



Gasification Integrated with CO₂ capture and conversion

New technology for CO₂ capture and conversion

GICO aims at developing small to medium scale residual biomass plants and promoting social acceptance of the energy plants.

The project activities include the testing and development of new materials and technologies, such as high-temperature inorganic removal sorbents, CO₂ capture sorbents, hydrothermal carbonisation and sorption enhanced gasification.

In doing so, GICO advances a system to convert residual biomass into biofuels by exploiting the renewable electricity excess.

Project Data

Period: 01.12.2020 – 30.11.2024

Funded under: H2020-EU.3.3. - SOCIETAL CHALLENGES - Secure, clean and efficient energy

Topic: LC-SC3-RES-1-2019-2020 - Developing the next generation of renewable energy technologies

Call for proposal: H2020-LC-SC3-2018-2019-2020

Funding Scheme: RIA - Research and Innovation action

Total cost € 3 928 257,50

EU contribution € 3 928 257,50

Partners

