

# - 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

D6.2 – Market Assessment



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## **Publishable summary**

IDEALFUEL, EU H2020 project, aims to develop a Biogenic Heavy Fuel Oil (Bio-HFO) that can be used as drop-in within the existing maritime infrastructure. As technical developments progress, it is necessary to assess the market for successful penetration. In this report, an overview of the market is presented together with the instruments that can affect the market up-take of the Bio-HFO.

This reports assesses the following aspects, with the perspective of the European Economic Area, namely: legislation, mandates and incentives; emission performance; fuel compatibility and blend-ability; and production cost. Cost is currently a determining market driver. Nevertheless, it is important to consider how the legislative frameworks that are currently in development will affect it. Moreover, the potential reduction in emissions will be translated into marketing advantages, whether by branding or premium benefit. Finally recommendations are given and potential risks are identified.

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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	Consejo Superior De Investigaciones Cientificas
11	VARO	Varo Energy Netherlands BV
12	GOOD	GoodFuels B.V.



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