

Press Information

(January 2021)



Successful Kick-off Meeting of Newly Launched EU Project CoachHyfied

Kick-Off of joint research project CoachHyfied: EU funds demonstration of fuel cell coaches for regional and long-distance passenger transport with 5 million €. The demonstration phase under real operation conditions of the coaches will last up to three years.

A consortium of 14 partners from all over Europe took the goals of the European Green Deal to reduce CO₂ emissions by at least 50% by 2030 and to reach a complete climate neutrality by 2050 as an opportunity to join forces and drive the development of fuel cell systems for coaches forward.

Regarding long haul transportation of people and goods, battery electric powertrains cannot fulfil the requirements in terms of weight and range. The ambitious climate targets call for a common European strategy, especially in the intensively growing transport sector.

The project addresses exactly this point. The main goal of CoachHyfied is to present solutions for challenges in the medium range regional and long-distance public and commercial transport sector by developing and operating six fuel cell coaches at two regions in Latvia and France in two to three-year demonstration phases.

Two types of coaches will be investigated: One set is dedicated to OEM-based new-built fuel cell coaches and the other one will be a retrofitting of existing coaches in order to provide answers for a second life use of environmentally outdated coach chassis, too.

The use of green hydrogen from renewable sources will generate significant data for typical use cases and a further improvement of the technology for local and regional authorities, coach manufacturers and energy suppliers.

Project Facts:

Title: Coaches with hydrogen fuel cell powertrains for regional and long-distance passenger transport with energy optimized powertrains and cost optimized design (CoachHyfied)

Duration: 01/2021 – 12/2025

Total budget: 7.33 million € (5 million € funding)

Further Information: <https://coachyfried.eu/>

Project partners:

- FEV Europe GmbH
- Ballard Power Systems Europe A/S
- Coventry University
- ElringKlinger Fuelcell Systems Austria GmbH
- I SEE Electric Busses GmbH
- Ford Otomotiv Sanayi A.Ş.
- Otokar A.Ş.
- RWTH Aachen University
- Engie Energie Services
- HyPORT
- KIWA Nederland BV
- Dobeles Autobus parks
- NPROXX B.V
- Trezors

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FUEL CELLS AND HYDROGEN
JOINT UNDERTAKING



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