

How do actors understand and address the scaling of innovation?

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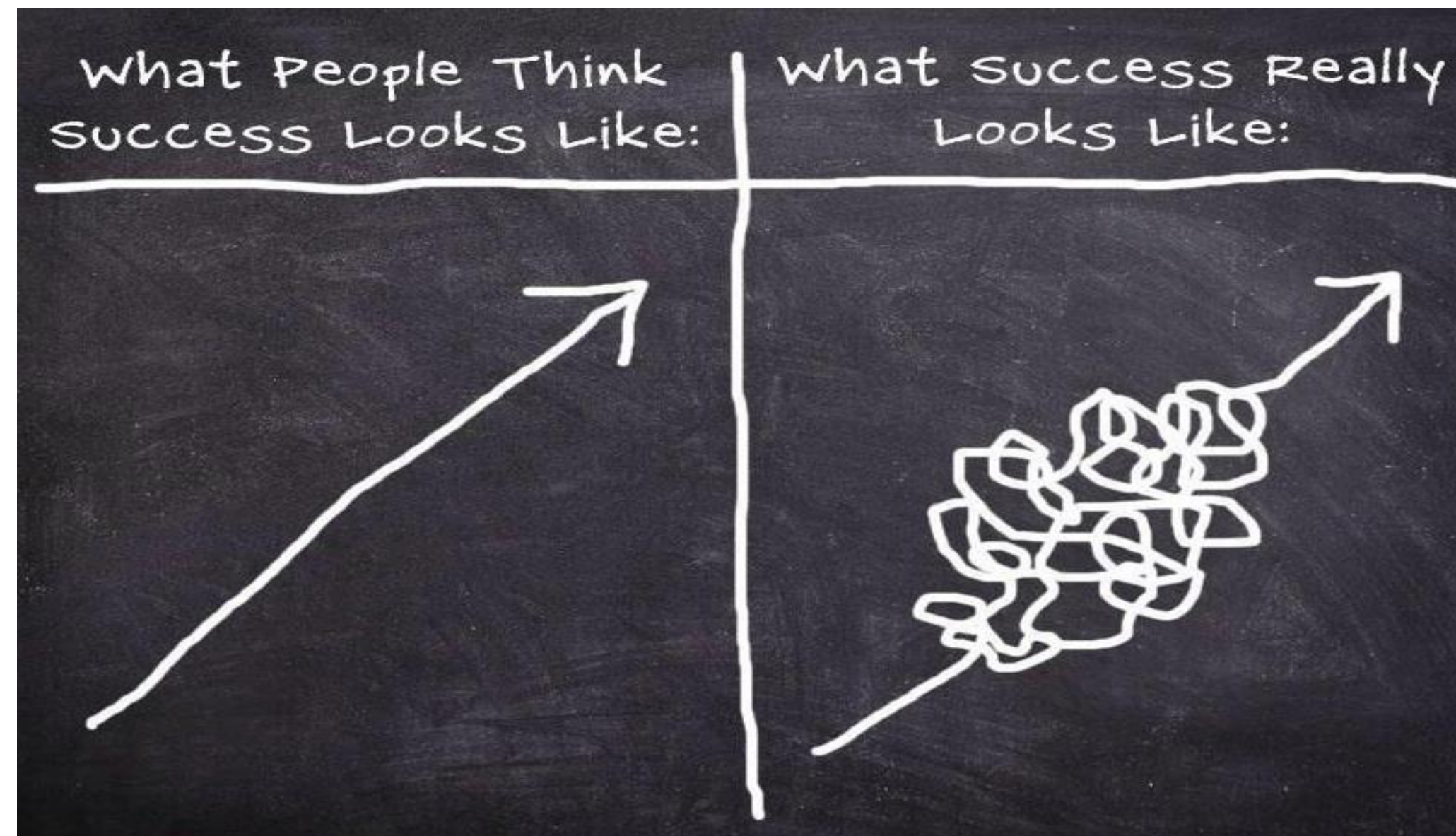
*Boosting agrifood research and innovation
cooperation for impact at scale*



March 11-13, 2025

Brussels, Belgium

Can we manage the innovation process?



Some people argue that innovation could be planned

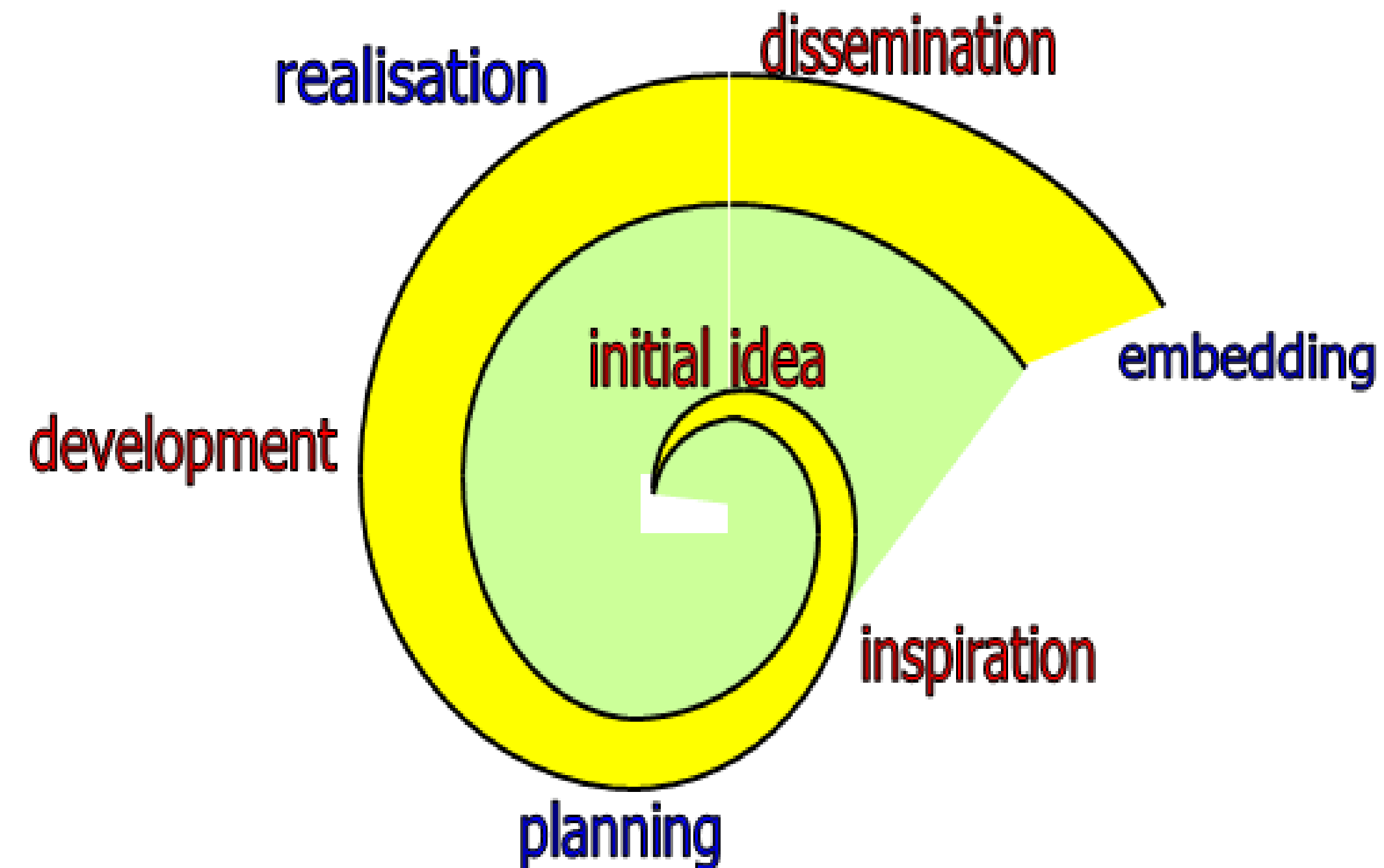
- From prototype to innovation at scale through different steps

Some people argue that innovation process is complex and unpredictable

- Strategic and flexible management

The spiral of innovation

Different steps and iterative process



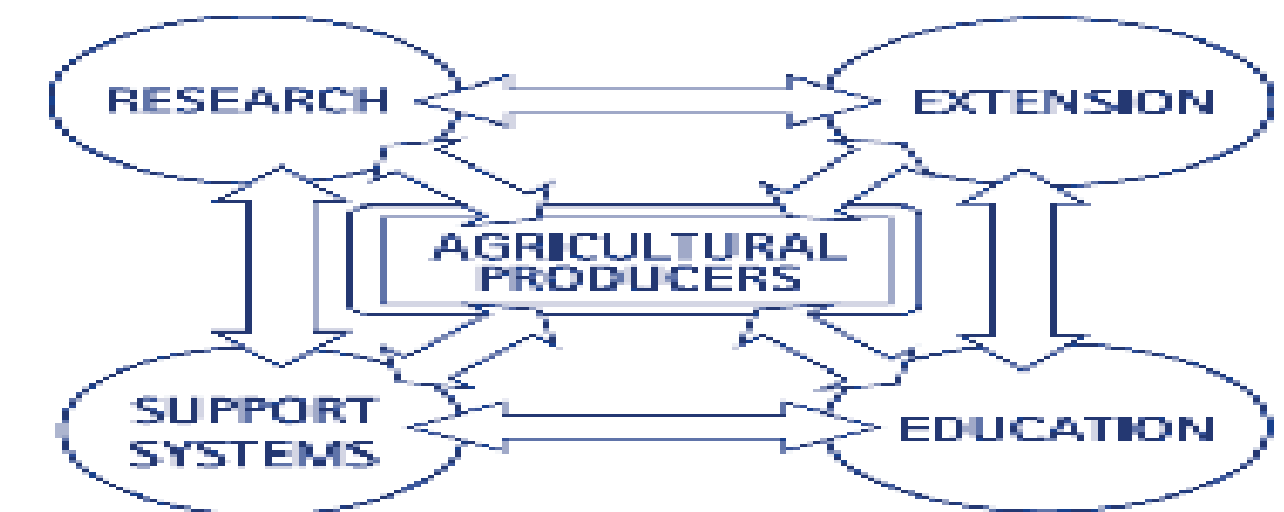
SCALING : TO GO FROM ONE STEP TO ANOTHER
(including feedback loops)

It takes time!

Two pathways for scaling under debate

Innovation is a collective process with network of actors
sharing objectives, resources (HR, €), knowledge

- Importance of AKIS, ecosystems, innovation platforms
- New value chain for organic pine apple in Togo



Innovation is driven by the figure of the entrepreneur

- Start-up, incubators
- New firm producing organic fertilisers in Kenya



In fact both are important

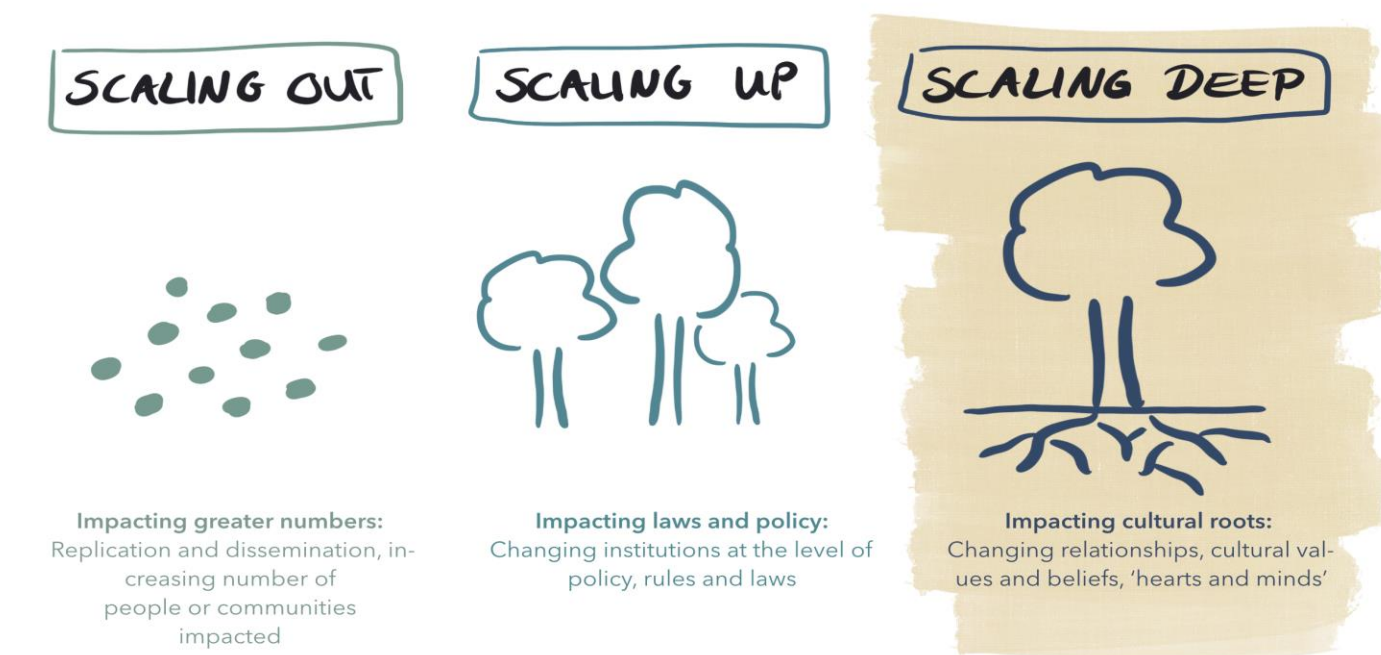
- Collective vision : economic entrepreneurs/social entrepreneurs are agents of change
- Entrepreneurs need to develop relationships with other actors (downstream and upstream), are embedded in networks

Scaling is a complex process !

The basic of scaling

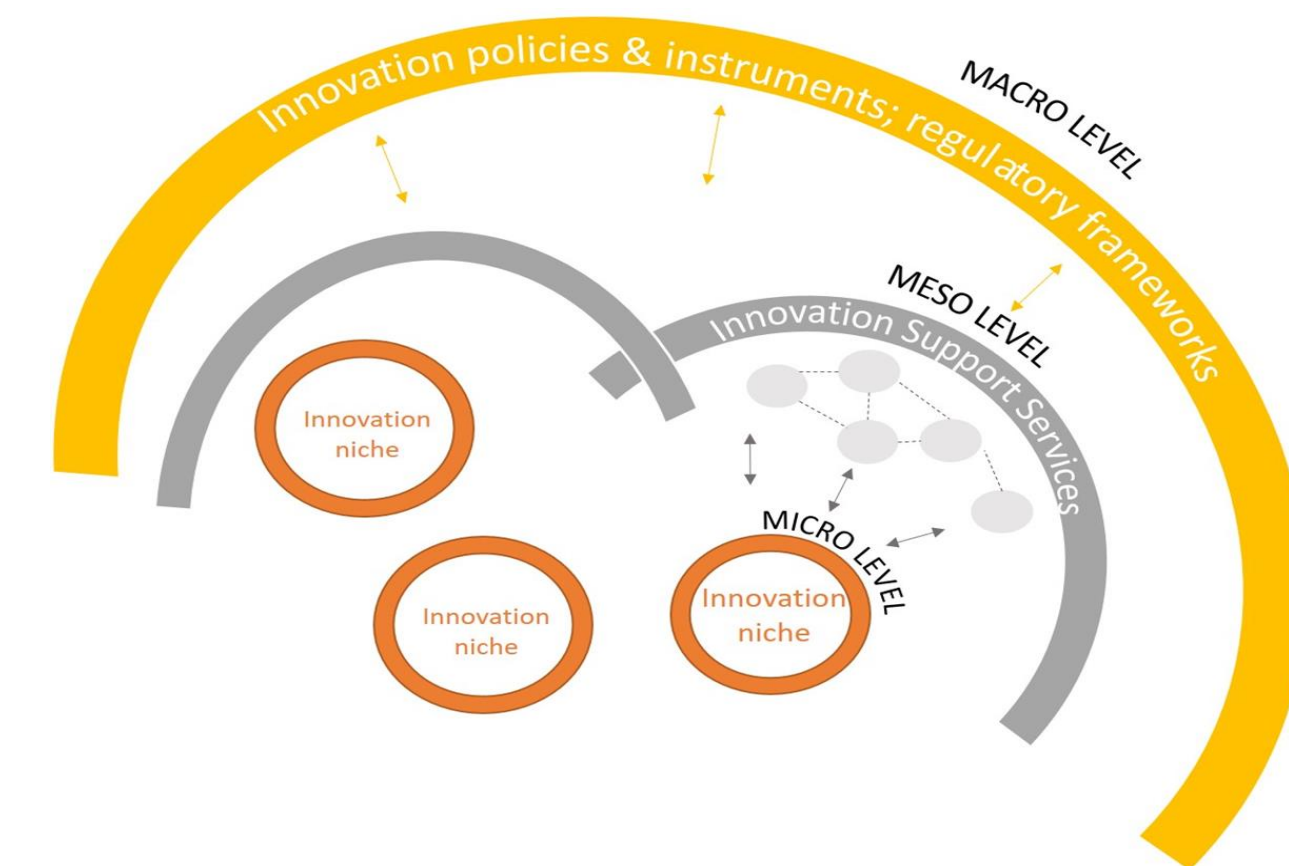
INTENSITY OF SCALING

- Scaling out (more actors involved such as farmers or entrepreneurs, more areas covered)
- Scaling up (change in institutional settings : new organisations, new networks, new policies)
- Scaling deep (change of values, perceptions, etc.)



LEVELS OF SCALING

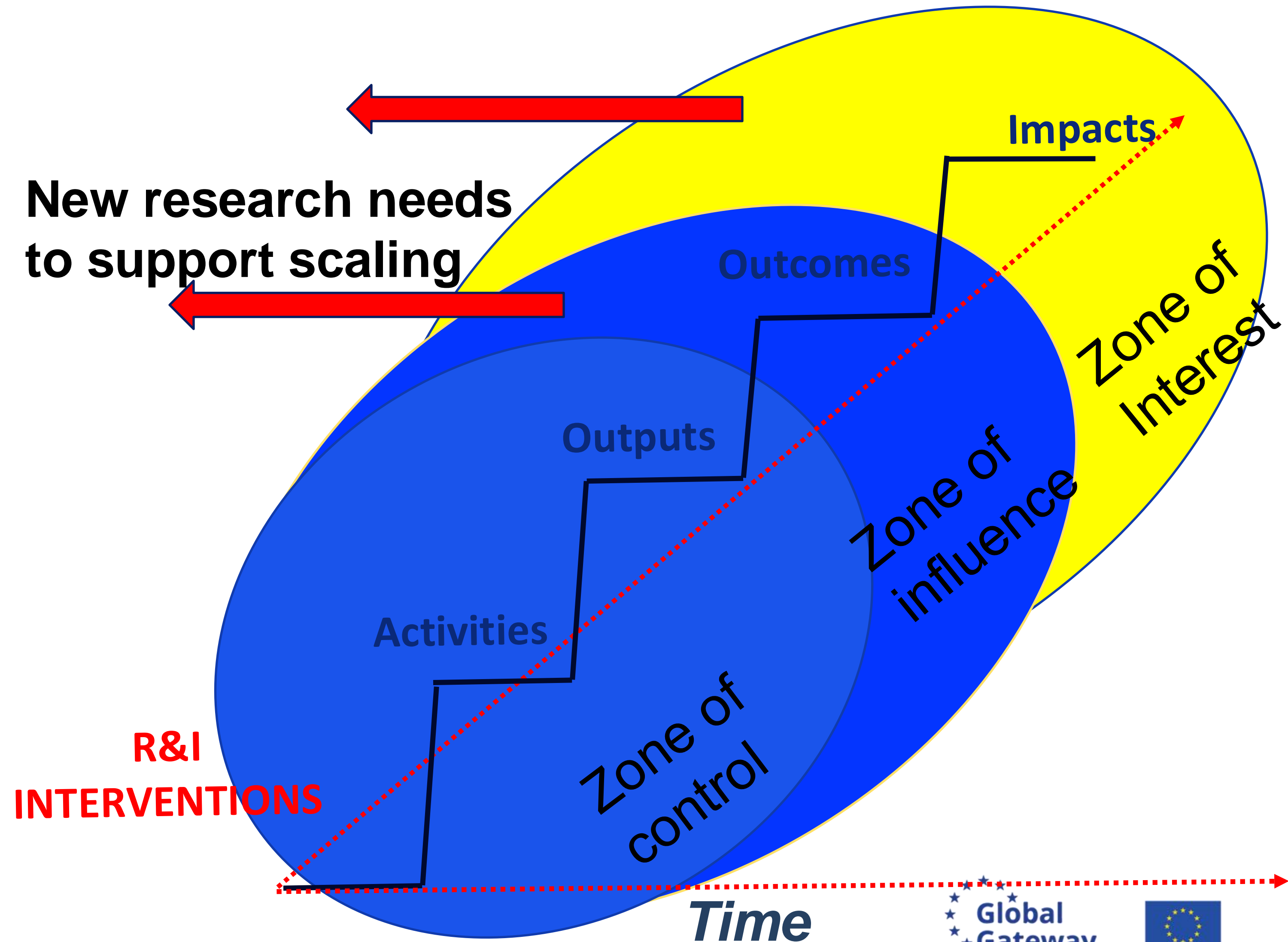
- Niche level with innovation at local level
- Innovation support service to help actors to innovate : advisory services, facilitators, incubators, innovation platforms, etc.
- National Agricultural Innovation System



The role of research to support scaling

If research plays a key rôle....

Knowledge production
Co-design of innovation
Support to actors
Capacity strengthening



Key ingredients for scaling : capacities, funding, policies

Capacities strengthening:

- capacity of actors to innovate : individual/organisation, functional/technical
- capacity of ecosystems to support innovation

DeSIRA Recommendation : Strengthening of functional and managerial capacities of innovation partners contributes to effective uptake and scaling of innovations were key to foster co-learning and co-innovation process.

Topic to be developed in the 3 break-out sessions!!

Key ingredients for scaling : capacities, funding, policies

Private and public funding mechanisms:

- different type of funding at different level of the innovation process (seed money, risk investment, traditional credit)
- Access to market to generate added value

DeSIRA recommendation : Access to a diversity of public and private finance to support innovation at different phase of development was missing to support the scaling efforts of many DeSIRA projects.

Topic to be developed in the 3 break-out sessions!!

Key ingredients for scaling : capacities, funding, policies

Policies for innovation at scale

priorities, norms, taxation, subsidies, innovative mechanisms to support R&I, de-risking mechanisms

DeSIRA Recommendation: Policy built on evidence may shape an enabling environment for innovation. In fact, researchers and their partners require improved collective capacities to actively and effectively participate in science-policy interfaces.

Topic to be developed in the 3 break-out sessions!!

Thank you!

<Add your contact details and
logos here>