

# Innovation for Sustainable Agriculture (ISA)

Phase II (2025 – 2028)



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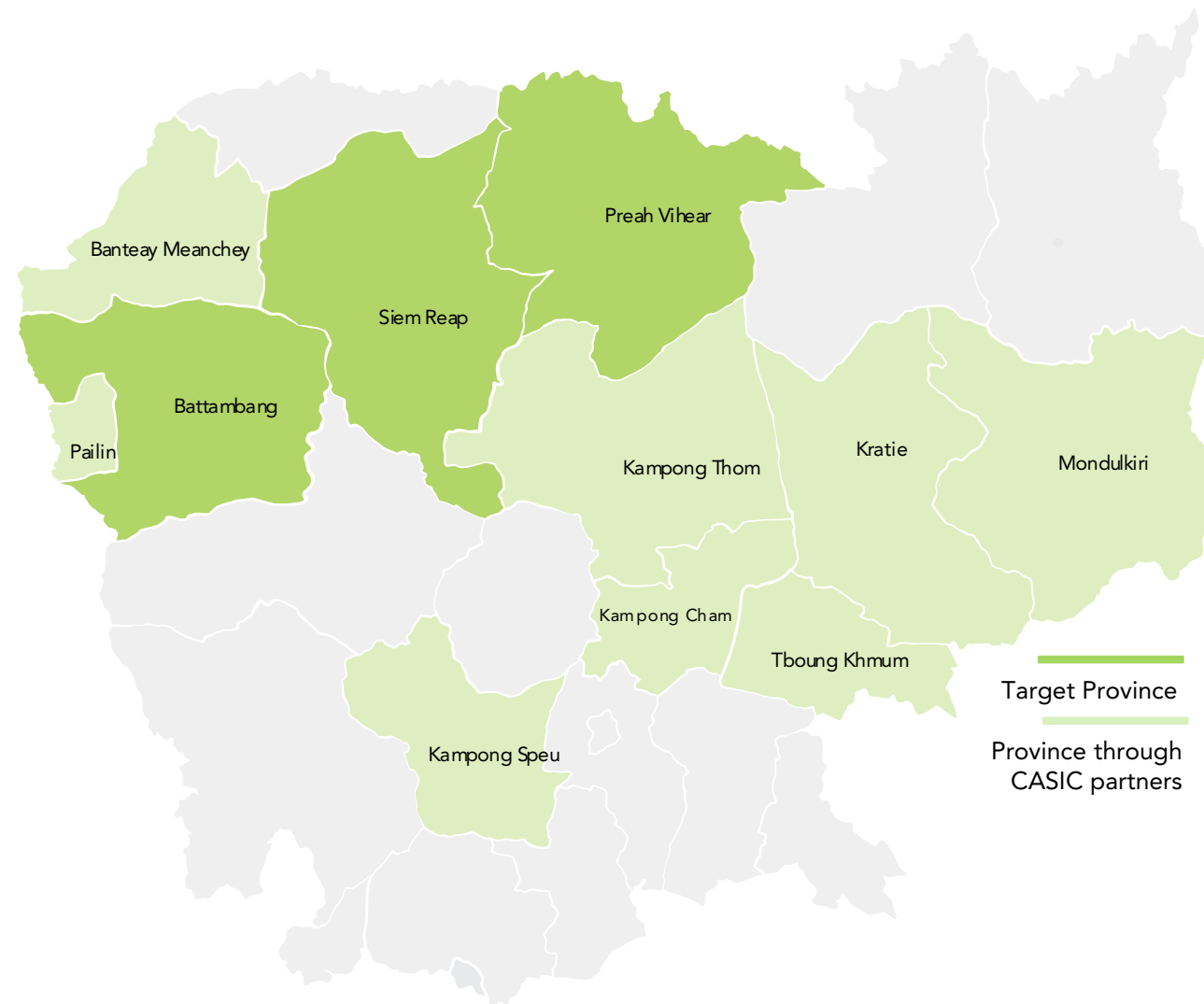
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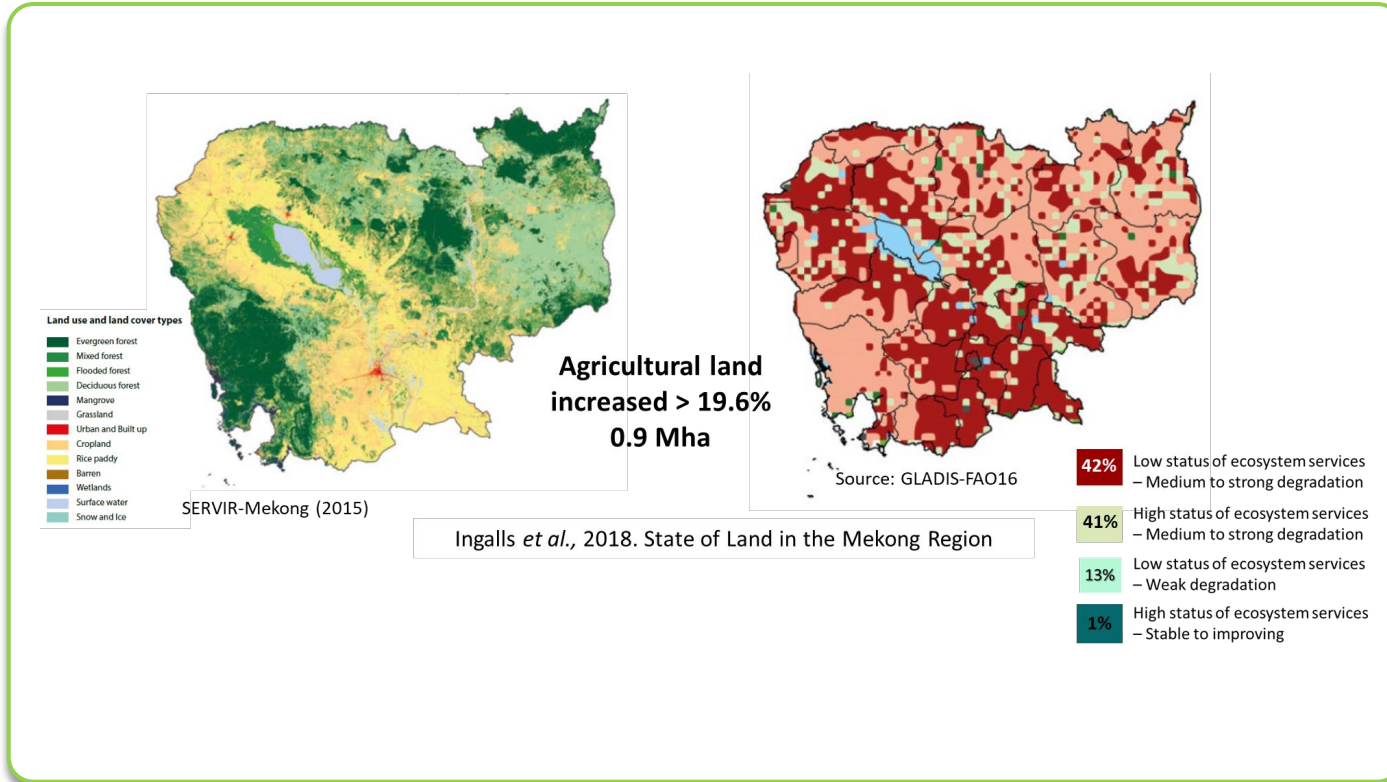
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# INNOVATION FOR SUSTAINABLE AGRICULTURE (ISA)

Promotes appropriate technologies, strengthened extension services, and public-private collaboration to improve soil health, increase farm productivity and income, and scale conservation agriculture and sustainable intensification in Cambodia.



# CHALLENGES IN AGRICULTURE



There is a need for the Cambodian agriculture sector to reinvent itself by shifting from *increased production* through land expansion and excessive use of inputs towards *Agroecology*.

- 1 Smallholder farmers are particularly vulnerable to climate change given their high dependence on rainfall and minimal crop diversification.
- 2 Cambodian agricultural lands are under threat of degradation and soil fertility depletion due to deforestation.
- 3 42% of land in Cambodia is under strong degradation.
- 4 The annual cost of land degradation in Cambodia is estimated at USD 677 million.



# NEED FOR TRANSITION

## Agroecology in Cambodia: Impacts and Co-Benefits



### Agroecology Practices

- Permanent soil cover (Cover crops)
- Diversification
- Reduced to no-tillage
- Appropriate-scale machinery (no-till planter, land leveling...)
- Chemical inputs management
- Alternate Wetting and Drying (AWD)



## IMPACTS

### Climate Change Mitigation



## CO-BENEFITS

### Climate Change Adaptation



Innovation for Sustainable Agriculture

# TIMELINE

## Toward Sustainable Agriculture

CASIC, MetKasekor, SRP, InGuider



Support in **developing human-centered design (HCD) based curriculum, an extension model** to open markets for private sector, envision of a coordination mechanism, and supported research-to-commercialization, technology passporting, and collaboration with technology importers and local workshops.

CASIC, MetKasekor, SRP and InGuider embedded in public institutions. SevaKasekor, KropouchKasekor and DeiMeas ideated and, in the process, to embed them.



ISA2 Pitch Deck



# TIMELINE

## Toward Sustainable Agriculture



Cover crop, no-till and others to change practices. Capitalize on carbon credit, eco-credit or other incentive mechanisms



# INTERVENTION AREA

## Public Sector



## Private Sector



## Project / Cooperative Partners



# HIGHLIGHT 2021-2024 ACHIEVEMENT



**5,772**

smallholder farmers increased their net income



**11,273**

smallholder farmers gained access in sustainable agriculture



**54,000** kg

cover crop seeds sold through private companies and sustainable agriculture



**No-till**

Local no-till planter production launched, reducing reliance on imports.



**29**

internship students increased income



# HIGHLIGHT PHASE II Target



**4,000**

smallholder farmers  
participate in training,  
promotional, and services



**12,000**

smallholder farmers  
adopting sustainable  
agriculture



**3,000**

households increase annual  
net income CHF 120



**30,000**

tons of CO<sub>2</sub> emissions  
reduced and carbon  
sequestration increased



# HIGHLIGHT 2025 ACHIEVEMENT



**2,335**

farm households

adopting climate-relevant practices, services, and inputs



**2,992**

smallholder farmers

participating in training and technical assistance



**3,140** ha

improved soil quality



**15** ton

cover crop seeds sold to smallholder farmers



# WHAT PARTNER ARE WE LOOKING FOR?

## Global Supply Chain Companies

Looking for emission reduction or carbon sequestration in their supply chain (Insetting – Scope 3), responsible sourcing including traceability.

## (Multi-national) Corporations/Foundations

Or related philanthropies looking for ESG/CSR initiatives (social-economic and environmental benefits)

## Carbon or Eco-credit Investors/Traders/Buyers (Offsetting)

Or impact investors interested in contributing to project design and implementation (outcome-based payments).

## Research Institutions, NGOs, Service Providers, or Eco-project Developers

Interested in co-design and co-implementation to unlock certain funding sources.



# WHAT ARE WE OFFERING?

## Quality Project Execution

- Robust assessments using the inclusive systems approach
- Intervention designs in close partnership with public & private actors
- Activity implementation with structured monitoring, results measurement, and periodic reviews

## Skillful Field Implementation Teams

- Structured staff onboarding, training, and coaching
- Boots-on-the-ground in project locations with the ability to expand in peak workloads
- Technical support for market actors along the supply chain (input providers, farmers, collectors, processors)

## Strong Relationships with System Actors

- Convening of international, national, regional, and local system actors, incl. government agencies
- Collaboration with research institutions on specialized technical expertise, e.g. in agronomy, MRV methods
- Promoting localization, ownership, and institutionalisation by partners in the local systems

## Past & Existing Initiatives to Build on

- Pilots with data and lessons on what worked and didn't and why so
- Scalable and replicable models and solutions by design
- Links to similar initiatives globally under SC and partners



# KEEP IN TOUCH!

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