- IDEALFUEL -

Lignin as a feedstock for renewable marine fuels

GRANT AGREEMENT No. 883753

HORIZON 2020 PROGRAMME - TOPIC LC-SC3-RES-23-2019
"Development of next generation biofuel and alternative renewable fuel technologies for aviation and shipping"

Deliverable Report

D3.3 – Report on Blending Recipe

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Publishable summary

The report aims to offer insights into the formulation of a blending recipe for the fuel generated according to the European Union (EU)-funded project of IDEALFUEL, focused on producing a Bio-Heavy Fuel Oil (Bio-HFO) fuel derived from lignin. Based on inputs from other tasks and deliverables, such as D4.1 that provide information on the key parameters of Bio-HFO sample fuels, the report synthesizes this information to guide the generation of an optimal blending recipe. Initial screening tests of blending indicate the need for process advancement that will lead to a higher quality of neat Bio-HFO fuel before blending. However, by integrating data on the properties of Bio-HFO fuel derived from lignin, along with essential parameters for formulating blends, the report aims to facilitate the development of an efficient and effective fuel blend for the IDEALFUEL project.

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Project partners:

#	Partner short name	Partner Full Name
1	TUE	Technische Universiteit Eindhoven
2	VERT	Vertoro BV
3	T4F	Tec4Fuels
4	BLOOM	Bloom Biorenewables Ltd
5	UNR	Uniresearch B.V.
6	WinGD	Winterthur Gas & Diesel AG
7		(Formerly SeaNRG, is now GOODFUELS #12)
8	TKMS	Thyssenkrupp Marine Systems GMBH
9	OWI	OWI – Science for Fuels gGmbH
10	CSIC	Agencia Estatal Consejo Superior De Investigaciones Cientificas
11	VARO	Varo Energy Netherlands BV
12	GOOD	GoodFuels B.V.

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