

# Bio-Oils Huelva, S.L.U.

## From RESIDUES to ADVANCED BIOFUELS

- Bio-Oils Group was established in 2006 with the aim of developing new projects in the area of renewable energy. Bio-Oils Huelva, S.L.U. was the first project of the group which has been producing biofuels continuously since 2008.
- Bio-Oils Huelva's plant is situated in Huelva (Spain). It has an actual production capacity of 240,000 Tm/year of biodiesel, 480,000 Tm/year of refined oil for hydrotreatment (HVO) and 20,000 Tm/year of glycerine.

According to its innovative strategy, Bio-Oils has been working in the development of novel technologies for residues and effluents' processing for the production of advanced biofuels more sustainable and with high added value.



R+D Department

Analysis Department

Pilot Plant Facilities



Several residual raw materials can be introduced into Bio-Oils innovative processing: Used Cooking Oil (UCO), Palm Oil Mill Effluent (POME), Spent Bleaching Earth Oil (SBE) or fats.



POME



UCO

## On the way to becoming a BIOREFINERY

- The goal of the company is the improvement of production versatility by obtaining biofuels from new residual raw materials, guaranteeing the product's sustainability while emissions, wastes and energy consumption are reduced.
- The company has developed new patented esterification process for the sustainable production of biofuels using several residues.
- Moreover, Bio-Oils is working on innovative refining processes for the flexible and sustainable production of a high-quality biofuel from different residual materials. Flexibility will be the key for adapting the production to the market and will provide the company with a competitive advantage.
- It is also part of the company's strategy in the near future, the development of new bioproducts to remain economically and environmentally competitive. This approach will be essential for diversifying the markets in which Bio-Oils operates.