silver-bullet solutions  
Key focus on productivity through external inputs  
Hierarchical power relations

### 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



## 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