- Accelerating Renewable Energy from ‘Alternative to ‘Mainstream -

New Pathway to Green Diesel and Marine Fuel

GEFS /SPAIN has developed a new technology that, that, apart from being able to significantly reducing carbon footprints, produces non-fossil originated diesel and/or VLSFO marine fuel, (complying international quality standards) for same or less costs than fossil the equivalents.
An extensive (1-year) feasibility study about GEFS technology had recently been carried out and published by the Australian Timber Industry in cooperation with the Australian Renewable Energy Agency.(ARENA)
The study classifies a planned “wood waste to bio fuel process plant” based on MECC technology (GEFS/Spain) as concept with great environmental benefits and reasonable return. Due to simplicity of system and technology, return is comparable with "unsustainable" industrial projects. This, not counting possible subsidies. LCA study attests 75% carbon savings. MECC split up solid materials and converts most of the contained hydrocarbon compounds into valuable products like diesel, marine fuel and bio bitumen. MECCs relatively “simple” system allows very efficient exploitation of all types of inferior wood waste and other lingo-cellulosic biomass waste types.
In UK, Department for Transport had confirmed GEFS pathway qualifies for highest grade of renewable Development Fuel Certificates (13/12/2019)

The feasibility study shows that a MECC high grade alternative fuel production project can deliver attractive returns like conventional industrial projects do, not depending on subsidies, like all current kinds of biofuel production. The technology is therewith just ready to jump from “alternative” to mainstream.

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