



Virtual Workshop

Co-Processing as route to deployment of advanced biofuels production

14th April 2021, 13:00 - 18:10, Central European Time

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Joint European Workshop Organised by project consortia:

Photo: with permission from OMV



4REFINERY and WASTE2ROAD have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 727531 and Bio4Fuels Centre for Environment-friendly Energy Research funded by The Research Council of Norway, grant No. 257622/E20

Co-Processing as route to deployment of advanced biofuels production

The potential of Co-processing of intermediates (bio-oils, biocrudes, etc) in existing refineries is a topic being addressed in three ongoing H2020 EU projects (4Refinery, HyFlexFuels, Waste2Road) and the Bio4Fuels national Centre. As a route to scaling up the production of Advanced Biofuels, this is a topic of increasing interest.

This workshop aims to highlight the activities within this area from an industry perspective and identify some of the challenges.

For more information:

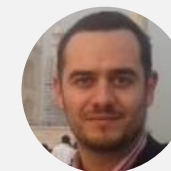
Silje Fosse Håkonsen: SiljeFosse.Hakonsen@sintef.no

Yves Schuurman: yves.schuurman@ircelyon.univ-lyon1.fr

SPEAKERS



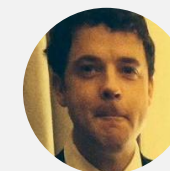
Maria Georgiadou
Senior Expert Renewable R&I Policy
DG Research & Innovation



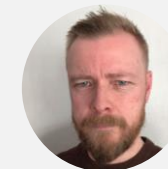
Olivier Touzalin
Senior Technologist
IFPEN/AXENS



Tijs Lammens
Senior Process Engineer
BTG



Adrian O'Connell
Scientific Project Officer
Joint Research Centre



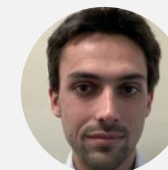
Kjetil Hauge
Senior Advisor
Equinor ASA



Richard Allen
Lead Consultant
Equinor ASA



Stefano Chiaberge
ENI Spa



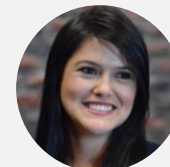
Gianluca Fiori
ENI Spa



Wolfgang Vollnhofer
Senior Expert New Technologies
OMV



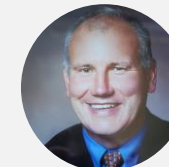
Daniel Szeezil
Product Marketing Manager,
Renewable Fuels
Honeywell UOP



Katerine Rodriguez
Senior Renewable Oil Upgrading specialist,
Steeper Energy



Jianping Su
University of British
Columbia



Jack Saddler
Professor
University of British
Columbia/IEA

PROGRAM

13:00 Welcome

Duncan Akporiaye, SINTEF – Bio4Fuels Centre Director

13.05 Workshop Presentations

13:05 EU R&I policy on biofuels, renewable fuels and bioenergy - **Maria Georgiadou**, European Commission, DG Research & Innovation

13:20 Axens experience in lipid co-processing – **Olivier Touzalin**, AXENS

13:45 Advanced Biofuels from Fast Pyrolysis Bio-Oil - **Tijs Lammens**, BTG

14:10 Discussion of methods to determine bio-based fuel share in co-processed fuels - **Adrian O'Connell**, JRC- Joint Research Centre

14:35 Co-processing experience and a first view on pyrolysis oil - **Kjetil Hauge & Richard Allen**, Equinor ASA

15:00 Break

15:15 Eni's approach on co-processing for Biofuel production - **Stefano Chiaberge & Gianluca Fiori**, ENI Spa

15:45 Biofuels from WASTE TO ROAD transport - **Wolfgang Vollnhofer**, OMV

16:10 Co-processing Biocrudes in an FCC to Produce Renewable Fuels - **Daniel Szeezil**, Honeywell UOP

16:35 Transforming Organic Residuals to co-processable feedstocks by Steeper Energy's Hydrofaction® - **Julie Katerine Rodriguez**, Steeper Advanced Biofuel Centre

17:00 Challenges in determining the renewable content of the final fuels after co-processing biogenic feedstocks in the fluid catalytic cracker (FCC) of a commercial oil refinery - **Jack Saddler & Jianping Su**, University of British Columbia/IEA

17:25 Break

17:35 **Discussion**

18:05 *Concluding remarks*

18:10 *End of Workshop*