ADVANCEFUEL

Discover Europe's Market Roll-out of Advanced Renewable Fuels

MEDIA TRIP | **WHEN:** 25 March 2020 | **WHERE:** sunliquid® plant, Straubing, near Munich, Germany

Learn more about the barriers and solutions for market uptake of advanced renewable fuels identified by ADVANCEFUEL and visit Clariant's sunliquid® plant producing advanced biofuels from agricultural residues.

About Europe's transport sector

Transportation is the only sector in Europe where carbon emissions just keep on increasing. In 2016, the transportation sector globally represented 27% of the total emissions which was 3% higher, compared to 2015 (Source: EEA). To decarbonize road, maritime and air transport, upscaling advanced biofuels is crucial for the energy transition. While electrification becomes more significant (mainly in road and rail transport), second and third generation 'advanced' biofuels are emerging as the most viable option for shipping and aviation. Media representatives are invited to gain insights into the latest sustainability criteria for feedstock, to learn about the challenges and solutions for market uptake, and to visit **Clariant's** innovative **sunliquid®** plant that produces second-generation biofuels from agricultural residues.

About ADVANCEFUEL

Coordinated by FNR and funded by the European Union, ADVANCEFUEL brings together eight partners from seven countries, including research centres and universities, aiming to facilitate the commercialisation of advanced renewable transport fuels to contribute to the achievement of the EU's renewable energy targets, and reduce carbon emissions in the transport sector to 2030 and beyond. ADVANCEFUEL provides market stakeholders with new knowledge, tools, standards and recommendations to help remove barriers to their uptake.

About sunliquid®

Clariant's constant commitment to innovation and R&D with a strong focus on sustainability has led to the groundbreaking sunliquid® technology to produce cellulosic sugars and ethanol from agricultural residues such as cereal straw, corn stover or sugarcane bagasse. The sunliquid® technology offers a completely integrated process design, built on established process technology. Cellulosic ethanol produced with sunliquid® saves around 95% of greenhouse gases compared to gasoline, supporting the transformation from a fossil-based economy to a bio-based circular economy. Since 2012, Clariant has been operating its pre-commercial sunliquid® plant in Straubing, Germany and broke ground on its first-of-its-kind full-scale commercial cellulosic ethanol plant, with an annual production capacity of 50.000 tons, in south-western Romania in the fall of 2018.

Watch the Sunliquid® plant animation video here.

Agenda

24 March 2020

19:00
Welcome Dinner

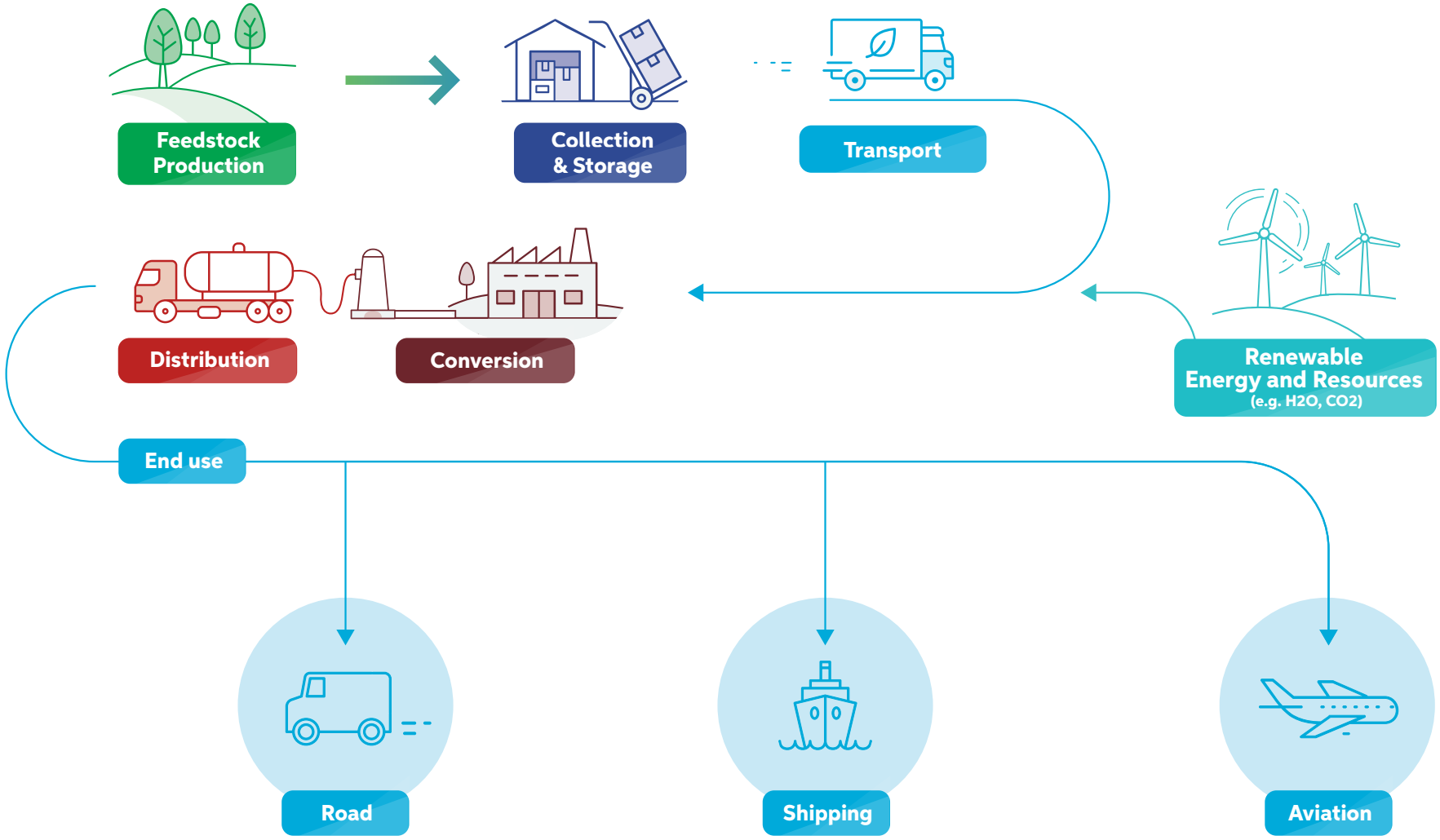
25 March 2020

08:00
Meeting in front of hotel in Munich for departure to Straubing

09:30–15:30
Presentation of ADVANCEFUEL results & the sunliquid® process followed by a site visit of Clariant's sunliquid® plant

16:00
Departure to airport or hotel

Contact: Vanessa Wabitsch, Project Manager, REVOLVE | vanessa@revolve.media
Website: www.advancefuel.eu | **Twitter**: @AdvanceFuel | #ADVANCEFUEL


Feedstock Production
Collection & Storage
Transport
Distribution
Conversion
Renewable Energy and Resources
(e.g. H2O, CO2)
End use
Road
Shipping
Aviation