



Value4Farm

DEMONSTRATION SITES

FOCUS ON DENMARK

VALUE4FARM is a Horizon Europe Research and Innovation (R&I) project aimed at providing farmers across Europe with innovative and competitive solutions to combine renewable energy generation with sustainable food production on their land – and defossilise agriculture.

📍 Visit www.value4farm.eu and follow us on **LinkedIn** -@Value4Farm,
🎬 Check out our project presentation videos on **YouTube** -@Euroquality & @Value4Farm!

THE SITE IN A NUTSHELL

At its Danish site run by Aarhus University, Value4Farm will demonstrate a value chain adapted to local large-scale farms: vertical photovoltaic panels will be used alongside improved crop rotation to protect against the wind; a green biorefinery will enable the extraction and valorisation of proteins from crops, and a large-scale biogas facility will transform the agricultural waste into biogas/biomethane. The resulting digestate will be returned to the cropping area, supporting circular nutrient management.



1- AGRIVOLTAIC SUB-SYSTEM



2- GREEN BIOREFINERY SUB-SYSTEM

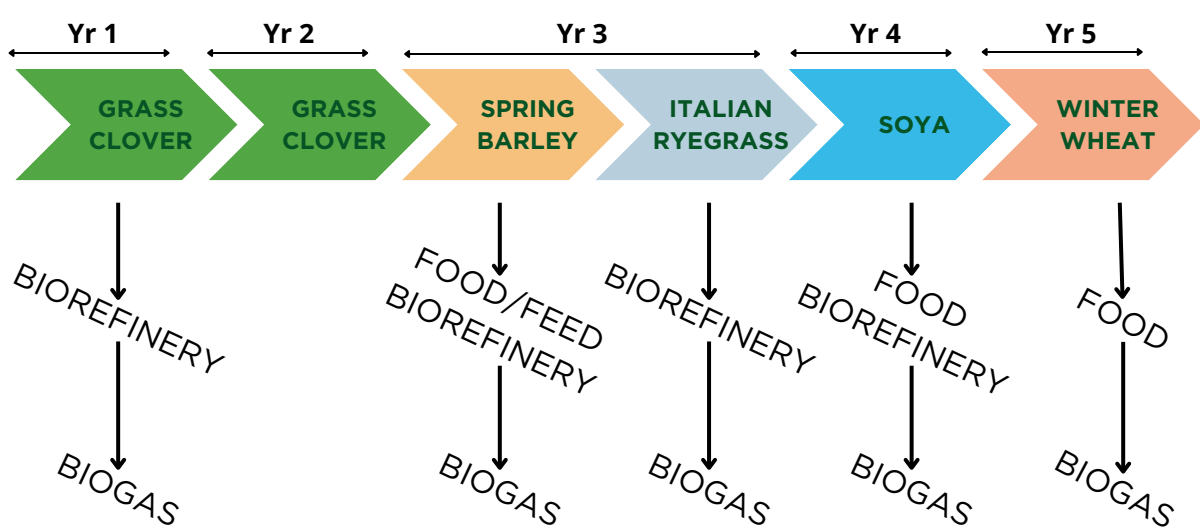


3- BIOGAS SUB-SYSTEM



- 1- Electricity production, photovoltaic efficiency, agronomy, productivity, microclimates, agroenvironment, crop protocols, biodiversity
- 2- Fractionation (juice+fibre), protein extraction, macronutrients
- 3- In-situ biomethanation, optimisation, feed stock mixture (plant-based), gas quality

SMART CROP ROTATION



A EUROPEAN CONSORTIUM

Value4Farm brings together 14 partners from 10 countries. It features 3 demonstration sites in Belgium, Denmark, and Italy, and 3 replication sites in Iceland, Poland, and Italy, to further test the demonstrated value chains.

CONTACT



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This project has received funding from the European Union's Horizon Europe Research and Innovation programme under Grant Agreement No. 101116076 (VALUE4FARM).