

Sustainable Bioenergy: Future-proof, environmentally compatible supply chains



Wood remains the main resource in Europe's growing energy production from biomaterials. Local bioenergy projects are more and more challenged to secure solid biomass supplies in the long term without increasing competition to other land uses or their impact on the environment. However, if used in a resource efficient manner, sustainable bioenergy can contribute decisively to increased climate protection.

SECURECHAIN's main goal is to promote sustainable bioenergy chains in the rural area, which fulfil high environmental standards and are economically viable for small and medium-sized enterprises (SME). The project objectives include:

- Better integrate and optimise local bioenergy chains
- Increase energy efficiency and minimise controlled environmental impacts
- Provide sustainability proofs according to international standards
- Leverage investments to promote pilot projects

An open call for Innovation Vouchers for small and medium-sized enterprises (SME) is launched in six European model regions, to identify trendsetting local pilot projects, which shall benefit from applied training and coaching and receive specific technical-logistical knowhow to support their broader market uptake. By means of a Life Cycle Assessment (LCA), specific quality assurance tools and sustainability criteria for SME will be developed, among other results.

EU project partners

The Wald-Zentrum Münster / IIWH, a German competence centre in forest-based industries, coordinates the consortium of 11 project partners in Germany, Austria, The Netherlands, Sweden, United Kingdom, Spain, Greece and Estonia. The consortium unites excellent competence in biomass, bioenergy, energy efficiency, supply chain management, cluster management, sustainability, certification and green investment.

IIWH Internationales Institut für Wald und Holz NRW, Germany | **BTG** Biomass Technology Group BV, Netherlands | **UPC** Polytechnical University of Catalonia, Spain | **ESS** Energikontor Sydost, Sweden | **BOKU** University of Natural Resources and Life Sciences, Institute of Waste Management, Austria | **CLUBE** Cluster of Bioenergy & Environment of Western Macedonia, Greece | **TREA** Tartu Regional Energy Agency, Estonia | **DIN CERTCO** Gesellschaft für Konformitätsbewertung mbH, Germany | **CBI** Climate Bonds Initiative, United Kingdom | **CERTH** Centre for Research and Technology Hellas, Chemical Process and Energy Resources Institute, Greece | **CTFC** Forest Technology Centre of Catalonia, Spain

Sponsor

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Contact

Prof. Dr. Andreas Schulte

IIWH Chairman of the Board

andreas.schulte@wald-zentrum.de, +49 251 674 324 0

Dr. Uwe Kies

uwe.kies@wald-zentrum.de, +32 19 30 10 94 (Belgium office)

Dr. Heiko Hagemann

heiko.hagemann@wald-zentrum.de, +49 251 674 324 18

Susanne Bergmann

susanne.bergmann@wald-zentrum.de, +49 251 674 324 11