Setting the scene

Scaling DeSIRA:

Webinar 1 - Innovation processes and scalability: challenges and experience from DeSIRA projects
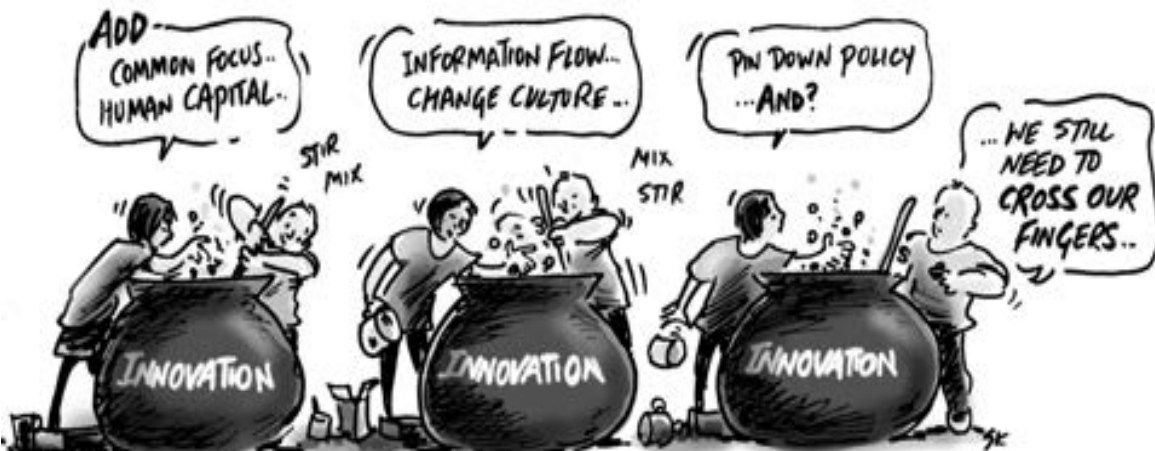
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OUTLINES

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1- Putting at scale DeSIRA innovations: scaling what?

2 - Scaling with a project approach: scaling how?

3 - Learning from the DeSIRA projects and preparing next steps

1- Scaling DeSIRA innovations: scaling what?
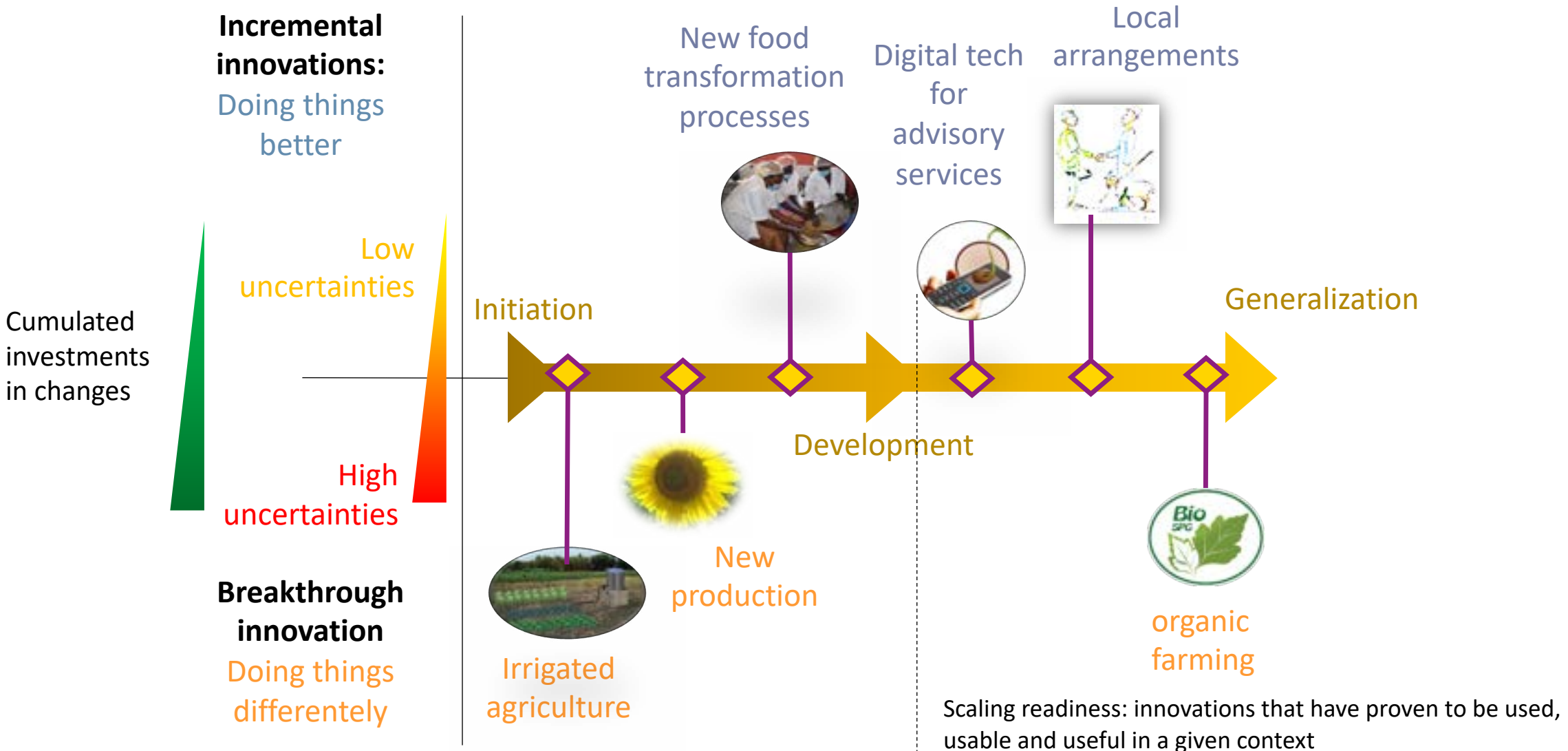
Technological innovations

Process innovations

Service innovations

Organisational innovations

Policy innovations

1- Scaling DeSIRA innovations: scaling what?

Incremental innovations:
Doing things better

Breakthrough innovation
Doing things differently

Low uncertainties

High uncertainties

Cumulated investments in changes

Initiation

New food transformation processes

Digital tech for advisory services

Local arrangements

Generalization

Development

New production

Irrigated agriculture

organic farming

Scaling readiness: innovations that have proven to be used, usable and useful in a given context
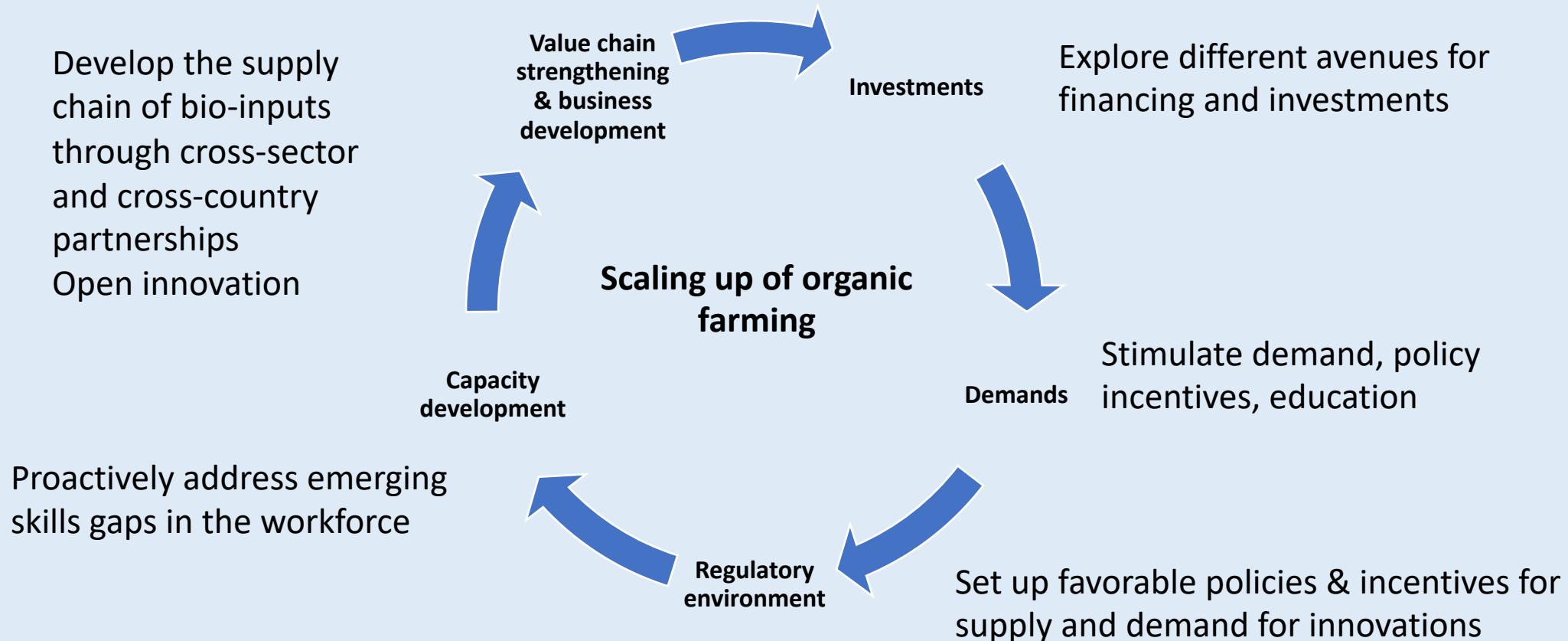
2- Scaling DeSIRA innovations: scaling how?

	Scaling goals	Process to put innovation at scale (scaling strategies)	Ex. of DeSIRA projects
	Doing more of the same things	**Scaling-out :** **geographic duplication and adaptation** *Increasing the number of end-users*	• AcceSS, TAP-AIS (Senegal, Burkina Faso) : label for organic farming • INV Niger: Management of water resources • Cocoa4future: agroforestry
	Doing things better	**Scaling-up:** **consolidation of the on-going changes** *Impacting institutions, laws and policy*	• FAIR-Sahel, ASSET: policies for AE • IDEAS: governance • RAIZ: evidence for policy decision
	Doing something else	**Scaling-deep :** **scaling of innovation capacities in countries** *Impacting relationships, cultural values and beliefs*	• AcceSS, TAP-AIS (Senegal, Burkina Faso) : frugal and social innovation, emergence and organization of innovation ecosystems • TAERA, IDEAS, FO4RI, : portfolios of innovations, farming system design

Example of a long term scaling up strategy

Scaling up takes time (typically multiple years) and requires long-term engagement in accordance with a well-articulated scaling vision/goal (which can be adapted over time).

Develop the supply chain of bio-inputs through cross-sector and cross-country partnerships
Open innovation

Value chain strengthening & business development

Investments

Explore different avenues for financing and investments

Scaling up of organic farming

Demands

Stimulate demand, policy incentives, education

Capacity development

Proactively address emerging skills gaps in the workforce

Regulatory environment

Set up favorable policies & incentives for supply and demand for innovations

2- Scaling DeSIRA innovations: scaling how?

Example of a long term scaling up strategy

Possible contributions from research

- Formalization and systematization of K (creation of links between local knowledge and research knowledge)

Value chain strengthening & business development

Investments
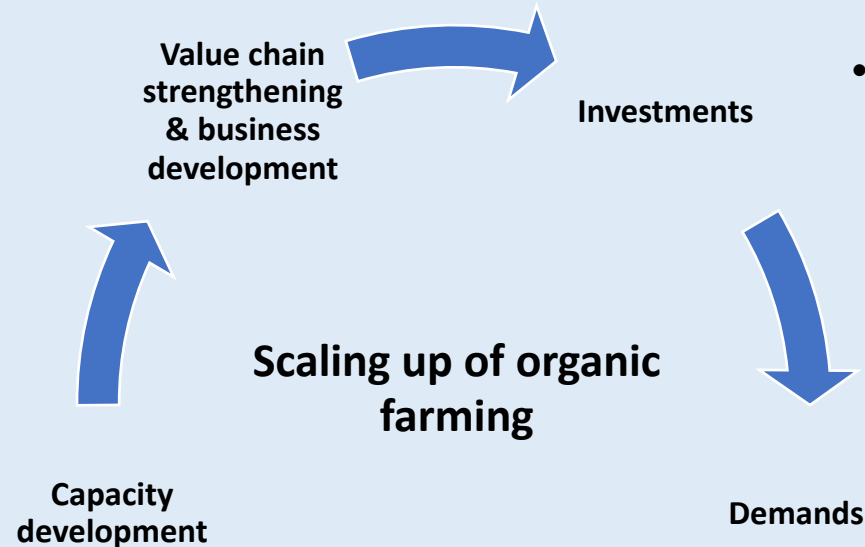
- Support new package of innovations, ie. Innovative funding mechanisms

- Or innovative mechanisms to stimulate demands

Scaling up of organic farming

Capacity development

Demands

- Codification of K (transformation of knowledge into manuals, checklists, training, etc.)

Regulatory environment

- Evaluations and legitimization (transforming knowledge into "political currency")

Example of a long term scaling deep strategy

Developing innovation capacities in countries, through the scaling of innovation facilities
Investing in transformative learning and communities of practices

Transfer of technology	In-situ co-design of innovations with end-users	Services in support to innovators	Multi-service platform in support to open innovation processes

E.g.: Farmer Field School

E.g.: On-Farm Experimentation, model farms

E.g.: incubator, B2B, Farmer to Farmer, Fablab

E.g.: Innovation campus, Living Lab, Agrilab

Openess of Research to society and embedding into scaling strategies

Example of a long term scaling up strategy

Possible contributions from project-based approaches
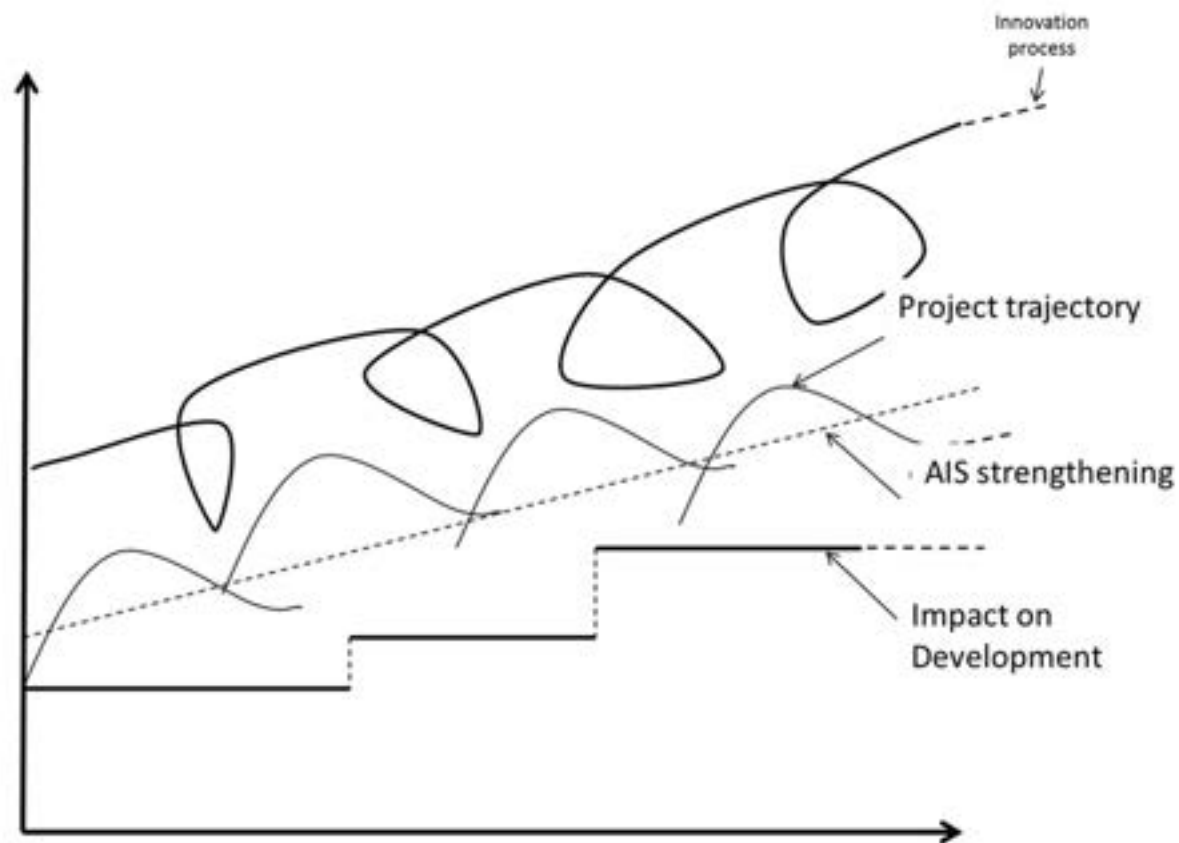
« Ratchet effect » of short-term projects: processes can not be reversed

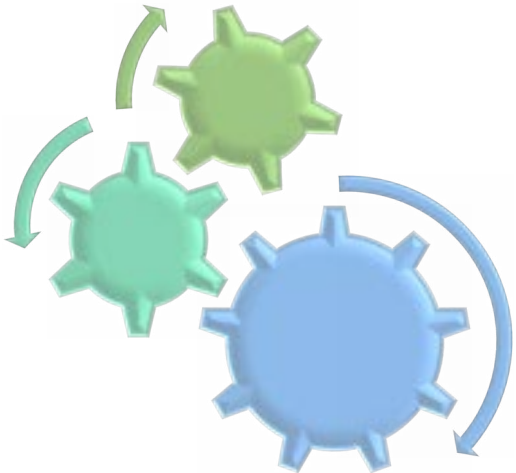no going backwards but the movement forwards is still possible.

Projects as a way of maintaining dynamics of change

1- Are DeSIRA innovations ready for scaling? Scaling what and how?

2- What can be done to ensure « Ratchet effect » (no backwards) of the project outcomes?

- Scaling partners

- Raising new investments

- Closing capacity gaps

- Enabling policy environment

- Etc.

4. Learning from & with DeSIRA projects implementing scaling strategies
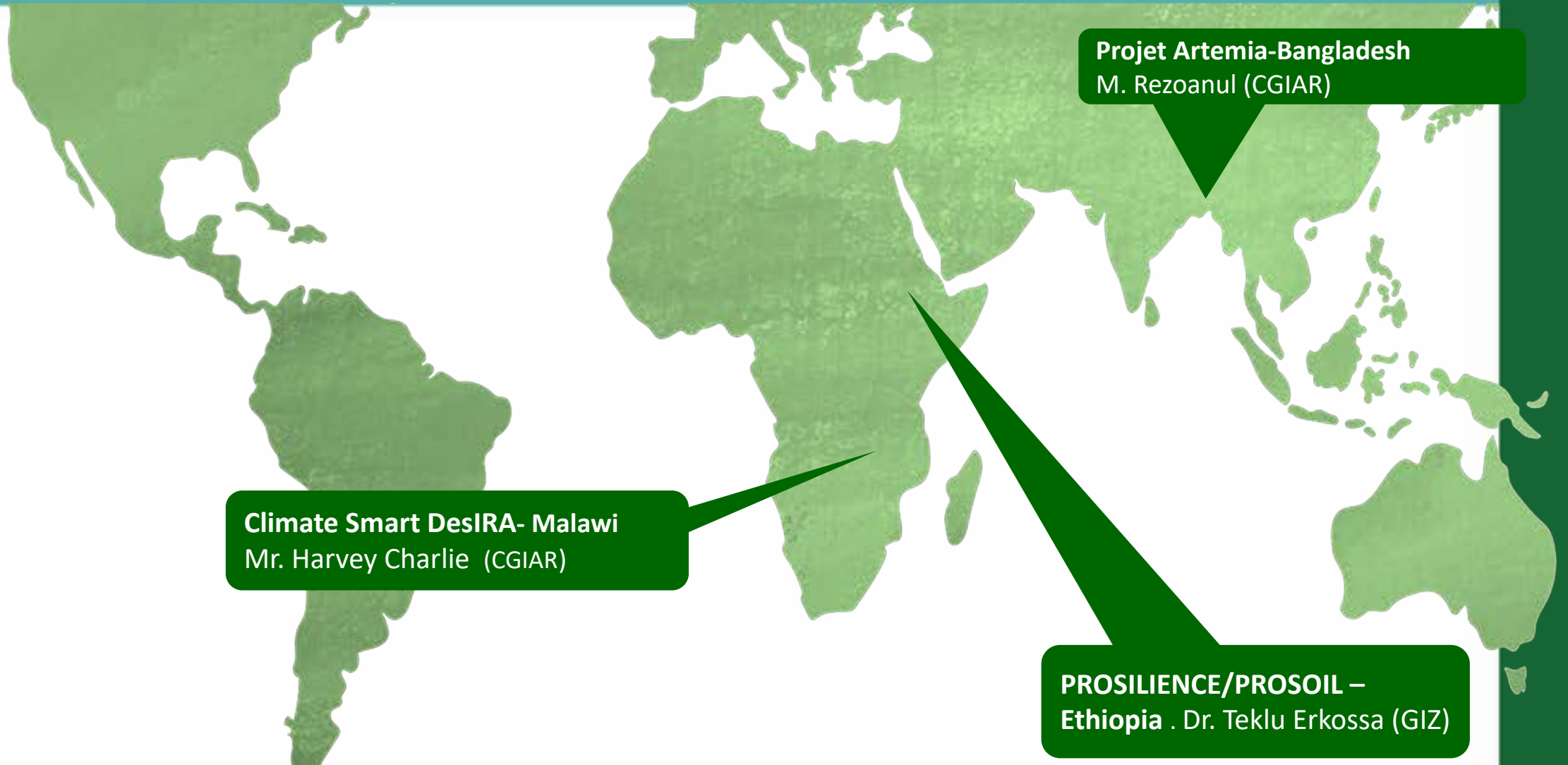
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