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WORKING PROGRAMME 2022

# Franco-German Energy Platform



# Imprint

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# 1. Objectives of the Platform

The goal of the Franco-German Energy Platform is to establish a long-term collaboration between the respective energy agencies, ADEME and dena, to facilitate the implementation of cross-border projects. It aims to be a precursor to cooperation within the EU to meet the challenge of the common European energy transition. To this end, it

- identifies joint challenges in the context of the European energy transition
- pools the expertise and networks of both agencies and involves relevant actors from both countries
- defines cooperation formats taking into account the interests of affected stakeholders
- supports project development, e.g. by analysing funding opportunities (regional, national and EU) and providing assistance with application procedures
- explores the possibility of joint proposals for European programmes and calls

The platform demonstrates the benefit of a Franco-German approach in practice by increasing the visibility of projects and initiatives. Replicable solutions for cross-border cooperation are communicated to stakeholders from further European countries. We identify and discuss obstacles and possible solutions of cross-border cooperation in the energy domain with relevant political stakeholders.

*The role of the platform is to link people together, create synergies, share best practices. It is a good tool to promote common solutions.*

**ARNAUD LEROY, CEO of ADEME**



*We have many joint challenges to address at European level. The platform provides concrete projects and collaboration across sectors and borders to help us address them.*

**ANDREAS KUHLMANN, CEO of dena**





## 2. Working Structure

The platform's coordinators provide the interface between the various technical departments of dena and ADEME and external stakeholders. In addition, they facilitate the exchange between experts of their respective agencies as well as cooperation partners by organizing and coordinating events and building up networks.

The following measures facilitate the cooperation between ADEME and dena:

- Regular meetings between the platform coordinators to elaborate and monitor the working programme, plan events and communication measures, as well as maintain & involve the network
- A minimum of two meetings per year between the expert members of the platform to exchange on their respective activities and joint measures
- A joint working platform to share documents between the two agencies such as technical data sheets, thematic dossiers, presentations etc.

To ensure transparency of the platform activities and to enable synergies with other public initiatives in the Franco-German environment, the coordinators transmit the working programme to ministries, embassies, parliamentary stakeholders and the Franco-German office for the energy transition (DFBEW/OFATE).

Platform representatives will attend meetings of these organisations (e.g. Franco-German climate group, Franco-German parliamentary assembly) to present project results and provide input.

## 3. Events

Listed below are the upcoming events, where the Franco-German Energy Platform shall take the opportunity to present its project activities and to discuss the related challenges with the relevant stakeholders in Germany and France.

Options to be confirmed are:

- Berlin Energy Transition Dialogue (BETD) / SET festival
- Global Industrie 17-20 May 2022 in Paris
- EU Sustainable Energy week 2022

## 4. Project Activities

The Franco-German Energy Platform will pursue the following topics and projects in 2022:

- Sustainable Heat – Heat alliance Strasbourg/Kehl
- Franco-German Hydrogen Ecosystem
- Energy efficient buildings – Lighthouse CFB
- Industry decarbonisation
- Energy Infrastructure
- Mobility



## Organisation chart

### Platform coordinators



Marie D'Adesky, ADEME



Véronique Tetu, ADEME

### Topics & projects



**Sustainable Heat –  
Heating Alliance  
Strasbourg/Kehl**



**Franco-German  
Hydrogen Ecosystem**



**Energy Efficient  
Buildings –  
Centre français de Berlin**

### Teams



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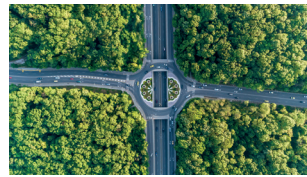
Claire Gauthier, dena



**Industry decarbonisation**



**Energy infrastructure**



**Mobility**



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## Sustainable Heat – Heating Alliance Strasbourg/Kehl



### **Around 5.500 households in the Strasbourg-Kehl border region shall be supplied with climate-friendly waste heat from a local German steel company: an exemplary project for sustainable cross-border heat supply**

Since 2019, the Franco-German Energy Platform has been supporting local actors in implementing a cross-border waste-heat recovery project in the Kehl-Strasbourg region.

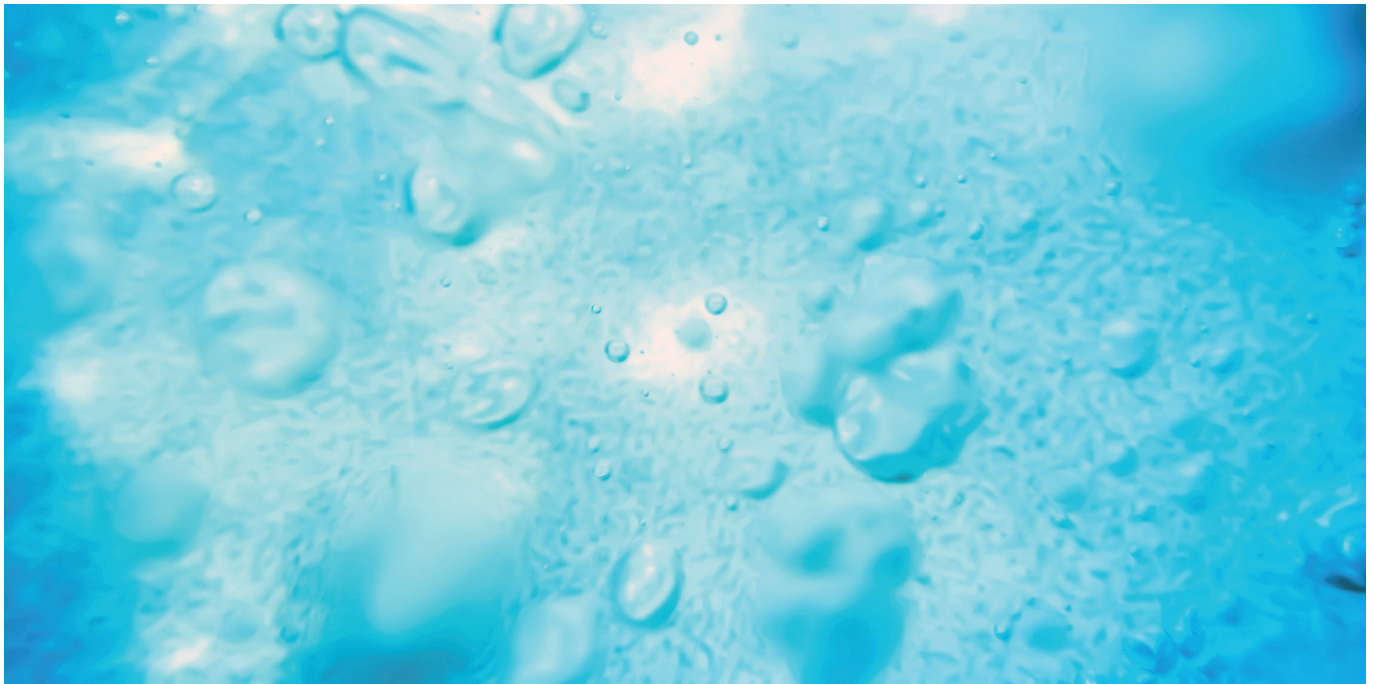
After studying the technical and financial feasibility in 2020, the project took critical steps in terms of planning, authorisation procedures and funding applications in 2021. This will culminate in the impending foundation of the heating company „Calorie Kehl-Strasbourg“, which will operate the pipeline, bringing the project closer towards its realisation.

In 2022, the newly founded company, set up in France, will take the necessary steps in terms of planning and authorisation to begin the construction of the pipeline. The platform will accompany this lighthouse project in its final steps by supporting funding applications, providing advice and the consortium of partners will progressively transferring responsibilities to the newly created semi-public company. After an official application for funding to the Fonds Chaleur, ADEME may participate to the greatest possible extent in the aforementioned activities, in compliance with its tasks. Finally, dena shall continue to support the communication of the project as a showcase example of waste heat utilization in district heating networks and of cross-border cooperation for the energy transition, learning from encountered obstacles and how they were overcome.

These lessons learned will be integrated into a joint Franco-German sustainable heat event in 2022 in collaboration with the Grand Est Region, with the goal to discuss the replicability of this cross border project.



## Franco-German Hydrogen Ecosystem



### Facilitating Franco-German H<sub>2</sub> cooperation together with regional & national stakeholders

During the last two years platform experts gained an overview of hydrogen projects, planned and already carried out, as well as of regional and national objectives related to the deployment of a hydrogen economy in France and Germany. The discussions have also been focused on Franco-German cross-border projects.

In 2022, dena will assist in creating a Franco-German hydrogen ecosystem, which will build on joint regional strategic interests and industry needs. Based on the results of the cross-border H<sub>2</sub> workshop in 2021, dena will keep discussing and preparing concrete cross-border projects with regional stakeholders. The dialogue will be pursued in three key domains:

- Cross-border H<sub>2</sub> transport infrastructure
- H<sub>2</sub> refueling stations
- H<sub>2</sub> mobility solutions, e.g. Railway

During a second cross-border workshop, the progress made in each domain will be discussed. The results shall be presented at a H<sub>2</sub>-conference in the Grand Est Region planned in June 2022.

Furthermore, dena and ADEME will jointly continue the stakeholder dialogue with political stakeholders at national level of both countries in order to foster the exchange on topics relevant for the respective hydrogen strategies.

Similar to the format organised in November 2021, round-table debates with the relevant French and German ministries as well as dena and ADEME will address the following subjects:

- Tradeability of renewable and low-carbon hydrogen
- Infrastructure planning
- Regulatory framework and policy instruments





## Energy efficient Buildings – Centre francais de Berlin



### **A European-wide tender will help build up an exemplary showcase for energy efficient buildings in Berlin.**

In 2020 and 2021, ADEME and dena experts have initiated exchanges on the building sector to develop a better understanding of the specifics of their respective countries by publishing a comparative report and sharing best practices. This led to the idea to support a renovation project, under the patronage of the French Ambassador to Germany.

The Berlin-based Centre Français de Berlin (CFB) offers an international meeting place especially for young people. The goal is to preserve the building as a historic place of Franco-German friendship, to improve its energy efficiency, to modernise it and to adapt it to the needs of its various visitors. The project is supported by the board of the French-Germany Parliamentary Assembly and across all German political groups at the Federal and regional levels.

2022 will witness the launch and completion of the EU-wide tender, which will be evaluated by a professional jury. Besides the pursuit of communication, stakeholder engagement and fund raising activities to cover the renovation financing, the platform will oversee and evaluate the submitted planning sketches and the organisation of the committee meeting, which will come to the final decision.

ADEME will collaborate with dena's support for these activities by forwarding the tender published to appropriate networks and providing a French German speaking expert to the professional jury.

## Industry decarbonisation



### **Accelerating the transformation towards competitive and CO<sub>2</sub>-neutral European industries.**

Germany and France are both industrial nations confronted to similar challenges, including the extension of carbon pricing and the subsequent risk of carbon leakage. Moreover, digital sovereignty and competitiveness, that is, the emergence of technologies “made in EU”, represent key priorities of the current European industry policy.

The platform experts will focus on the uptake of existing market innovations and technologies to decarbonise industries. We will encourage companies to exchange on their experience relating to the introduction of market-based innovations (knowledge sharing) and bring suppliers and consumers of technologies together (matchmaking) to encourage cooperation in between French and German companies.

Instrumental to these activities is the organisation of side events at key conferences and exhibitions, to which ADEME and dena are already participating, such as:

- Berlin Energy Transition Dialogue / SET-Festival in Berlin, from the 29th to 30th of March 2022
- Global Industrie in Paris, from the 17th to the 20th of May 2022

As part of these events, the team could organise site visits to industry plants near and relevant to the target audience.





## Energy Infrastructure



### **Energy System of the future: grid related coordination measures**

Both dena and ADEME have elaborated scenarios to achieve climate-neutrality respectively by 2045 and 2050. Security of supply requires different approaches in a context of dominant renewable energies sources and power electronics. Besides discussions on the energy mix, the increasing complexity of system operation needs to be considered. In order to gather respective findings, identify coordination needs and provide recommendations on system operation in France and in Germany and at the European level, dena and ADEME will exchange experiences on energy system transformation.

In 2021, the focus was on the market-based procurement of ancillary services, as defined in the Clean Energy Package. Based on interviews with German and French experts, the platform concluded that the discussion needs to be deepened in 2022. Furthermore, experts will exchange on topics such as integrated network planning as well as the opportunities and challenges posed by the integration of distributed generation and demand flexibility.

## Mobility



### Exchanging best practices for mobility applications.

Transport currently accounts for almost 30 % of total GHG emissions in the European Union. Unlike GHG emissions in other sectors, transport emissions have increased (or stagnated) since 1990 in both France and Germany. The transformation and decarbonisation of mobility and transport is therefore a priority for both countries. Such a transition needs a shift to alternative propulsion systems and fuels, as well as increased efficiency, avoidance of unnecessary traffic and the transition to environmental-friendly modes of transport.

While France and Germany share many of these overarching goals, the regulatory framework and policy instruments in place to achieve sustainability and GHG emission reduction targets in transport partially differ. ADEME and dena will therefore share knowledge on the strategies of each of our countries, on implemented and planned measures, as well as exemplary projects.

Several topics could be discussed in the coming year, such as open source solutions for mobility, tax reform and support mechanisms for alternative fuel deployment, and current EU proposals.



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