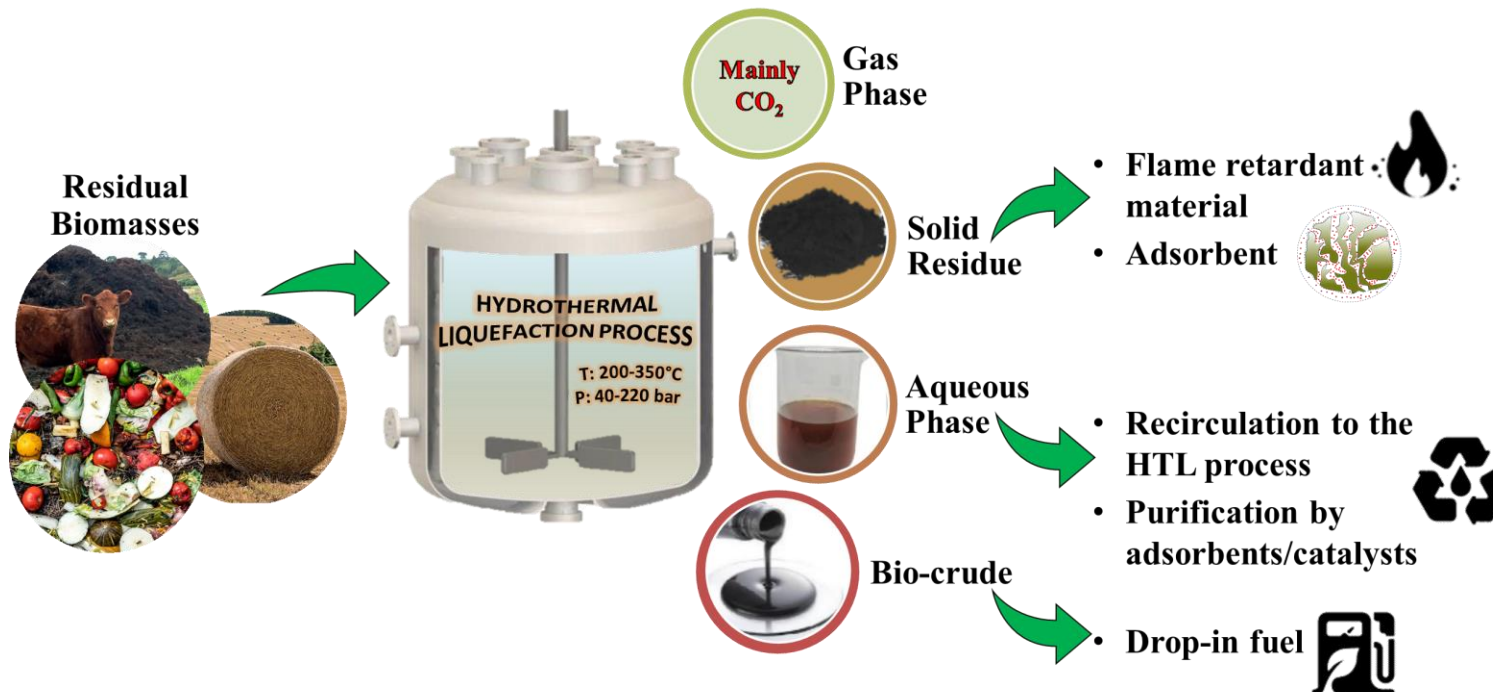




Project presentation

Hydrothermal liquefaction (HTL) is a promising route for the energetic valorisation of residual biomass using hot and pressurised water as a reaction medium. This project is devoting in understanding the intertwining among biomasses properties, operating conditions of the HTL process, yields/heating value/chemical properties of the obtained bio-fuels, while identifying promising options for the re-use of HTL co-products.



Ph.D. Student

Giusy Marotta

Title

Development of a sustainable hydrothermal liquefaction process for the conversion of wastes to bio-fuels, with by-products recovery.