Knowledge exchange WUR, Aarhus University & ILVO

ILVO, Merelbeke/Hansbeke, 29 September 2022







WUR Agrosystems Research











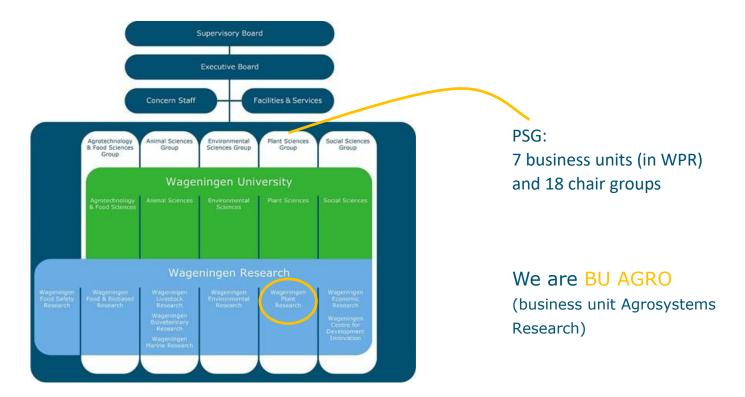


Agroecology and agroforestry within BU AGRO

ILVO 29 September 2022

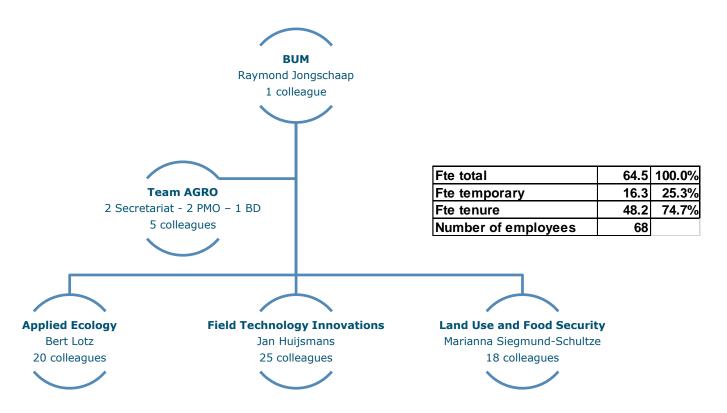


Structure of WUR – where to find us



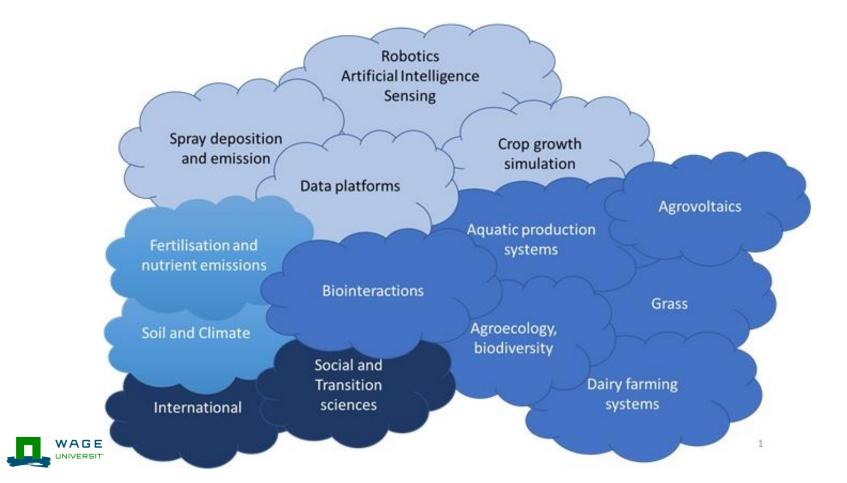


AGRO line organisation in teams





The Brains of AGRO: Dynamic Expertise Groups



Check in for LUF

Portfolio of the Land Use and Food Security team at AGRO (as of Sep 2022)



Clients

- ☐ KB & BO (LNV, BuZa, EZ, ..)
- ☐ TKI & PPS
- ☐ RVO
- WUR (internal)
- Foundations
- ☐ Agrarian collectives
- European Commission
- ☐ Embassies
- Nuffic (OKP)
- **■** NWO
- Agribusiness sector
- ☐ Provinces

Themes

☐ Crop productivity

- ☐ Nutrients, production, diets
- ☐ Climate change adaptation
- ☐ Grassland
 - ☐ Yield gap
 - ☐ Biodiverse, ecosystem services
- Cross-sectoral fields
 - ☐ Green care, well-being, health, consumers-producers, agroforestry
 - ☐ Crop-energy nexus
- ☐ Integrative approaches & transition
 - $lue{}$ Regenerative, inclusive food systems
 - Agroecology

Dynamic Expertise Groups

- International projects
- Grassland
- Agroecology & Biodiversity
- ❖ Social research
- Agrivoltaics
- Climate & Soil

Methods

Learning and

transforming

- ☐ Farming systems research
- ☐ Food systems approach
- Quantitative modelling
- ☐ Surveys & interviews
- Experiments
- ☐ Literature review
- ☐ Regenerative development
- ☐ Living Labs
- ☐ Participatory research
- Indicators
- ☐ Sustainability assessment
- ☐ GIS
- ☐ Life Cycle Analysis
- ☐ Scenario building
- ☐ Causal loop diagramming
- ☐ Training (capacity building)

Locations—projects 2022

- Netherlands
- Europe
- East Africa
 - Ethiopia
 - ☐ Kenya
 - Uganda
- ☐ South (East) Asia
 - Indonesia
 - Vietnam
- ☐ South America
 - Peru
 - Bolivia
 - Brazil
 - Uruguay
 - Argentina

Examples of AGRO projects related to agroforestry and agroecology: current and pipeline

- AE4EU
- EU4Advice
- SoilValues
- Transition to a sustainable food system
- PPP regenerative farming
- PPP nice blooming healthy cows
- SENSE: Synergies in integrated [silvo-pastoral] systems
- Ossekampen grassland long-term experiment
- REFOOTURE: living labs for regenerative, inclusive food systems
- Re-Gen-L, NGF Proposal Regenerative Agriculture
- Knowledge Network Agroecology: connecting farmers and researchers



Projects/acquisition Silvopasture

Setting a research agenda Finding appropriate calls Linking pioneers in North-Western Europe



