

The role of the agro-food industry in the circular bio-economy

Hilde Muylle

Pitch perfect and boost the European bio-economy

Cross-border matchmaking & networking event

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ILVO – a partner in the circular bio-economy

- ❖ *Multidisciplinary , independent research*
- ❖ *Specialized service provision in all fields related to agriculture, fisheries and food*
- ❖ *Regional agrofood – industry*

ILVO services related to bio-economy

- *System approach in the transition to the bio-economy*
- *Sustainability analysis of the primary biomass sourcing*
- *Matchmaking biomass sources*
- *Optimizing the biomass processing*

Sustainable sourcing and use of biomass

- ❖ *System oriented analysis*
 - LCA
 - Resource efficiency of systems
 - Economic-ecological trade-offs
- ❖ *Process oriented analysis*
 - Resource efficient systems
 - Re-use/recycle principle



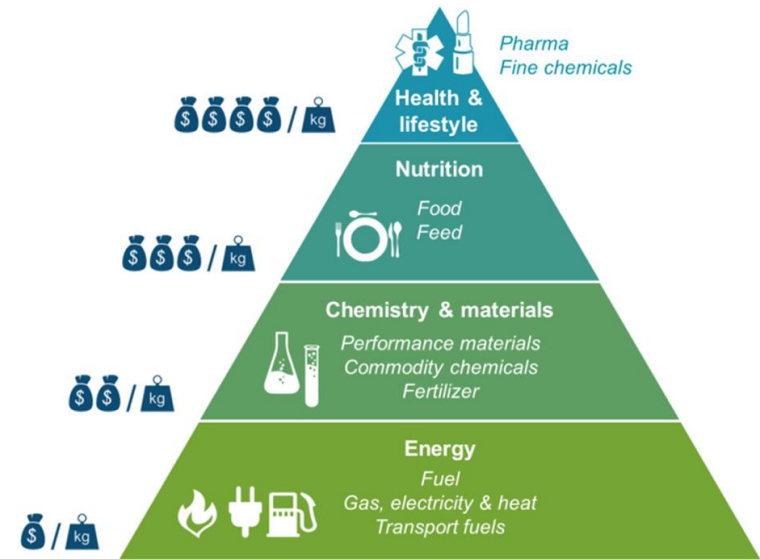
Sourcing biomass

- ❖ *Sourcing :*
 - *new crops*
 - *blue economy, insects*
 - *side streams*
- ❖ *Characterisation*
- ❖ *Upscaling to pilot scale*



Optimal processing of the biomass

- *Characterization*
- *Stabilization*
- *Valorisation*



Thank you

Flanders Research Institute for
Agriculture, Fisheries and Food
Caritasstraat 39
9090 Melle – Belgium
T + 32 (0)9 272 28 64
Hilde.Muyll@ilvo.vlaanderen.be
www.ilvo.vlaanderen.be