Motivation behind the Team

HARALD GRILL

CONPLUS ULTRA

By decarbonising the regional food processing value chain through **energy efficiency** and increasing **RES shares**, EENOVA will allow testing and achieving policy goals in **real business environments** while gaining lower costs at the company level.

LUISE DAUWE

BUSINESS UPPER AUSTRIA

The **hands-on approach** through energy audits combined with the **strategic planning** of long-term actions for improving energy efficiency in the agri- food sector, with roundtables including diverse stakeholders across the value chain, bring **realistic & implementable** solutions for the companies and supports the **green transition** of the industry.

CREATING A MORE SUSTAINABLE, RESILIENT AND COST-EFFECTIVE ENERGY FUTURE

Partners

CLEANTECH BULGARIA

AgroTransilvania® Cluster

Con Plus Ultra

BF UNIVERSITY OF LJUBLJANA Biotechnical Faculty

ENERGY EFFICIENCY in Industrial Processes

AgriFood DIH Lithuania

business upper austria

IRI UL

Key Figures

37 MONTHS DURATION

1.4M EU FUNDING

8 PARTNERS

5 VALUECHAINS

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EENOVA

ENERGY EFFICIENCY IN REGIONAL FOOD PROCESSING VALUE CHAINS

Did you know?

...that about 30% of the world's energy is consumed within the agricultural and food sector?

Energy is a vital resource at every stage of the food value chain, from the production of agricultural inputs to the final consumption by consumers.

While primary agriculture accounts for only about 20% of this energy, food processing, including transportation, contributes to a significant 40% of global energy consumption along agricultural value chains (FAO, 2022).

Our Objective

EENOVA addresses the key challenges associated with the food chain's heavy reliance on fossil fuels. Our primary goals include promoting energy-smart solutions, enhancing energy efficiency, increasing renewable energy use, and reducing the carbon footprint in five regional value chains across different food processing subsectors and countries.

Our Approach

EENOVA aims to guide businesses in these value chains towards tailored energy-related improvements. Our approach leverages regional characteristics, including small and medium-sized enterprises (SMEs) and larger enterprises (LEs), by identifying common steps to raise awareness, encourage collaboration, and implement energy-efficient practices.

Roundtable Methodolology in 5 Value-Chains

COMPANY PERSPECTIVE

Ensure the status quo of existing regional value chains through energy audits. work closely with companies with the goal to help them take actionable steps to achieve the best possible results for themselves and their regional value chain.

VALUE CHAIN PERSPECTIVE

Evaluate the feasibility of these results and identify critical factors affecting energy efficiency for the whole value chain. Develop a company and value chain energy efficiency optimization plan.

POLICY PERSPECTIVE

Bring together The insights gathered in roundtables 1&2 and combine them with already set policy targets, putting everything into a broader policy perspective for a set of policy reccomendatios.

REPLICATION

Maximise the impact of EENOVA results and improve value chain energy-saving model.

Impact

The expected energy impact of EENOVA is significant. As a result, a **replicable model t**hat can be applied to value chains in various regions and sectors will be developed, with active involvement of key stakeholders.

Reduced carbon intensity in food processing

Optimized energy consumption with cutting-edge audits

Smart, circular, and sustainable solutions

A location-based approach

EENOVA believes in the importance of regional contexts and their different solution approaches.

Building trust

EENOVA believes in physical human interaction and trust, especially when it comes to uncomfortable decisions

Supporting policy goals

EENOVA supports various complex multidimensional policies of the Green Deal, such as the path towards climate neutrality,