



## Growing the production of modern solid biofuels for small-scale heaters

### Project partners



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### Pilot project concept

The essence of the project is to scale up the production capacity of a Pellet Manufacturing Plant up to 64.000 tn/year. The company undertake an economic feasibility study to measure economies of scale and support fund raising activities.



In parallel, the SME visits referent pellet mills in Austria that helps to design the pellet mill scale-up project. Project partners help the company to certifies their pellets with Dinplus quality certification.

Secure Chain has been also useful to define the vision of the company. The company managers commit to eliminate CO<sub>2</sub> Emissions from electricity generation operations. Thanks to the Life Cycle Assessment, managers raise concern to measure and mitigate the CO<sub>2</sub> food print from all the company's operations.

### Partners

Grup Renerbio is a family owned and managed business with more than 20 years' experience in energy generation, forestry management and energy services. The group consists of three business units. Energy Generation and OMIE Wholesale Electric Market Commercialization. Commercialization of heat and power targeting Small Medium Enterprises. Pellet manufacturer certified as Enplus A1 Premium and Dinplus.

### SecureChain partners



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### Activities

Activities centred on three main issues: 1. Financial forecasting and Risk Assessment to support production scale-up benefits, 2. Life Cycle Assessment to measure the CO<sub>2</sub> food print from all the company's operations, 3. Product Quality Assurance and certification.

### Results

The economic analysis and companies financials forecasting has been used to secure debt funding from Regional Banks.

The Finance Director assistance to Climate Bond Initiative 2017 Annual Conference in London was useful to meet project finance investors. The company introduced their activities and presented a new project consisting on a Biomass CHP plant in Catalonia.

The Head of Production participation in a Pellet Mill visit in Austria was useful to decide the best manner to scale-up production.

The company it is been also favoured with the capacitation on quality assurance and the Din plus certification of their product.

### Follow up

The company did not reach yet a production of 64.000 tn/year so is still in the process to consolidate the scale-up process.

It is an interesting case to follow to understand how competitive is the pellet produced in south Europe to replace central-European imports and from overseas.