Tyre Derived Oil Evaluation

Key metrics

Consultancy
Project service

150
Hours of engineering

11 weeks
Project duration



AT A GLANCE

InSite provided a highly experienced process consultant to evaluate the potential for co-processing of tyre-derived oil (TDO) in refineries to support a green fuel producer and importer evaluate potential business opportunities.



CHALLENGE

A green fuel producer and importer were evaluating a business opportunity to collect tyre-derived oil (TDO) and supply to refiners to co-process and convert to diesel.

They required a review of the feasibility and practicality of co-processing TDO in existing refineries to produce diesel, and to carry out a review Atlantic Basin refiners capable of co-processing TDO.

SOLUTION

InSite's process consultant evaluated the impact of TDO processing on Hydroprocessing units, including feedstock and product quality evaluation, catalyst deactivation, corrosion and fouling, pre-treatment options and logistic options and constraints.

InSite's consultant used public domain and internal InSite knowledge to screen potential Atlantic Basin refineries based on technical factors as well as commercial/business factors and prepare a shortlist for the client to approach.

InSite provided a clear and concise report for each part of the study.