

Taking Bio-production
Sustainability to the
next level

About CLARUS

CLARUS enables AI-based energy and material resource consumption assessment, traceability, and optimization for bio-production industry processes.



**Green Deal
Data Spaces
Artificial
Intelligence**

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Project Overview

CLARUS enables AI-based energy and material resource consumption assessment, traceability, and optimization for food industry processes.

Our platform integrates **advanced communications, data processing capabilities, and AI**, to achieve higher levels of sustainability in the critical bio production sector.

"Guiding the bio-production industry towards the Green Deal"

Our Ambition

- Develop a quantitative methodology to assess sustainability initiatives: GDI (Green Deal Index)
- Leverage data and AI to drive strategies towards the Green Deal



Our Offer

The CLARUS project will provide three Tangibles **Expected Expected Outcomes (TEOs)**:



Green Deal Index

methods, tools and data used to calculate the Green Deal Index (GDI).



Data Spaces

Data model, platforms, and tools, together with an Open Data Space.



AI Toolkit

AI models to improve production and logistic processes in the time critical bio production sector.