

Session 2 speaker

Jan Broeze



April 7-8th 2025 | Beijing

Innovation in high-value products from agri-food residues

Early assessment of potential valorization pathways of agri-residues and associated environmental impacts

Alongside fellow speakers Gang Li and Miguel Mauricio, Jan will present a methodology that – based on compositional information of a residue stream – estimates yields to common products (e.g. yield to food via feed) and novel products like proteins or biopolymers.



Jan Broeze does quantitative applied research in agri-food production and supply chains. He focuses on analyzing and supporting how the effectiveness of supply chains can be optimized.

Research subject highlights include:

- **Circularity assessment:** developing quantitative tools that estimate yields of valorisation pathways and impacts.
- **Climate impact assessment:** data collection and tool development for early estimates of climate impact of food supply.

In this session, you will learn:

- How using cascading methods can significantly improve the value and sustainability of residue valorization
- How side streams that are generated in a valorisation pathway may be critical for the total impact of the valorisation pathway
- How early estimates can be helpful in decision taking about potentially interesting feedstocks or valorisation pathways



Contact



jan.broeze@wur.nl

For the further information, full event schedule and how to book your place in Beijing (or online if joining virtually), visit:

www.agriloop-project.eu/beijing_april2025/