EU CAP NETWORK

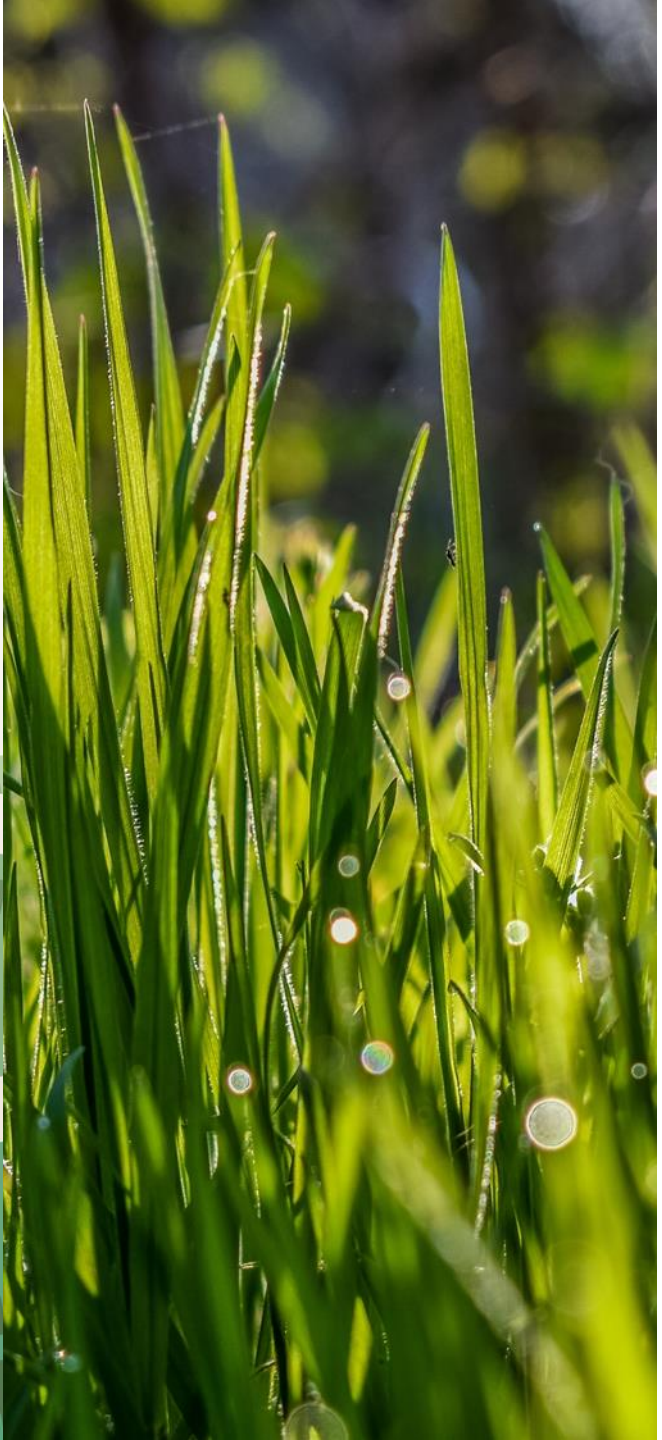
EU CAP Network Seminar 'Smart circular farming to address high energy and fertiliser prices'

6-7 December 2022
Porto| Portugal

Funded by the European Union

GO-GRASS

María Rosa
Mosquera-Losada



Grass-based circular solutions for rural agri-food value chains

María Rosa Mosquera-Losada[1], Richard Orozco[2], Uffe Jorgensen[3], Philipp Grundmann[2,4]

[1)] University of Santiago de Compostela

[2)] Leibniz Institute for Agricultural Engineering and Bioeconomy

[3)] Aarhus University

[4)] Humboldt-University Berlin

EU-GAP Network Seminar "Smart Circular Economy to cope with high energy and fertiliser prices", Porto, 6 - 7 December

This project has received funding from the European Union's Horizon 2020 research and Innovation programme under grant agreement **N°862674**.

ATB Leibniz-Institut für Agrartechnik und Bioökonomie

Background & Motivation

Source: Eurostat; EU-28 countries; 2015

Green Deal & Bioeconomy Strategy Action Plan

- **Increasing biomass use efficiency** and enhancing the **ecosystem services** provided
- **Reducing imports and dependency on fossil fuels**
- **Providing inputs for farming and biobased industries**
- **Replicating bio-based circular business models** with relatively low levels of investment, risk and technical sophistication.

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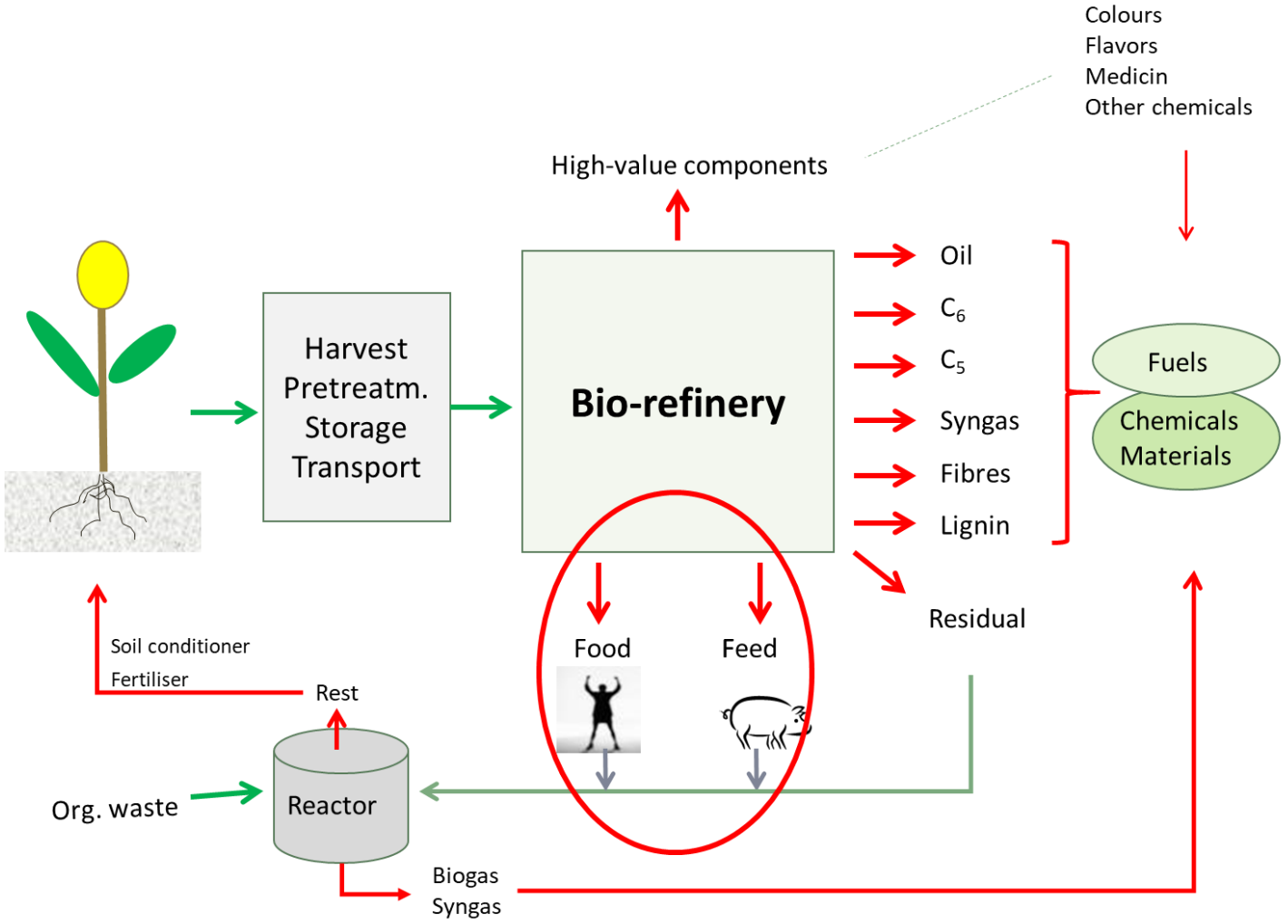
Green biorefineries as the disruptive agent for new products from rural areas

Picture: Demo-plant for green biorefinery now paving the way for market introduction



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Highly diverse demonstration sites

GO-GRASS

Biochar

Carbonisation of late-harvest grassland cuttings

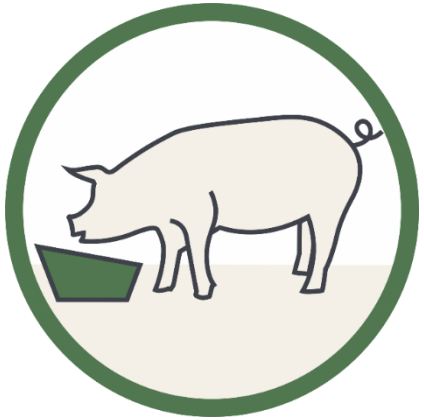
Paper & Packaging

Fiber extraction from roadside and nature conservation grasses

Bedding Material

Briquetting technology for **Reed Canary Grass**

Organic Protein



Farm-scale green biorefinery from fresh grass

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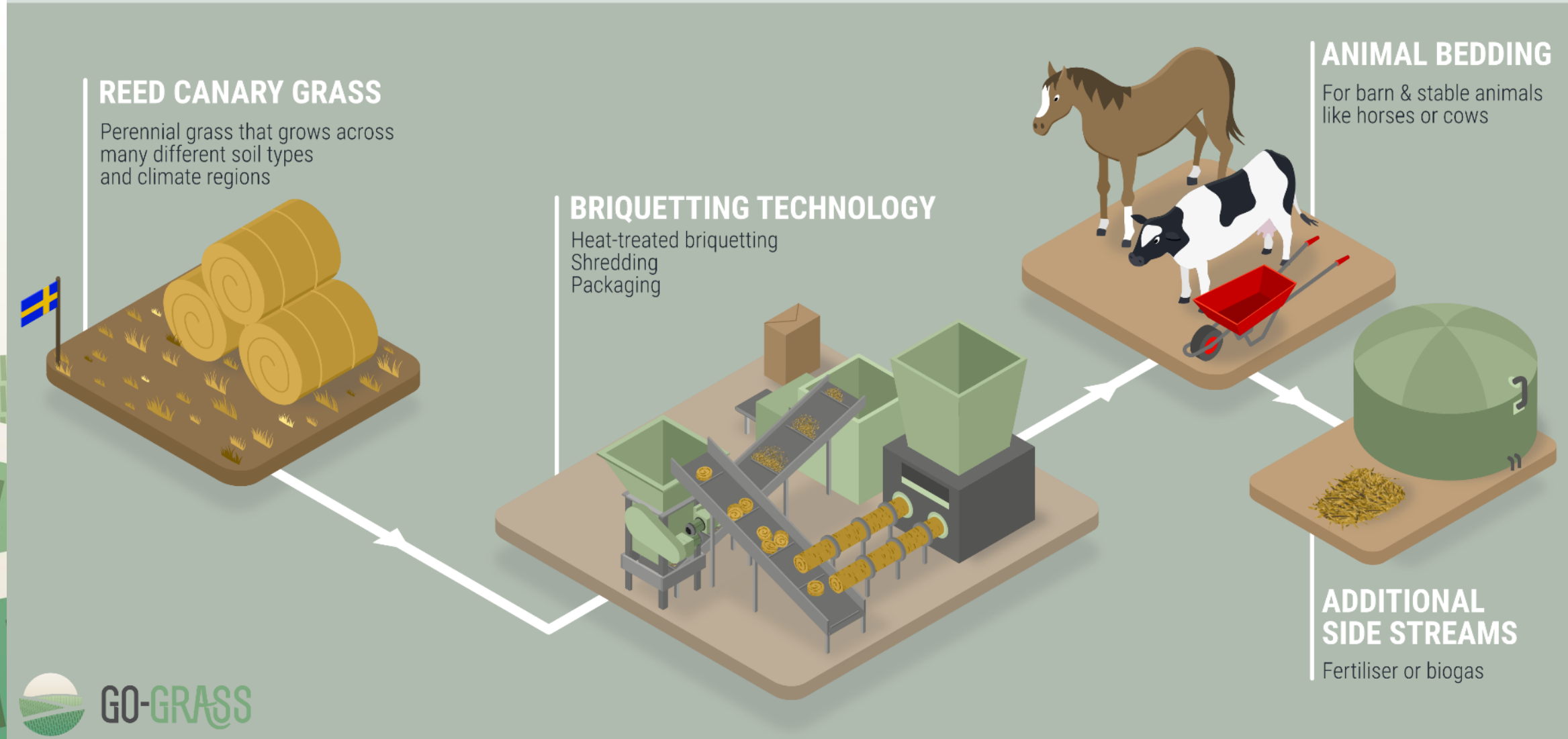
Animal bedding - farm-level production



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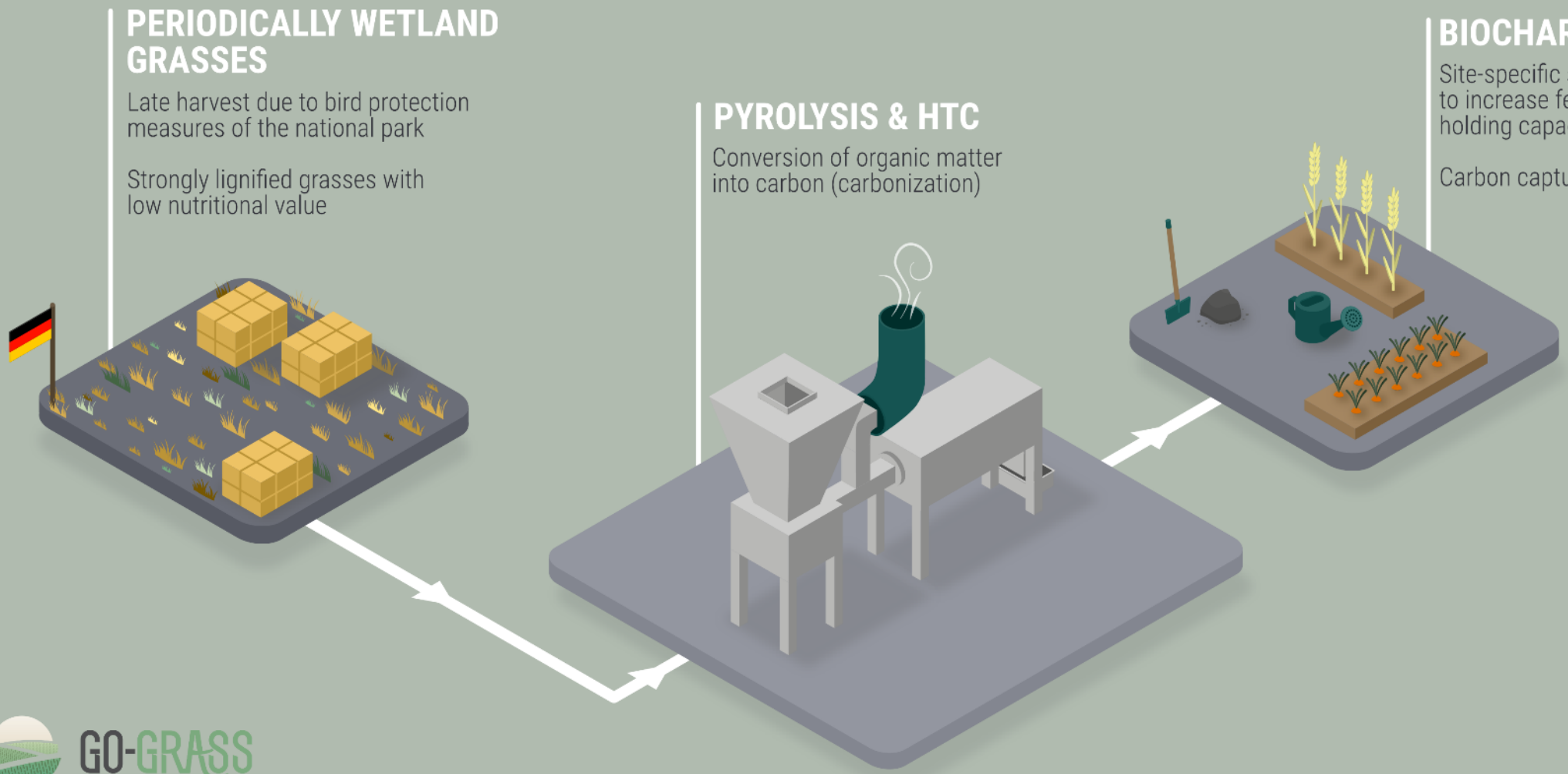
Biochar - valorising low nutrional grass



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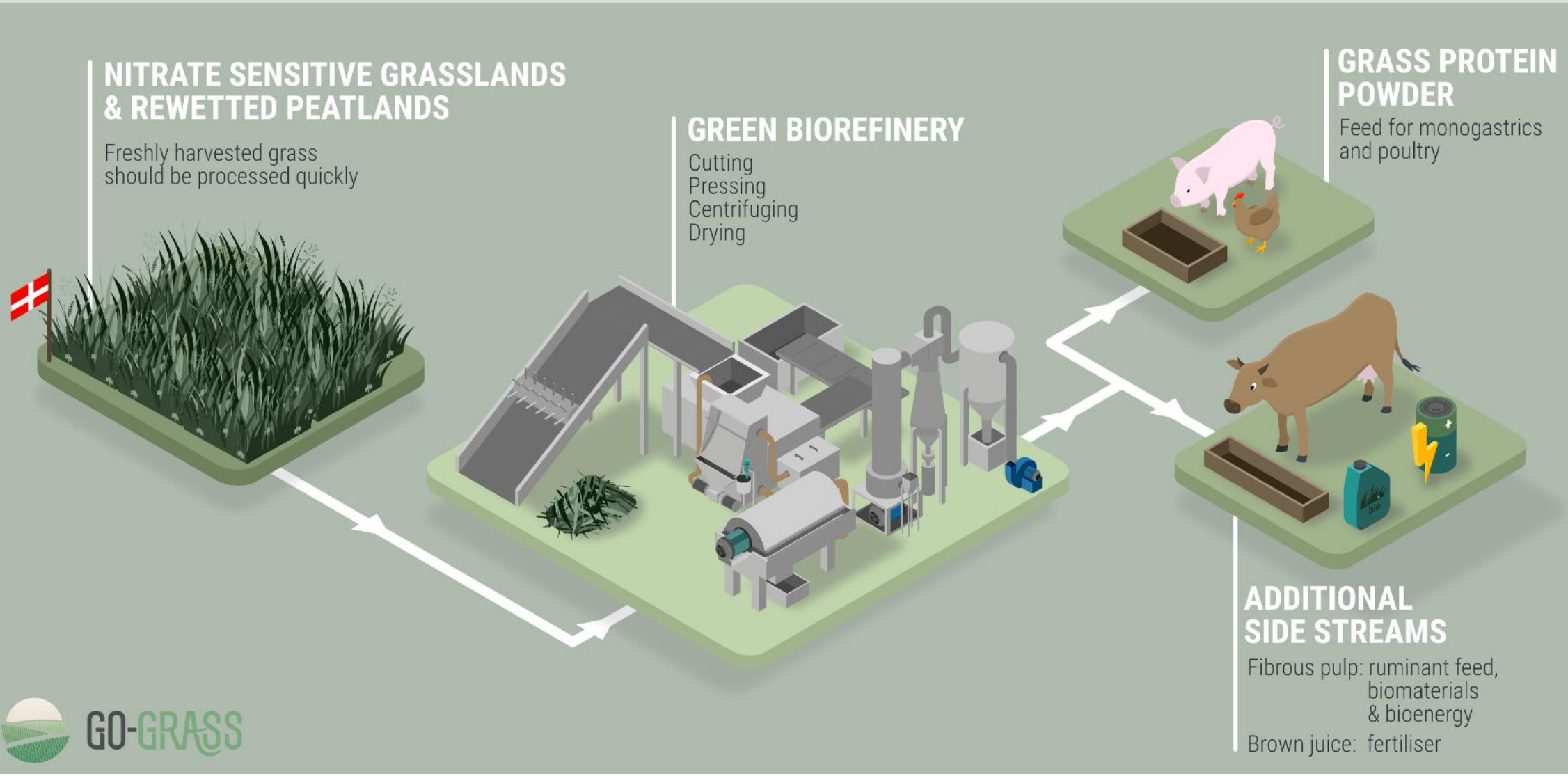
Grass protein - sustainable animal feed



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Follow our journey!

@grassEU

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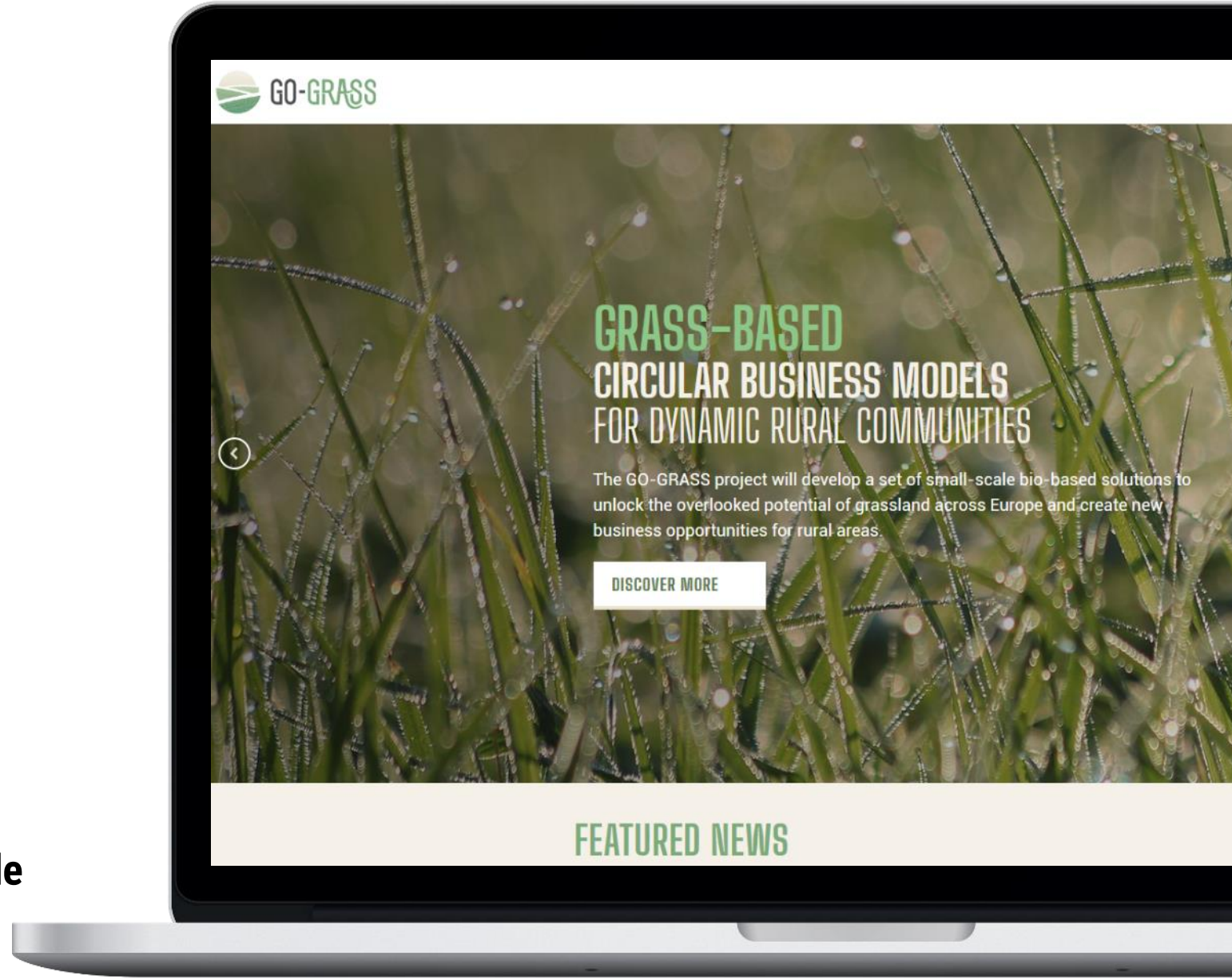
go-grass.eu

Contact:

go-grass@atb-potsdam.de



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20+ Partners

ATB Leibniz-Institut für Agrartechnik und Bioökonomie
[Project coordinator]

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