For this purpose, a dedicated Stakeholder Platform has been developed on the ADVANCEFUEL’s website, offering subscribers the opportunity to share their opinions via personal interviews and consultations as well as by contributing to draft ADVANCEFUEL project tools and results.

Stakeholders will be consulted to identify the most relevant and important barriers to the development and commercialisation of Biofuels advanced supply chains. According to their role in the value chain, stakeholders will then be invited to join one or more of the ADVANCEFUEL thematic activity groups:

- Biomass supply, to assess needs and barriers, compile data on biomass availability and discuss the benefits and potential improvement measures of different cropping systems.
- Conversion and technology upscaling, to identify most promising technologies for biofuel production and to discuss opportunities for ‘greening’ existing fossil fuel infrastructure.
- Sustainability, performance, certification, standards and related challenges considering socio-economic and environmental aspects.
- Market analysis, involving key market players and policy makers, aligning policy practices and discussing market framework and policy barriers.

To validate the results of the project and ensure their successful uptake, ADVANCEFUEL will engage and maintain dialogue with stakeholders from the entire value chains of liquid, renewable and advanced transport fuels (jointly referred to as RESFuels).

By joining the ADVANCEFUEL Stakeholder Platform, you can:

- Be informed of the project’s research results and be the first to test ADVANCEFUEL project tools;
- Access consolidated data on lignocellulosic feedstock availability and RESFuel market potential;
- Take part in the review of national and future standards on RESFuels and contribute to the identification of best practices to accelerate their market uptake;
- Participate in dedicated events to shape the future of advanced renewable fuels in Europe.

To join the Stakeholder Platform, visit our website at: www.ADVANCEFUEL.eu

Are you interested in the future market deployment of advanced, renewable fuels?
The ADVANCEFUEL project aims to facilitate the commercialisation of liquid, renewable and advanced transport fuels (RESFuels) by providing market stakeholders with new knowledge, tools, standards and recommendations to help service barriers to their uptake.

REMOVING BARRIERS TO RENEWABLE TRANSPORT FUELS

As a result, a decision support tool will be created for policymakers to evaluate, in a value-based approach, key market stakeholders will be involved throughout the value chain and will help shape policy recommendations based on best practices to support the successful market uptake of renewable transport fuels.

In this way, ADVANCEFUEL will contribute to achieving the EU’s renewable energy targets and reduce carbon emissions in the transport sector to 2030 and beyond.

WHAT ARE RENEWABLE TRANSPORT FUELS?

The ADVANCEFUEL project will look into liquid advanced biofuels — defined as liquid fuels produced from lignocellulosic feedstocks from agriculture, forestry and waste — and liquid renewable alternative fuels, produced from renewable hydrogen and CO2 streams opened up by the project’s advanced split, different conversion processes for the production of advanced transport fuels within and considered reviewed.

RENEWABLE TRANSPORT FUELS?

Production of biofuels has grown rapidly since the early 2000s as markets have matured, driven in part by political targets and incentives to reduce greenhouse gas emissions. In the last few years, however, experts have questioned the overall sustainability of conventional biofuels, including their impact on land and water, their contribution to deforestation, as well as market framework, and advance new solutions for overcoming them.

In response, a new generation of advanced, renewable transport fuels, deemed commercialised, are emerging as an alternative by numerous barriers along the entire value chain.

To support commercial development of these fuels, the project will develop a framework to model the current status, and future perspectives of RESFuels in Europe in order to better understand how to overcome barriers to their market roll-out.

Following this, it will investigate individual barriers in the fields of biomass availability, conversion technologies, sustainability, as well as market framework, and advance new solutions for overcoming them.

As a result, a decision support tool will be created for policymakers to evaluate, in a value-based approach, key market stakeholders will be involved throughout the value chain and will help shape policy recommendations based on best practices to support the successful market uptake of renewable transport fuels.

Producing biofuels involves three stages: the production of feedstock, conversion processes, and the distribution of fuel.

As a result, a decision support tool will be created for policymakers to evaluate, in a value-based approach, key market stakeholders will be involved throughout the value chain and will help shape policy recommendations based on best practices to support the successful market uptake of renewable transport fuels.

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