FCREX

Fuel Cell Range Extender, German Aerospace Center

What challenge or problem are you addressing? What is the need for the project?

Evermore people in Europe are living in cities and ordering online. Consequently, cities suffer traffic jams and carbon emission. A fundamental part of this issue is caused by the transport sector. Cargo pedelecs are emission free and could be the answer. But batteries cannot provide the necessary amount of energy. The FCREX for cargo pedelecs from the German Aerospace Center solves this problem.

Need:

1. Partners for the production of the **technology**
2. Partners from cargo sector for its **validation**

Objective of the project: What your project wants to achieve/change

- Transfer of the FCREX technology from science to application.
- Concept for the integration of this innovative technology into delivery chains.
- Reducing the rate of combustion engine vehicles for urban cargo transport.

Why do you need transnational cooperation?

1. **Technology:** The fuel cell value chain includes companies from different NWE countries. An Interreg project enables the efficient cooperation and strengthens the European fuel cell market.

2. **Validation:** Cargo transport is transnational. Thus, the different transnational conditions must be taken into consideration in order to gain the necessary insights for a concept that integrates FCREX cargo pedelecs in delivery chains.

What kind or partners are you looking for?

1. **Technology**: Producers of fuel cell systems, system components and its periphery for the further development and subsequent mass production.

2. **Validation**: Commercial fleet operators from transport sector for the validation of the technology with users.

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