



DOLPHIN project

Newsletter
March 2019

The overall aim of the project is to validate **disruptive technologies for 100 kW light-weight & compact fuel cell stack designs**, reaching outstanding (specific & volumetric) power density while simultaneously featuring enhanced durability (under automotive application conditions) compared to state-of-the-art, and compatible with large scale/mass production of full power-stacks.



Main outcomes of the meeting:

- Specific commercial reference against which developments in dolphin will be compared has been defined.
- Test protocols have been agreed.
- Main technical priorities for the next six months were agreed
- Materials tracker files have been exchanged between partners
- Next progress meeting will take place in Ulm, organised by ZSW.

Materials exchange between partner has already started: (1) Nafion membranes from Chemours were sent to Manchester. (2) Graphene coated Nafion membranes were sent from Manchester to CEA. (3) First Carbon-based sheets were sent from Hexcel to CEA



This project has received funding from the Fuel Cells and Hydrogen 2 Joint Undertaking under grant agreement No. 826204. This Joint Undertaking receives support from the European Union's Horizon 2020 Research and Innovation programme, Hydrogen Europe and Hydrogen Europe Research

