

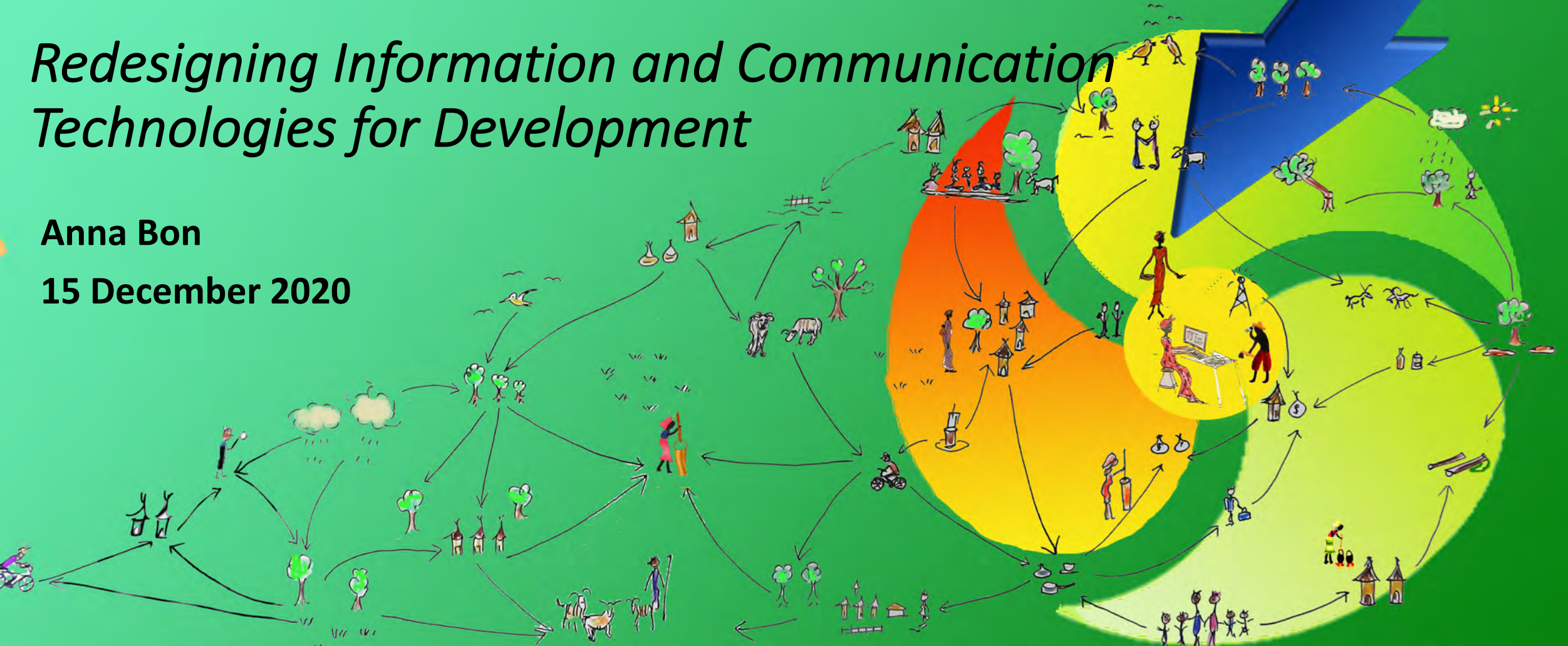
# Intervention or Collaboration?



## *Redesigning Information and Communication Technologies for Development*

Anna Bon

15 December 2020



# ICT4D: What are local stakeholders' objectives?



# The approach and method should meet these two criteria:

- Be capable of responding to the *complexity* of the local context.
- Be *inclusive*, ethical and respectful for human values.

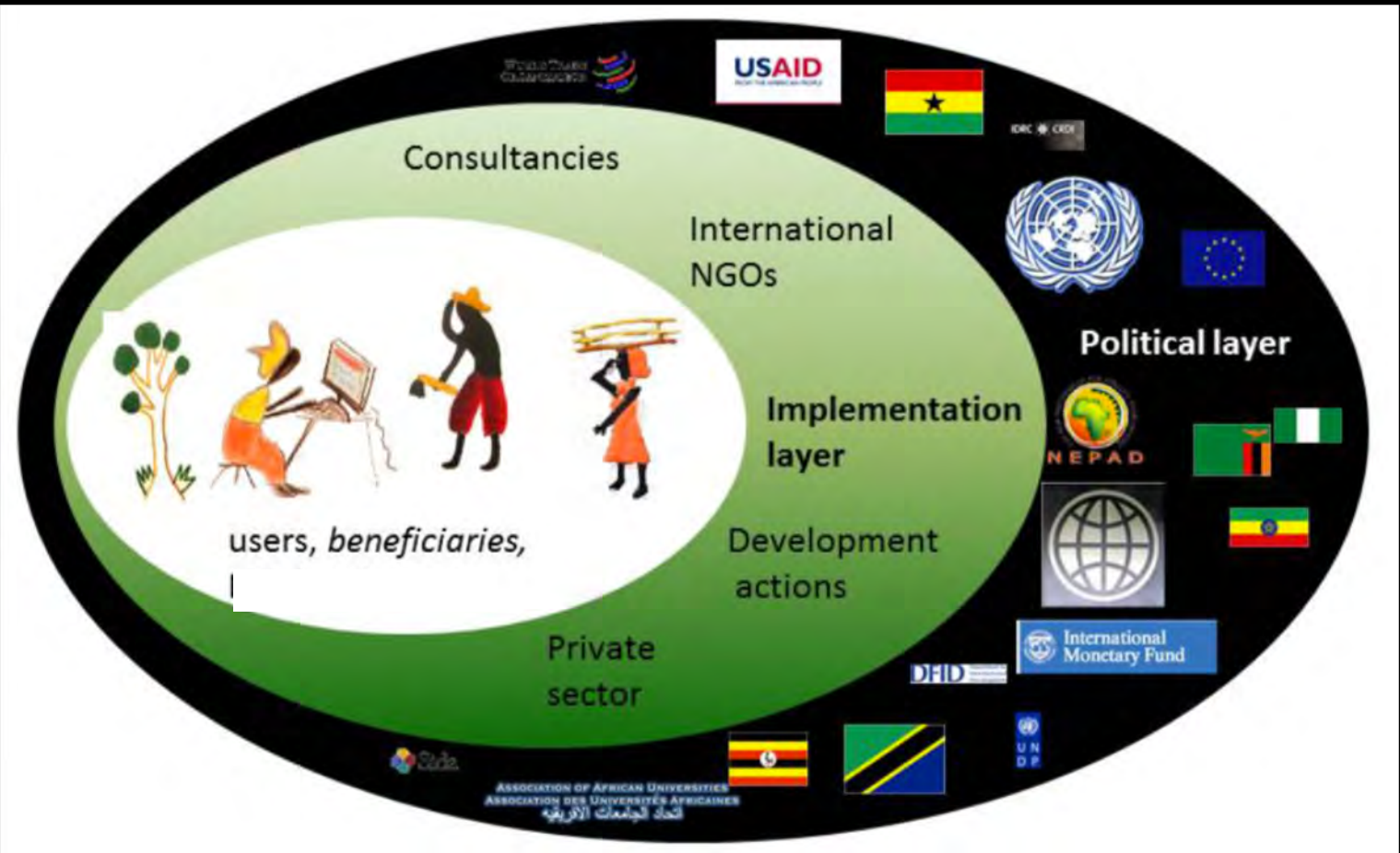
We named this research “ICT4D”

# ICT4D, International Development and the Sustainable Development Goals

e.g. No. 9c : “Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020.”

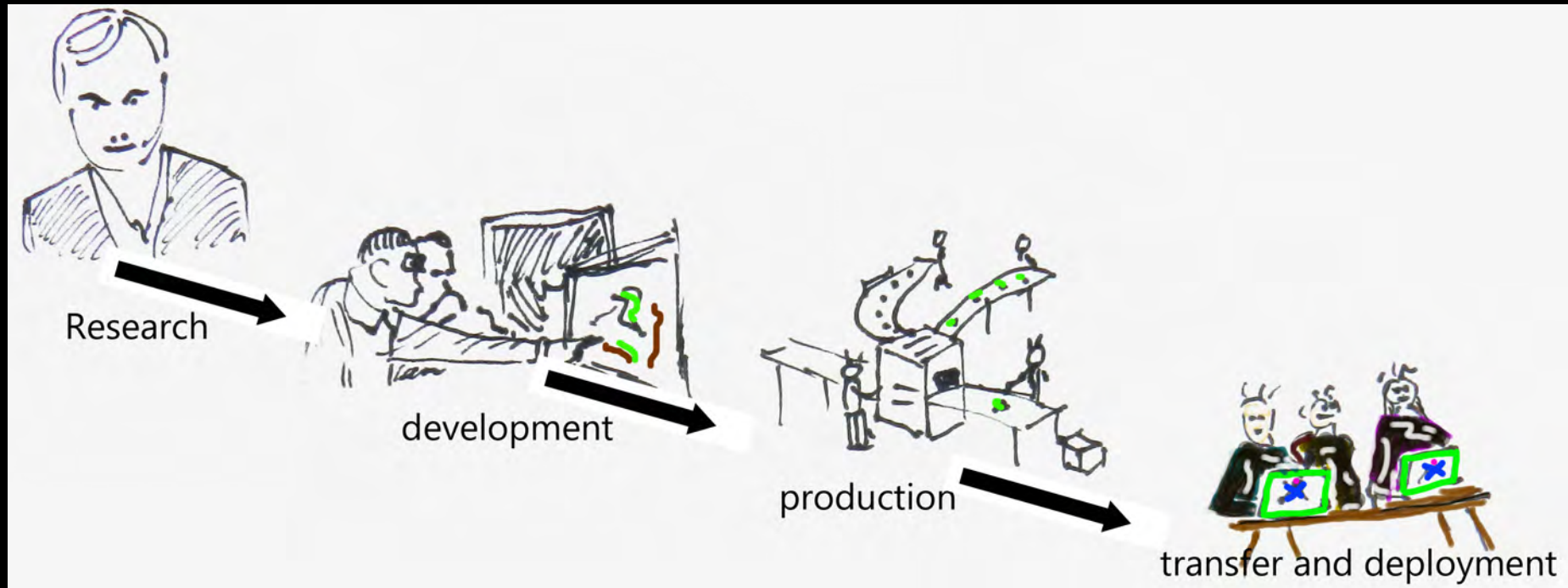


# How is ICT4D organized in International Development?

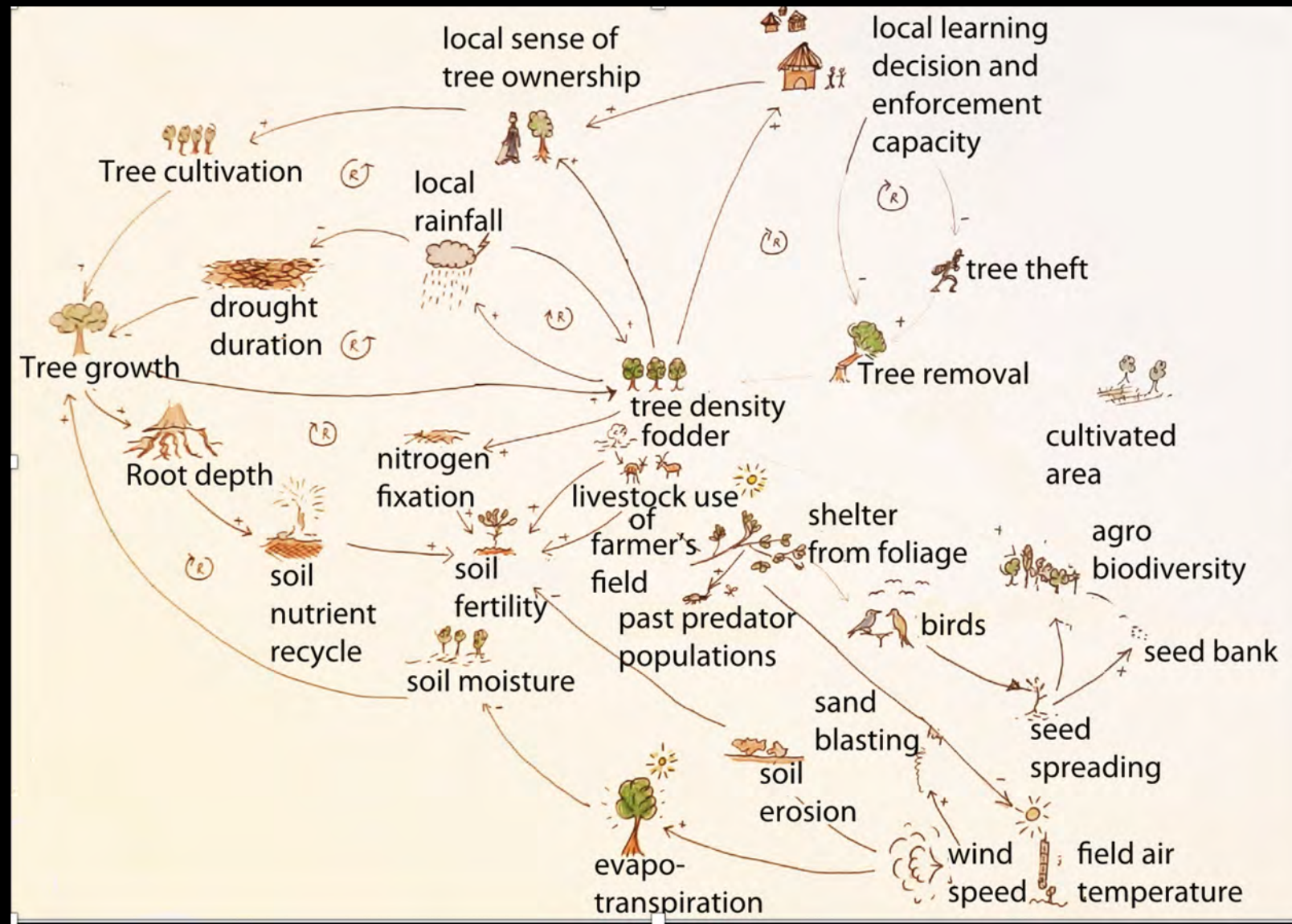


LOGICAL FRAMEWORK MATRIX			
Narrative Summary	Verifiable Indicators (OVI)	Means of Verification (MOV)	Important Assumptions
GOAL			
PURPOSE			
OUTPUTS			
ACTIVITIES	Inputs	Here an example of a Logical Framework, commonly used For planning and management of Development project.... This is an example of Linear management. In principle it is opposite to adaptive management, which is much more flexible and Open-ended.	

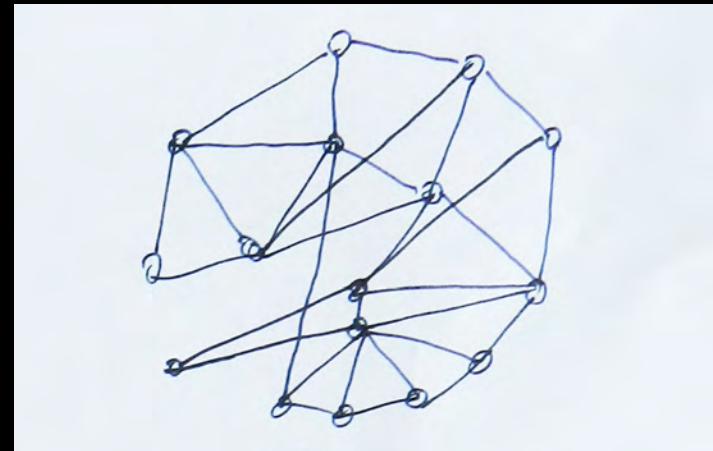
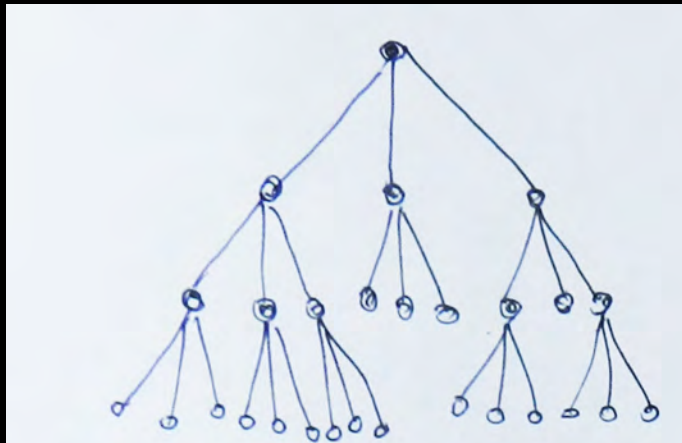
# Linear innovation, linear interventions, cause-effect logic



Model adapted after  
Sendzimir et al. 2012

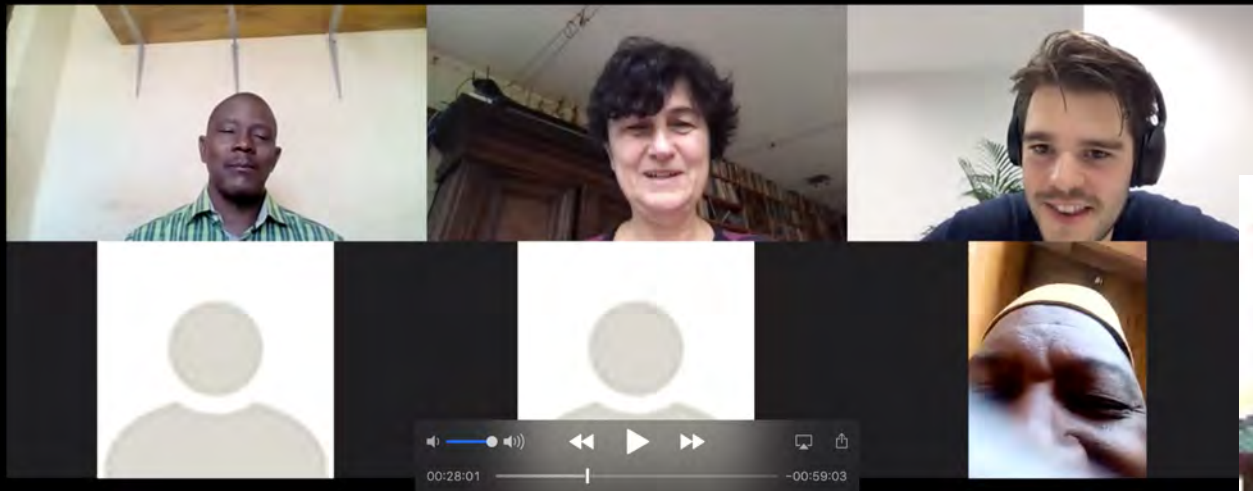


# Innovation: a networked process



**Which type of organization is most prepared to innovate and tackle complex problems?**

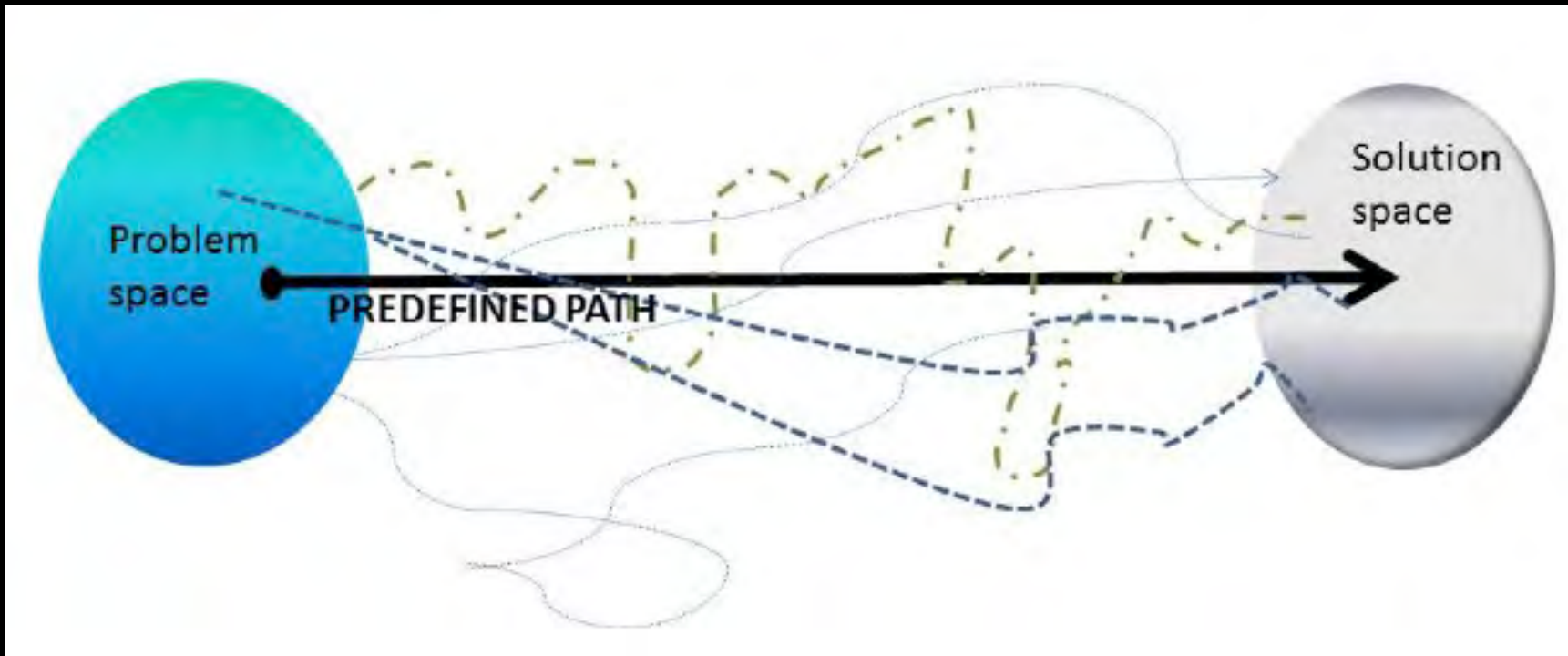
# How to address complexity?



Innovation: a networked process of knowledge exchange



# A non-linear approach asks for a adaptive, collaborative approach



In stead of taking the predefined path, the process is explorative, iterative and open-ended. Led by the needs of local stakeholders in the rural areas, and guided by their own ideas. This is true co-creation. Not implementation of externally defined goals.

# How to enlarge a perspective?

*“Trop chercher un chameau,  
on peut pas voir un cabri”*

From: Amadou Tangara



Honoré Daumier (1858):  
M. Babinet prévenu par sa portière

# How to know the goals, workflows, context and problems of local stakeholders? How to innovate and co-create?



W4RA team and researchers from the University for Development Studies, Ghana held a Living Lab workshop in the rural community of Guabuliga, Northern Ghana



## Web alliance for greening in Africa

Services, especially mobile ones, have the potential to play a major role in helping social and rural development in emerging economies. Market penetration and rural community adoption of basic telephony and services have been

## Apps for Food Security in Mali – W4RA and AOPP team up

From 9 to 14 October 2015, W4RA team visited Mali, to kick-start a new research project to support farmers to improve resilience and food security. This project,



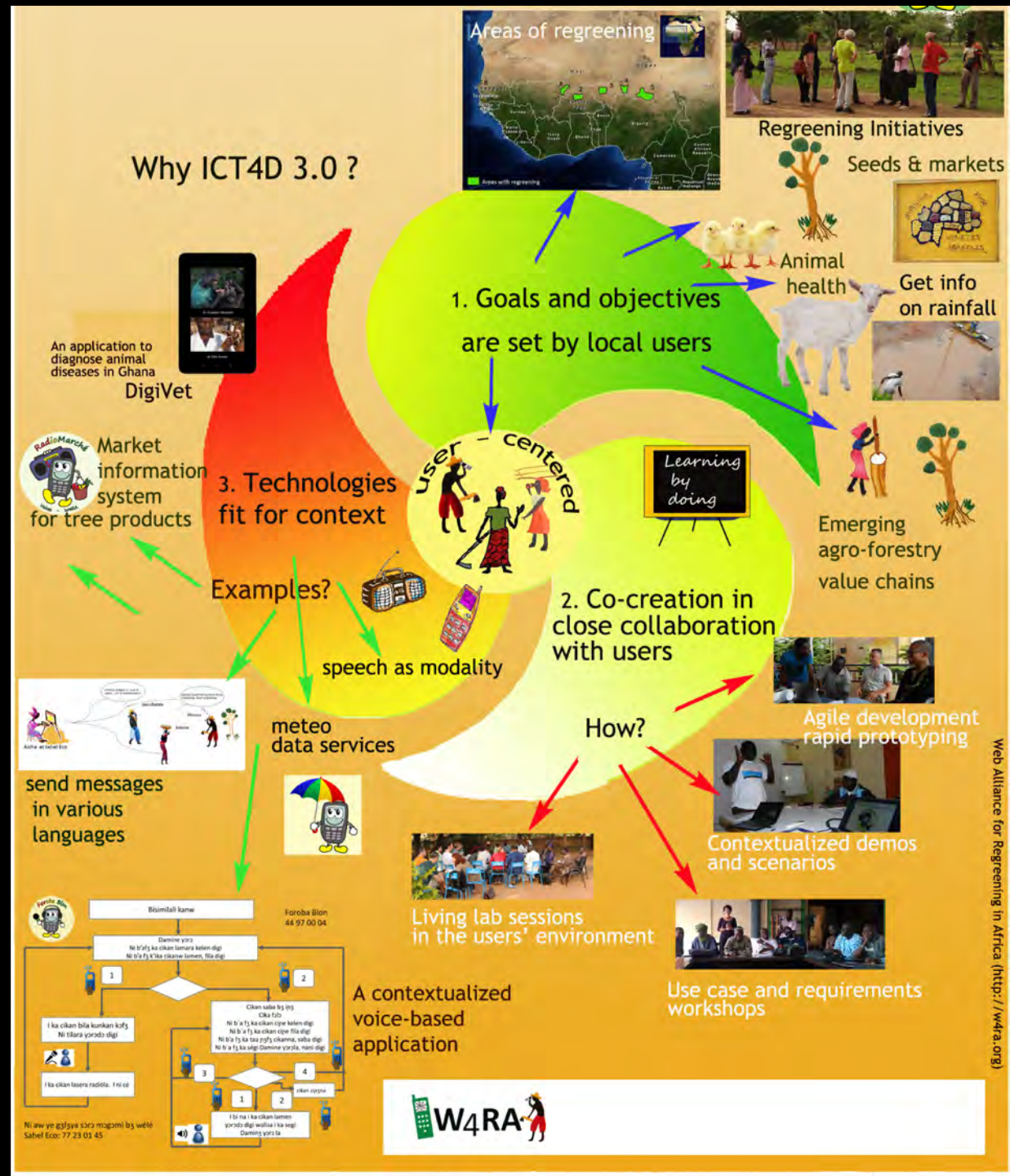
[Read more](#)

Living Lab workshop in Guabuliga, Ghana, by W4RA and UDS researchers

# The proposed approach and framework for ICT4D 3.0 :

## Does it meet the criteria?

- fit for complexity?
- inclusiveness?



# Beyond the practical level

- The *ethics* in ICT4D must be addressed, also at the policy level.
- *Collaboration* is a fundamental human value and relates to inclusiveness, emancipation, democracy, autonomy, local agency.
  - Inform policy, engage in the Development Debate

The background is an abstract composition of numerous thin, parallel lines in various shades of green, yellow, and orange, creating a textured, brushstroke-like effect. The lines are oriented diagonally, running from the top-left towards the bottom-right. The colors are layered, with green being the most prominent, followed by yellow and orange, and some darker green and blue lines interspersed.

**Thank you !**