



ADVANCEFUEL

Optimising value chains and ensuring the sustainability of advanced lignocellulosic biofuels

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FNR

ADVANCEFUEL Stakeholder Workshop

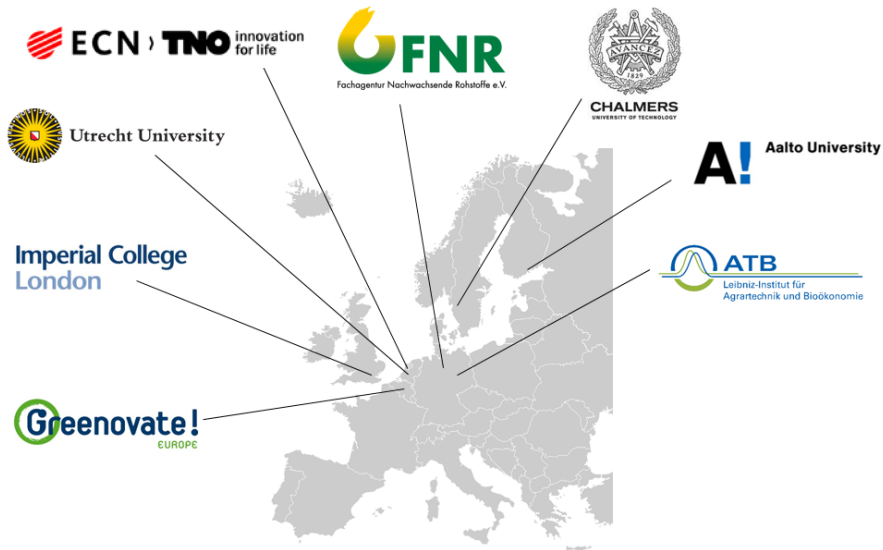
Lisbon, 27 May 2019



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ADVANCEFUEL PROJECT

PROJECT INFORMATION



- 8 **partners** from 7 different countries
- **Duration:** 3 years (September 2017-August 2020)
- **Coordinated** by FNR, German Agency for Renewable Resources with the support of the Energy research Centre of the Netherlands (ECN part of TNO)
- **Funded** by the European Commission under the Horizon 2020 programme





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Introduction

ADVANCEFUEL – Facilitating market roll-out of RESfuels in the transport sector to 2030 and beyond

Goal: increase the share of renewable energy in the future energy mix by increasing the share of sustainable advanced biofuels and renewable alternative fuels in the EU transport sector by:

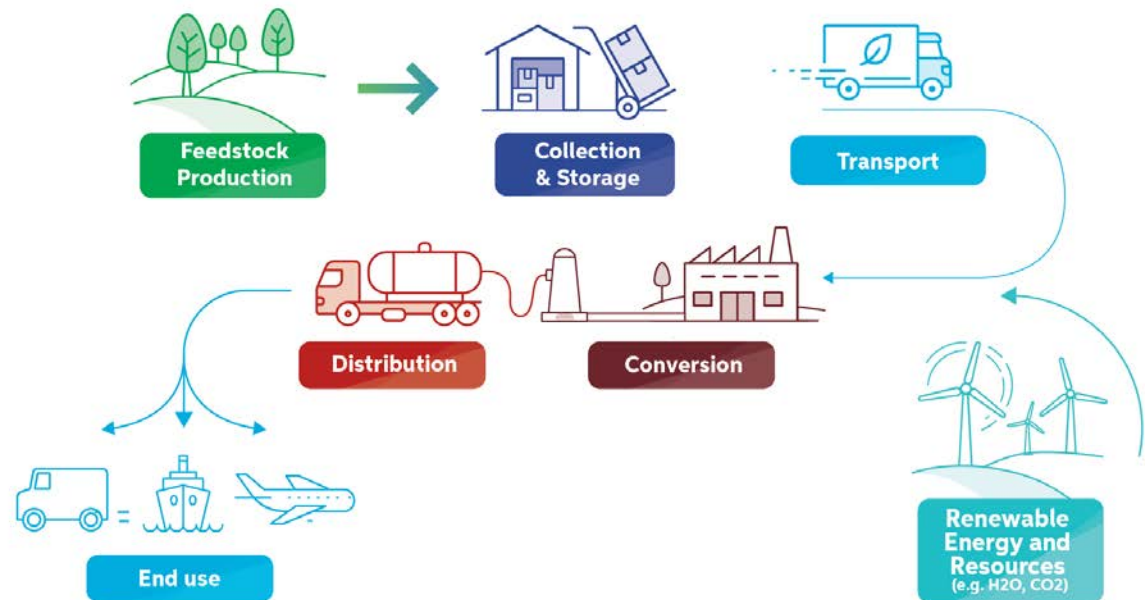
- Defining the **main barriers to the market roll-out** (considering the whole value chain)
- Closely **investigating** the identified gaps/deficiencies/ hurdles – always in close **collaboration** with the market players
- Developing **innovative strategies**, user-friendly **tools/ models**
- Presenting Best Practice scenarios
- Formulating **recommendations** for market players and policy makers



ADVANCEFUEL Project Scope



ADVANCEFUEL project aims at increasing the market uptake of **liquid advanced biofuels and other liquid renewable fuels**, jointly referred to as **'RESfuels'** and is considering the whole value chain.

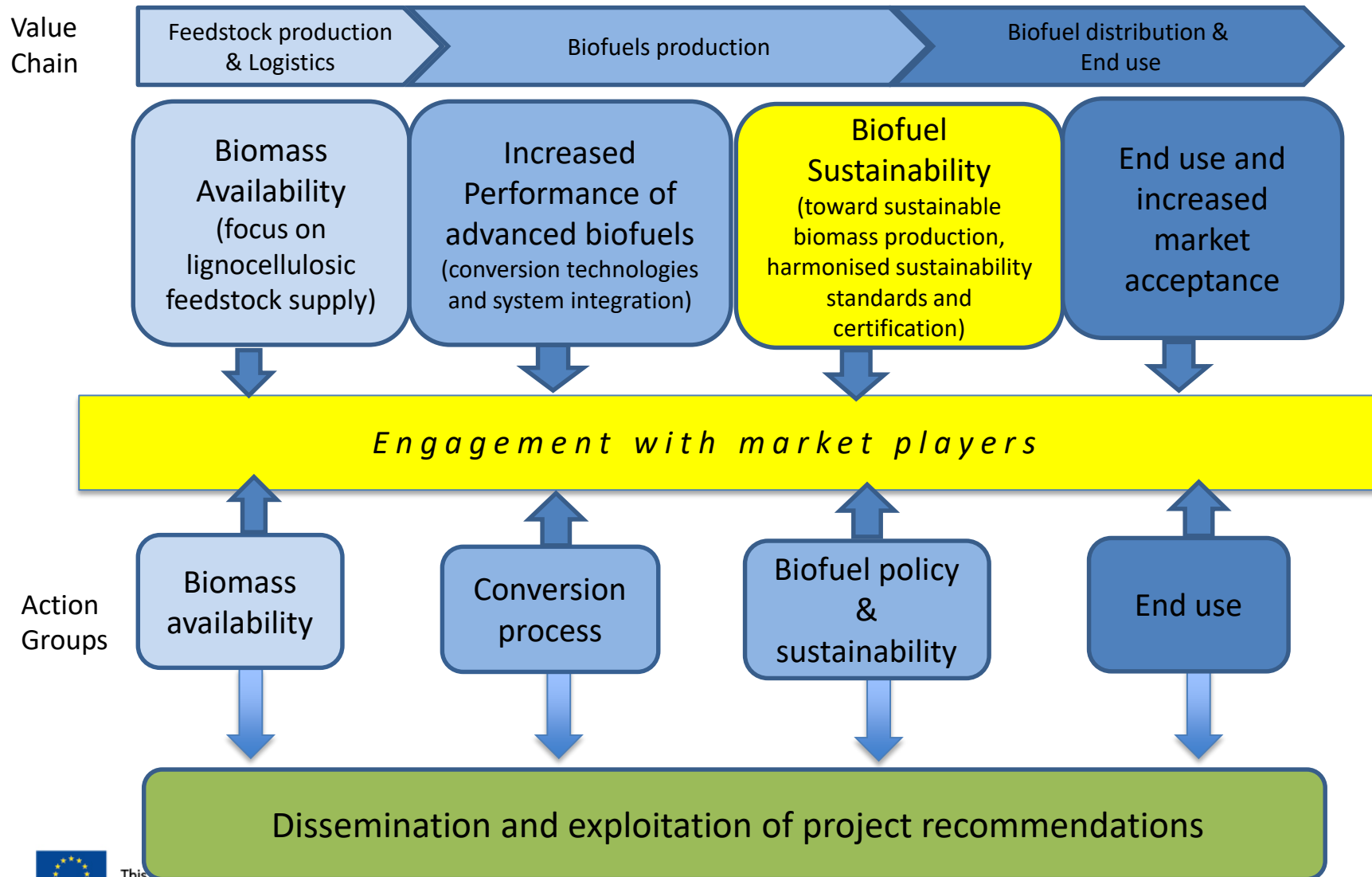


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MANAGEMENT STRUCTURE



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This

STAKEHOLDER ENGAGEMENT

To build and validate their results, ADVANCEFUEL partners will engage all stakeholders from the biofuels value-chain and support actors to participate in the project through:

- Stakeholder **consultations**
(barriers & sustainability schemes)
- Dedicated **workshops**;
- The ADVANCEFUEL **Stakeholder Platform**,
to disseminate information and engage
dialogue with targeted stakeholders



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Workshops



Topic of workshop	Date
Barriers to the market roll-out of RESfuels & Availability of lignocellulosic biomass and its suitability for being converted into advanced biofuels	September 2018; Gothenburg
ADVANCEFUEL - SEEMLA Workshop: Innovative lignocellulosic cropping systems and supply chains	20/21 November 2018, Brussels
Sustainability, certification, standards	May 2019 (at EUBCE 2019) Lisbon
Conversion and technology up-scaling	Sept./ Oct. 2019
End use and policy recommendations	Feb./ March 2020





Workshop on sustainability and certification of advanced biofuels – in close collaboration with ETIP Bioenergy

- Well functioning **sustainability criteria** are crucial for increasing/ fostering **market uptake** of advanced biofuels
- **REDII** sets binding targets for the use of advanced biofuels and its sustainability – first step, but sufficient?
- Need for **guidance for implementing** the (newly) defined sustainability criteria their certification
- **Goal: harmonised** and mutually recognized **implementation and certification** approach



Workshop on sustainability and certification of advanced biofuels – Set-up



- Four presentations providing the views of a **research** group, **two stakeholder platforms** representing economic operators, a representative of an **internationally recognized certification body**

Panel discussion

- A **short introduction** of the panelists
- A short position of the panelist on **biomass sustainability in the RED II**
- What is needed for an effective **implementation** of these criteria and a **successful market rollout** of advanced biofuels in the EU

⇒ **Discussion** with participation of the audience





Ric Hoefnagels: Sustainably Certified Advanced Biofuels - Opportunities and Barriers in the Context of Converging Bioenergy Sectors (Poster)

27 May 2019

Room: POSTER AREA

13:30 - 15:00

Session code: 4AV.1: Sustainability assessment of bioenergy and bioeconomy

Sonja Germer: Innovative Lignocellulosic Cropping Systems in Europe: Combining Knowledge from Several EU-Projects

28 May 2019

Room: AUDITORIUM II

13:30 - 15:00

Session code: 1BO.5: Biomass Cropping on the Marginal Land

Ivan Vera-Concha: A Carbon Footprint Assessment of Multi-Output Bio-Refineries with International Biomass Supply

30 May 2019

Room: ROOM 5A

13:30 - 15:00

Session code: 4DO.8
Climate Impacts of Bioenergy



Thank you for your attention

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