

# Using participatory methods to promote agroforestry in the Netherlands and the United Kingdom

**Presenter:** Marlinde Koopmans<sup>1</sup>

**Co-authors:** Paul J. Burgess<sup>2</sup>, Andrew Dawson<sup>3</sup>, Michail Giannitsopoulos<sup>2</sup>, Anil Graves<sup>2</sup>, Daniël de Jong<sup>3</sup>

<sup>1</sup>: ILVO (Flanders Research Institute for Agriculture, Fisheries and Food), Bus 2 9820 Merelbeke, Belgium

<sup>2</sup>: Cranfield University, Cranfield, Bedfordshire, UK

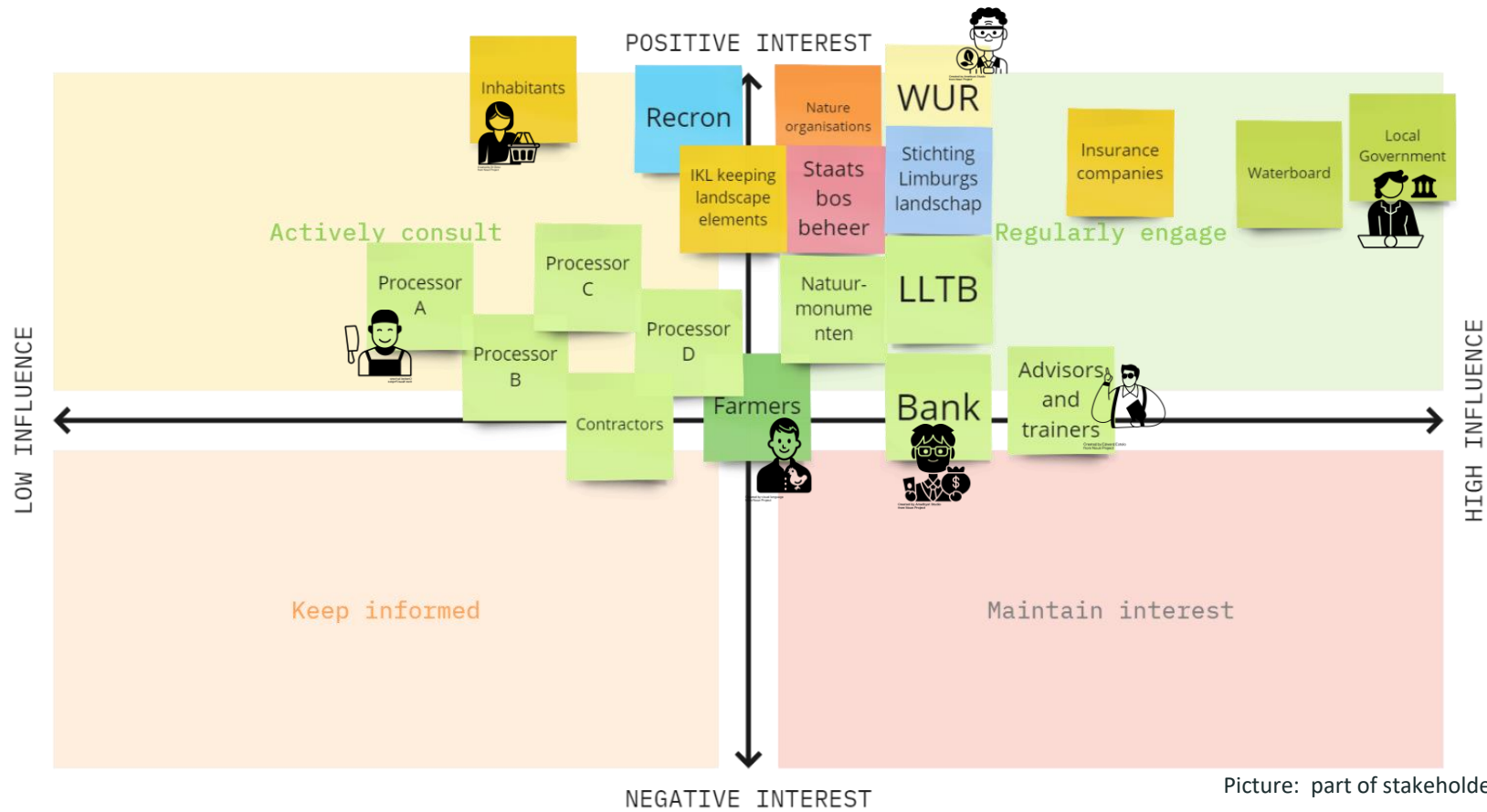
<sup>3</sup>: Wageningen University, Wageningen, The Netherlands



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# Transition involves cooperation of range of stakeholders



Picture: part of stakeholder analysis of Winthagen

# Participatory design approach

Design approach based on:  
Reflexive Interactive Design (RIO) method

THINKING: System and actor analysis  
DESIGNING: Structured design  
ACTING: Anchoring

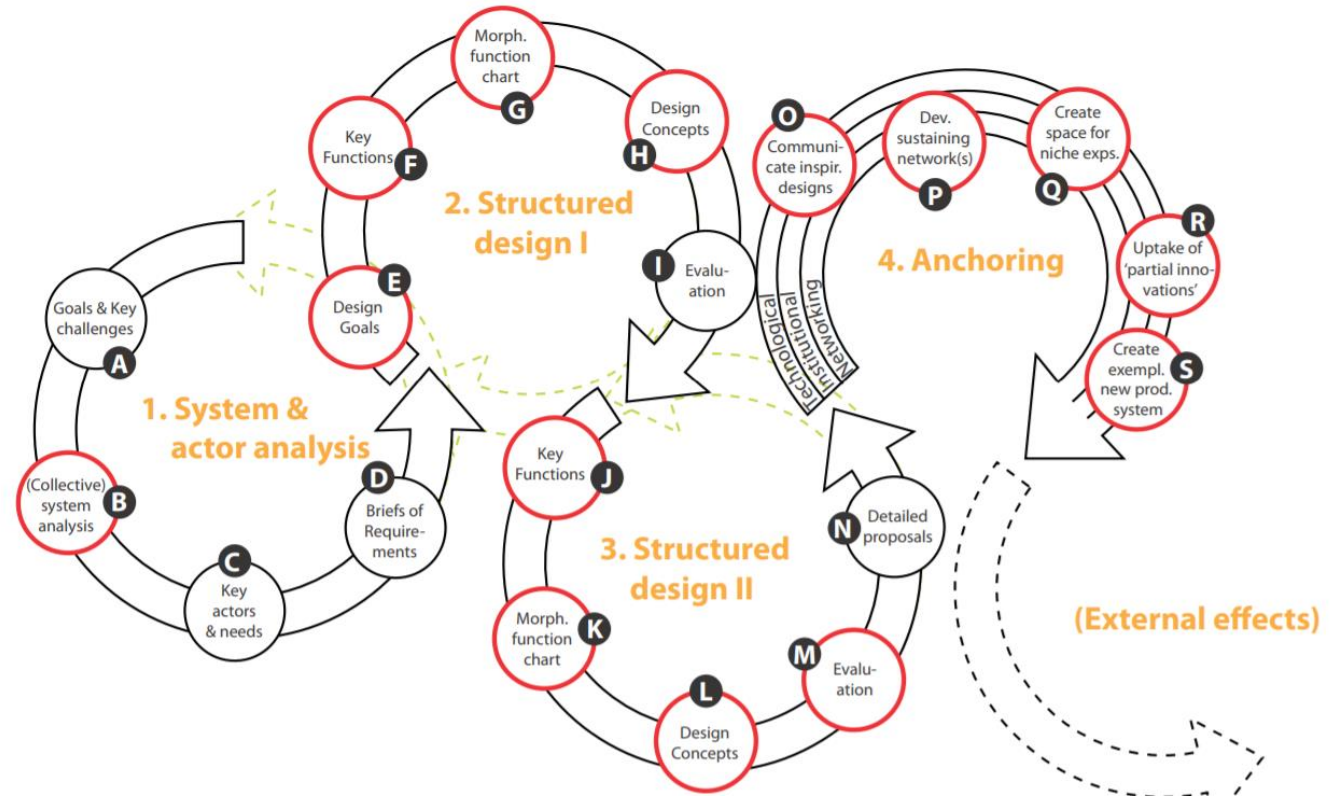


Figure from Bos et al., 2009

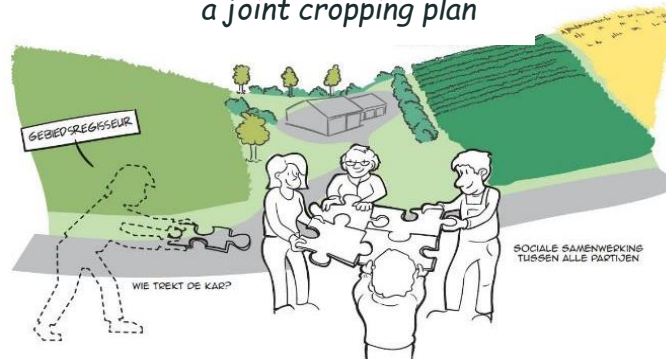
# Pilot: Winthagen (NL)

## Goal

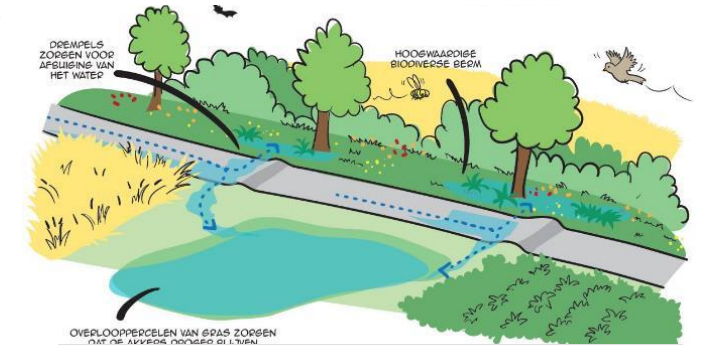
To support adaption to climate change, strengthen biodiversity, improve water management, landscape aesthetics, and living quality, and at the same time ensure economically viability in the region

## Outcome

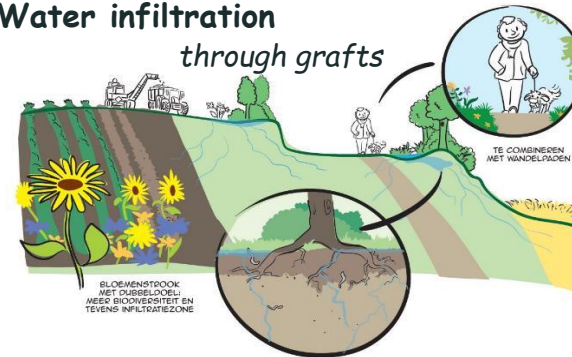
Cultivation and rotation:  
a joint cropping plan



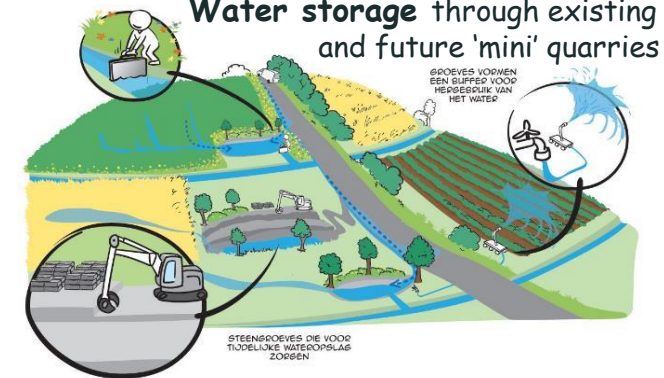
Landscape infrastructure with improvement of road and roadside infrastructure



Water infiltration through grafts



Water storage through existing and future 'mini' quarries



# Pilot: Marston Vale (UK)

## Goal

To understand the net level of greenhouse gas (GHG) emissions at farmlevel, and how to achieve net zero carbon emissions

## Outcome

Working with the immediate challenges identified by farmers has led to conversations about the increased integration of trees on farms. One farmer also planted substantial new areas of trees on their farm



# What have we learned?

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- Participatory design is a valuable and engaging approach to support development based on the needs of the participants
- Encourages shared understanding of different perspectives of stakeholders
- The design approach stimulates out of the box thinking



Photo: annual pig grazing, pilot in France (ITAB)

# Recommendations

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- Need for good inspiring and practical examples
- Need a locally based facilitator of the design process to foster network development and ownership
- Regular engagement and exchange between stakeholders is important (e.g. field visits, informal exchange, ...)

*Time:* aiming for change is a long term proces. Issue for funding and project context?

*Scale:* Is it suitable or an added value at every scale?

*Financing:* Need to fund participation of farmers



Photo: Integrate agricultural production within the existing pines, pilot in Portugal (MVArc)



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## Discussion

- **Is participatory design valuable? When, why and why not?**
- **How to move from design to implementation?**





# Thank you

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Correspondence address: [Marlinde.Koopmans@ilvo.vlaanderen.be](mailto:Marlinde.Koopmans@ilvo.vlaanderen.be)

Reference: Bos, A. P., Koerkamp, P. G., Gosselink, J. M. J., & Bokma, S. (2009).  
Reflexive interactive design and its application in a project on sustainable dairy husbandry systems.  
Outlook on AGRICULTURE, 38(2), 137-145.



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