Técnicas Reunidas is awarded an important circular economy project that contributes to the decarbonization of the transport sector in the Netherlands and other European countries

The "Advanced Methanol Amsterdam" Project seeks to replace fossil fuels with bio methanol produced from non-recyclable waste and biomass.

Técnicas Reunidas has signed a contract with G.I.Dynamics BV (GID), an international biofuel project developer, for a new bio methanol plant project in Amsterdam.

The contract includes the execution of the detailed engineering and the investment estimation in the form of "open book" (FEED-OBE).

With an estimated investment of more than euro 200 million, the future plant will have the capacity to produce 260 tons per day of bio-methanol and will consist of high-temperature gasification, acid gas recovery and methanol units.

Bio-methanol will be obtained from the gasification of non-recyclable wood waste and Refuse Derived Fuel (RDF), for its subsequent blending with gasoline, thus substantially reducing the environmental impact of the fuel.

The plant will be the first in a strategy to contribute to transport decarbonization through the use of waste and biomass recovery, replicating this project throughout the Netherlands, the United Kingdom and other European countries.

GIDynamics BV is a project development company who has developed projects around the world, with an extensive experience in biofuel technological solutions.

TÉCNICAS REUNIDAS, S.A. is one of the main international engineering companies that develops projects to respond to the needs of energy demand and environmentally friendly products for a wide spectrum of customers around the world. Our commitment is to optimize resource efficiency, in accordance with the sustainability requirements of the different countries in which we are present. Since 1960, TR has designed and built more than 1,000 industrial plants in more than 50 countries.