



Sustainable Transport Forum sub-group on a common data approach for electromobility and other alternative fuels

Working Programme 2022

1. Activities

- **Activity 1: Characterisation of the different data dimensions required to enable the future creation of digital services in the alternative fuels market.**

Continuing the work initiated as part of the Working Programme 2021, the goal of this activity is to define the main elements to put in place an open data ecosystem for electromobility and other alternative fuels (H₂, CNG, LNG, highly blended biofuels). The activity shall reflect the impact of both technical and governance issues. For that, the sub-group will build on the existing work carried out by the members of the sub-group on their respective initiatives as well as on the policy and technical work carried out under the PSA IDACS. Moreover, the sub-group shall consider other upcoming policy initiatives such as the Mobility Data Space and the alignment and collaboration with the Coordination Mechanism to Federate the NAPs (PSA NAPCORE).

→ **Deliverable:** The sub-group shall produce a document¹ concluding and recommending to the Commission the typology of the different data dimensions (e.g., aggregation, quality, format, sharing, reusability, etc.) required to enable the creation of digital services in the alternative fuels market. Additionally, the sub-group shall identify the future needs concerning static and dynamic data types for the different fuels and vehicle types (e.g., LDVs vs. HDVs) and related needs and concepts for the localization, booking, payment and billing process of recharging/refuelling alternatively fuelled-vehicles. Finally, the sub-group shall identify the relationship between key technical and governance aspects in order to create an open data ecosystem.

→ **Timeline:** 2 December 2022

¹ The length will be determined by the Commission and the members during the development of the activity. The final deliverable shall provide a clear overview for a non-technical audience. Concrete technical elements shall be gathered and reflected in annexes to the main document as necessary.

- **Activity 2: Mapping of the roles and responsibilities of the different types of market actors within the alternative fuels ecosystem.**

Continuing the work initiated as part of the Working Programme 2021, the goal of this activity is to review and map the roles and responsibilities of the different types of market actors as part of the future alternative fuels data ecosystem, including in a non-exclusive manner OEMs, EMSPs, CPOs, e-roaming platforms, data brokers, DSOs, TSOs, charging aggregators and traditional fuel suppliers.

In addition to publicly accessible infrastructure, the influence of recharging points at private dwellings and business buildings will also be reflected as part of the ecosystem mentioned above, ensuring the development of a coherent technological framework.

Lastly, this activity shall lead to the recommendation of a framework that is consistent both with the use of data for supporting B2B and B2C interactions and with the regulatory requirements associated with Member States' (B2G) obligation to make data available through their National Access Points (NAPs) according to the Directive 2010/40/EU on the framework for the deployment of Intelligent Transport Systems and, the proposal for a Regulation on Alternative Fuels Infrastructure (AFIR)².

→ **Deliverable:** The sub-group shall produce a document¹ concluding and recommending to the Commission the role and responsibilities of the different types of market actors in order to create an open data ecosystem for alternative fuels. In particular, the following aspects shall be addressed:

- The document shall describe the role and responsibilities of every type of market player, considering B2G, B2C and B2B interactions.
- The document shall conclude the preferred market architecture in conjunction with the Member States' NAPs for alternative fuels, ensuring the provision of data with the required quality and frequency in order to enable the secondary use of these data by third party providers in support of the creation of new services.
- The document shall conclude and recommend the preferred NAP architecture (i.e., database, data warehouse, data market place, data register), identifying the advantages and disadvantages of each format.
- The document shall elaborate and recommend the characteristics of an EU Access Point, acting as a single European data gateway for alternative fuels data.
- The document shall assess the incentives of every type of market actor for the creation of an open and competitive data ecosystem.
- The document shall outline possible technical specifications which may be required for the transmission and reception of data in real-time among the different market players.
- The document shall identify specific regulatory needs.

→ **Timeline:** 2 December 2022

² <https://eur-lex.europa.eu/legal-content/en/TXT/?uri=CELEX:52021PC0559>

2. Working Programme 2022 as part of the Sub-group's objectives.

The activity and tasks included under the Working Programme 2022 correspond to the fulfilling of the mission stated in the Terms of Reference (ToR) for the sub-group.

- **1st year (2021):** Characterisation of the data dimensions required to set up an open data ecosystem for alternative fuels and, mapping of the roles and responsibilities of the different types of market actors. These deliverables will assist the Commission in the preparation of secondary legislation under the new AFIR proposal in support of the preferred data framework.
- **2nd year (2022):** Finalization of the pending elements in the deliverables assisting the Commission with questions and proposals stemming from the AFIR ordinary legislative procedure and in the preparation of secondary legislation.