

Renewable Fuels for a resilient society

06.November 2025

Results from Part 3



What are follow-up questions we need to address?

- A new kind of supply system
- Where is the biggest need in Europe?
- How to organise transport of fuels?
- How much do other services need (emergency services, hospitals?)

Which stakeholders/perspectives are still missing in this coalition?

- Representatives from military & emergency services?
- Who in your network can you think of to ask to join the next session?

What are next steps to realise this?

- Develop core proposition of enhanced supply system
- Biorefineries & hydrogen
- Apply for funding (NATO/EU innovation funds) – e.g. competitiveness fund

How do we develop our knowledge base?

- Ways to document knowledge & exchange
- European-based (no US cloud service), secure but accessible e.g. Quodari

What are follow-up questions we need to address?

A new kind of supply system

No replies

Where is the biggest need in Europe?

passenger cars

Possibly Eastern Europe: Considering possible conflicts with Russia
Considering the relative lack of transporting options

How to organise transport of fuels?

special green fuels logistics network

How much do other services need (emergency services, hospitals?)

green tank card as enabler

Which stakeholders/perspectives are still missing in this coalition?

Representatives from military & emergency services?

purchasers from national armys

representatives from cities, responsible blue light fleet

defence industrie (Hensoldt, Rheinmetall, Airbus etc.)

Representatives from ministries and their authorities responsible for...

Diesel engines in NATO must be able to run on F63 fuel, in addition to the EN590 diesel they were originally designed for. However, when operating on F63, the engines fail to deliver the required power. As a result, transmissions no longer synchronize properly, causing everything to come to a halt. ArenaRED can solve this problem — enabling the engines to run cleanly, efficiently, CO₂-neutral, and quietly.

Who in your network can you think of to ask to join the next session?

WIWEB

DLR

EASA

What are follow-up questions we need to address?

Develop core proposition of enhanced supply system

Military pipeline systems with dual use first need the approval from the military side before any new type of fuel is allowed, especially for a banking/fungible system

supporting green tank farms

Refineries are closing down. Maybe the storage capacity can be reused for strategic stocks.

Restructure and reorganise the fossil based fuel infrastructure to a multiproduct approach (more diversified than today)

Biorefineries & hydrogen

Transformation of feedstock base of the existing fossil refineries.

Transformation fossil refineries to renewable refineries

co-refining as ramp-up supporter for an intermediate time

Apply for funding (NATO/EU innovation funds) – e.g. competitiveness fund

can you share more info on the event in Brussels on the 18th of November?

Nato is looking for collaboration with the EU in order to address the funding possibility. Discussions between both entities are ongoing.

What are instruments we could use to scale up renewable fuel production in Europe?

Instruments to organise new feedstocks base in Europe

Rethink about resource hubs (feedstocks, intermediates)

Strategy for sustainable and resilient resource mobilisation (for renewable fuels biomass, CO/CO₂, hydrogen)

pan european approach, the Renewable Fuels Platform do they have a pan european reach? National policies are an obstacle for a solid organized new feedstocks base

RED does not really foster new feedstocks as it favours already established pathways due to the continuous change in the feedstock base (see Annex IX, A and B). Additional specific investments are required.

innovation plan for feedstock collection for advanced biofuels, collecting residues must be organised considering the timing of crops (when does harvest take place)

Incentives to use local/ regional resources for renewable fuels >> security of supply and resilience

Policy and market making instruments like Advanced fuel CfDs or Carbon intensity

Instruments for technology scale up

Linked to the preparedness agenda
- Really consider renewable fuels, as they are much more resilient to shocks
- decentral production, European feedstock, possibility to be independent of imports
- when identifying key stakeholders for the provision of fuels, really think beyond the oil majors that will only be able to provide a fossil proposition.

EU Innovation Fund (https://transport.ec.europa.eu/news-events/news/commission-unveils-sustainable-transport-investment-plan-strategic-approach-boost-renewable-and-low-2025-11-05_en?prefLang=de)
- But how to access them?

Offtake guarantees for more than 10-15 years

intersectoral regulations

We need to redefine market instruments

Offtake agreements will help the projects that are currently on the table to get the FID. Too many projects don't even get to this stage. Investors are still reluctant to invest.

Improve approaches wrt Contracts for Differences

Instruments that help to reduce the cost difference between renewable fuels, especially e-fuels, and fossil alternatives.

EU emissiontrading system should be working seamless with the different e and biofuels in order to make it a scalable

Simplifying regulatory framework

Clear fossil phase out strategy

How should collaboration be organised?

How should knowledge sharing be organised within coalition, considering confidentiality?

Like initiated today

Like ETIP Biomethane Task Force

Member State collaboration

Connect to SET Plan

the problem in EU is the different opinions. Acting on memberstate level could speed up the process

Sharing of learnings of the impletantation of EU Regulation between the MS: Workshops with national and EU politicians and authorities

Collecting initiatives in the different EU MS

Preparedness Agenda

May involve IEA TCPs?

Are you interested in joining a coalition to develop supply systems based on renewable fuels?

Then we look forward to hearing from you!

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