



INITIATIVE ON
Low-Emission
Food Systems

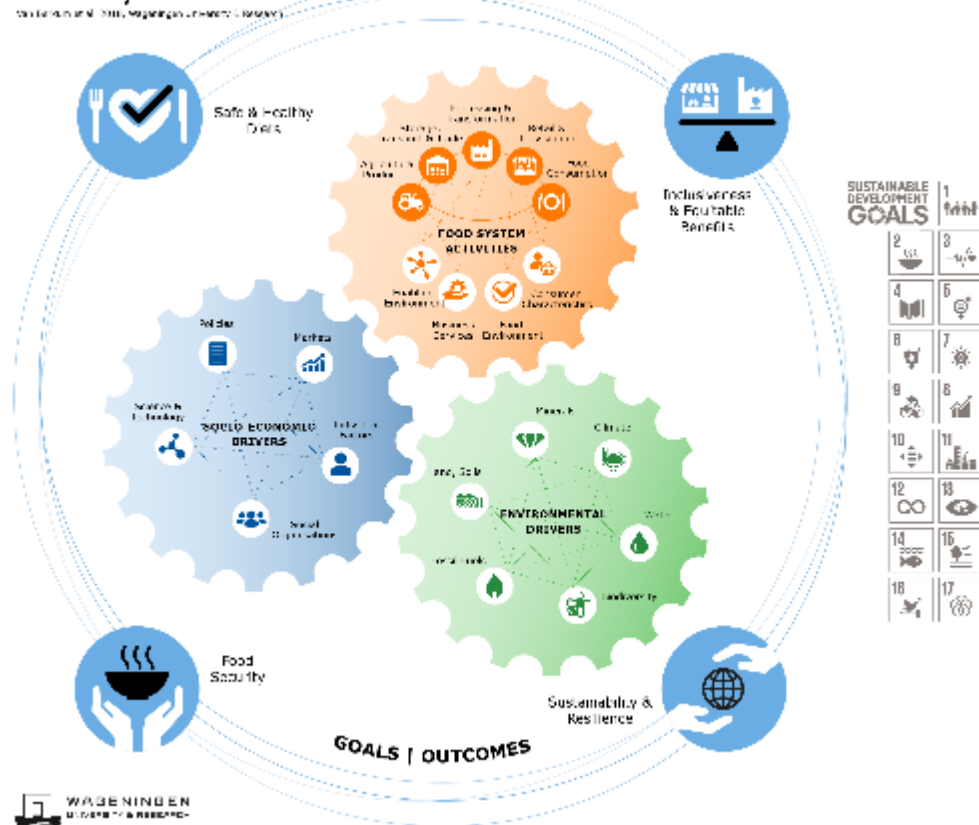
A Conceptual framework of living labs for people: Fostering innovations for low-emissions food systems and social equity

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Where and how do we find solutions for food systems transformation?

Food systems framework



Source: Wageningen University

Food System Components, Processes, and Activities



Source: International Institute for Sustainable Development

What are living labs?

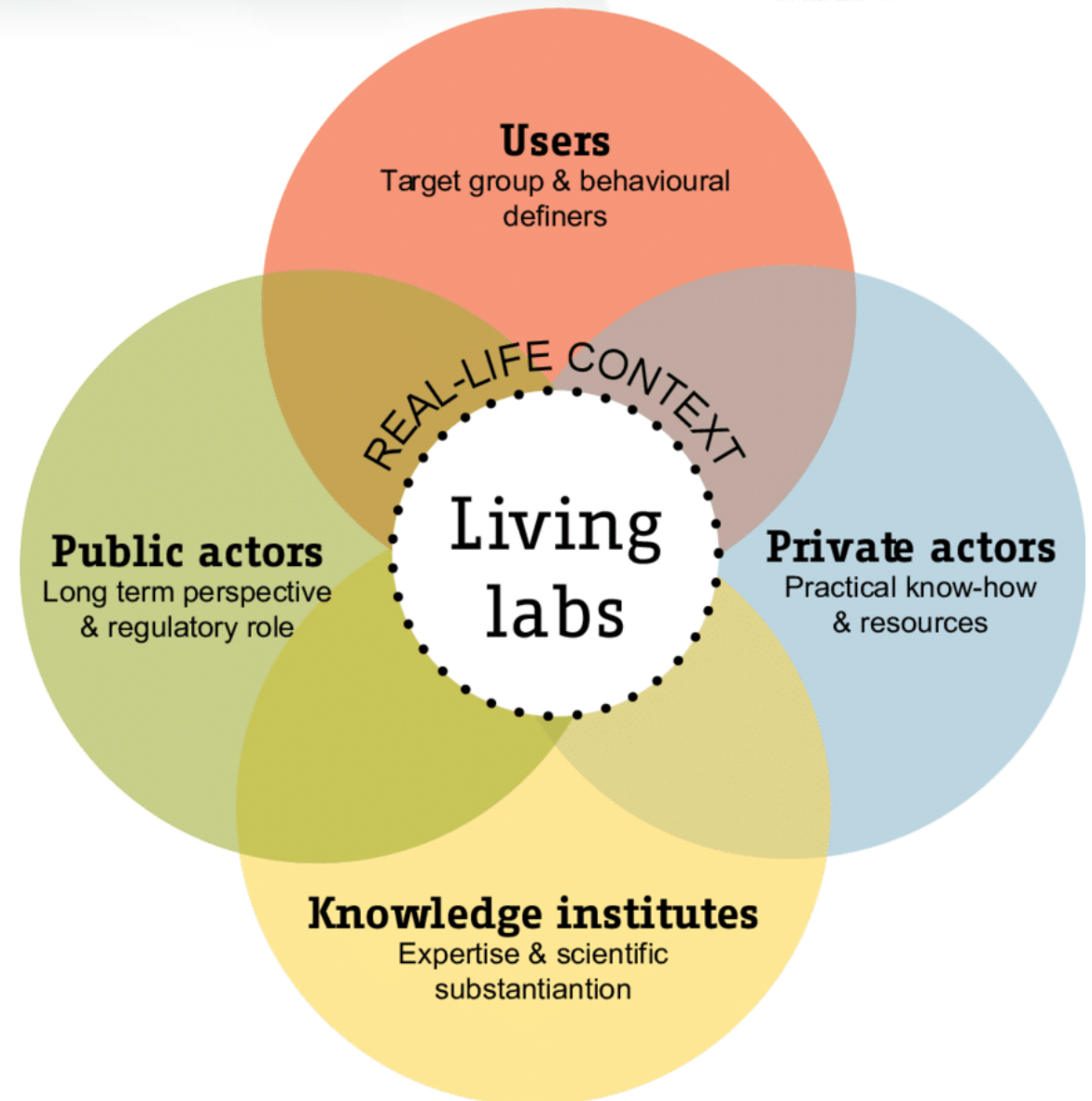
Open innovation approach of co-creation by centering “users” within everyday environments or “real world settings”

The European Living Labs movement

Multiple approaches for “participants”

Diversity in interpretation and implementation of the concept

Multi-stakeholder, multi-sectoral collaboration for systematic innovation



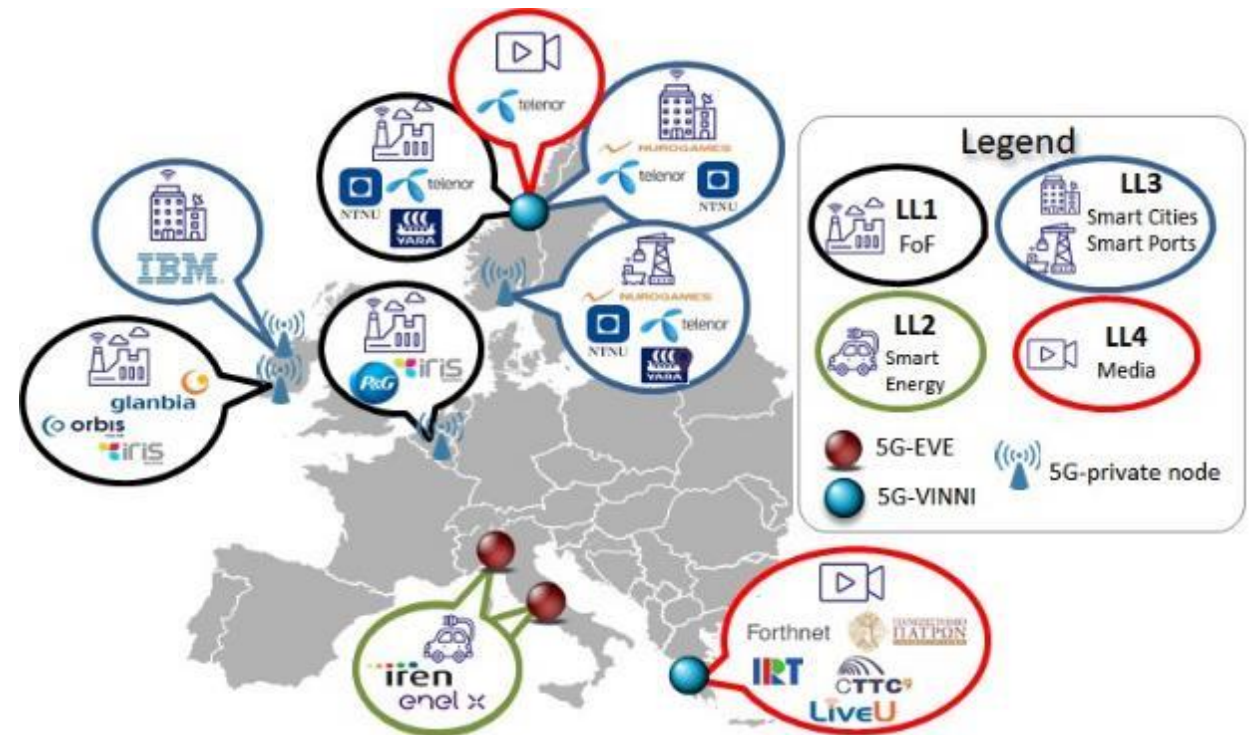
Some gaps in Living Labs

Eurocentric

Urban bias

Relatively new to agricultural and food systems innovation

Lack of justice focus, considering power for innovation



5G Solutions Project

The Living Lab for People (LL4P)

an **inclusive and diverse space** for **people** to co-design, test, demonstrate and advance **their** socio-technical innovations and associated modes of governance **within a facilitated organizational structure.**

Context is key!

Where we are working

Colombia: Cacao producers and livestock, including an all-female cooperative

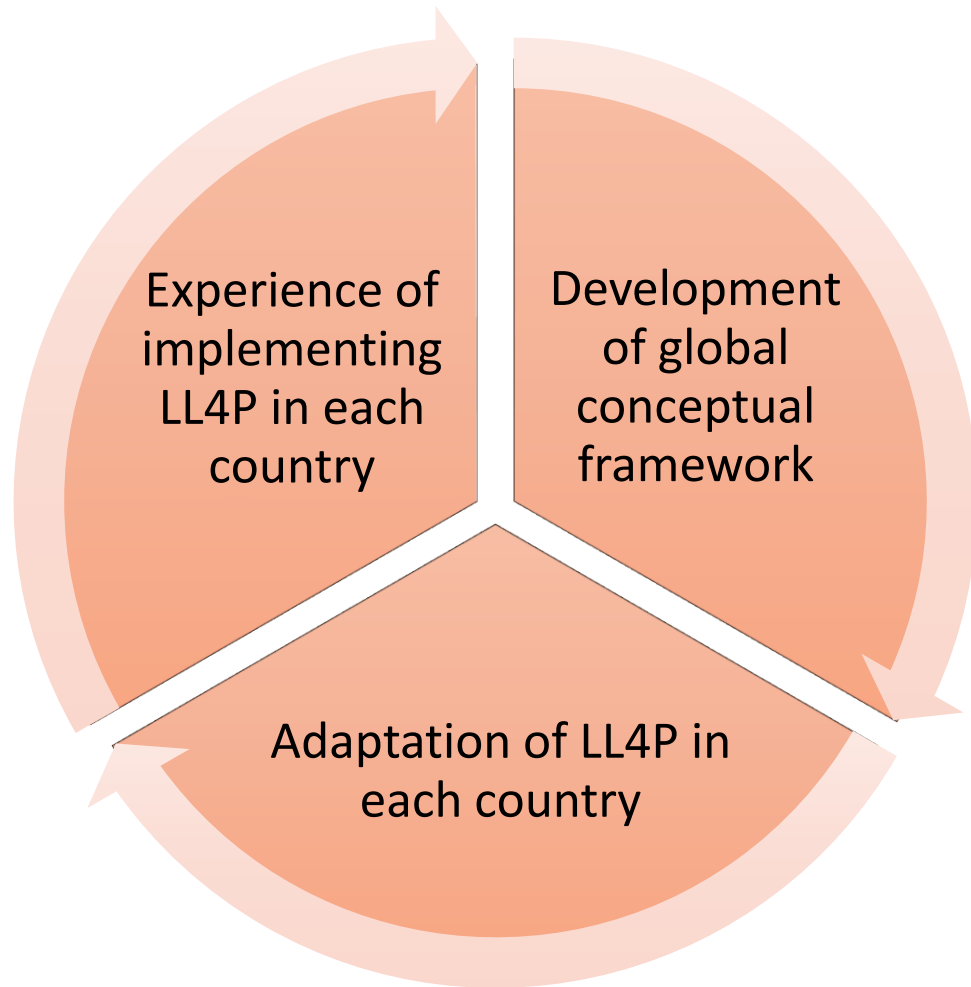
Kenya: Food systems in Nandi County

Vietnam: Multistakeholder Platforms with forestry and rice sectors

China: Modernization of dairy sector, Qingshan “future village”



Collaborative multi-country approach



To support countries in meeting their **emissions reductions objectives** through transformative food systems change, without compromising **food security** and while **delivering environmental, social, and economic co-benefits**.

Principles for LL4P

- Gender and social inclusion
- Co-production of knowledge
- Benefits/motivation to participants of the LL4P
- Co-benefits contributing to SDGs (esp.: low emission food system development)
- Sustainable and supportive governance (MSP, locally-driven)



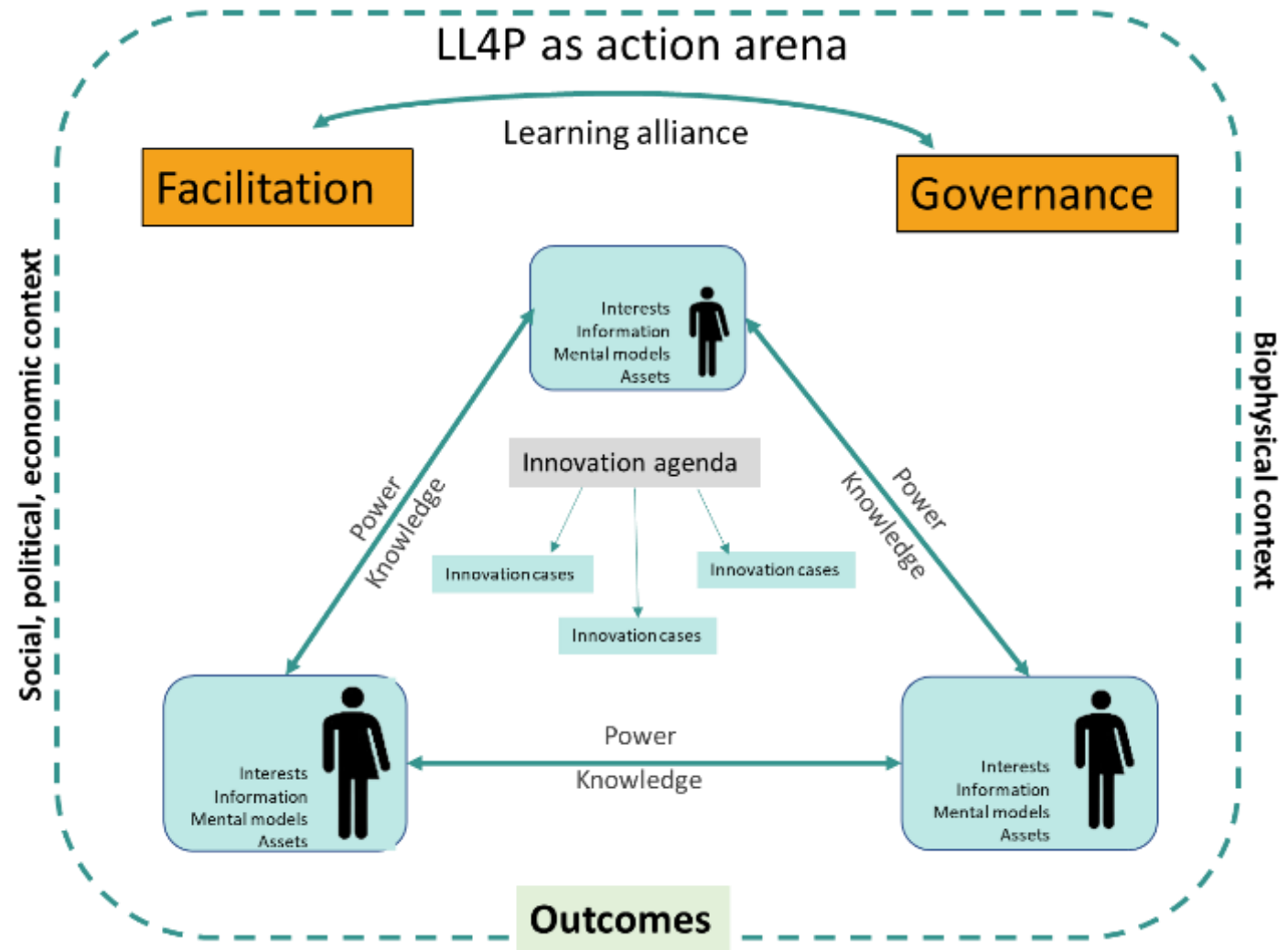
A conceptual framework for LLs supporting food system transformations

Disentangling key elements of LL...

1) helps in design of LLs,

2) helps identifying how normative principles can be addressed

3) supports learning from experiences of LLs.





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