



Hydrogen Europe: European Hydrogen & Fuel cell Project Database

Project REVIVE

Refuse Vehicle Innovation and Validation in Europe

REVIVE will significantly advance the state of development of fuel cell refuse trucks, by integrating fuel cell powertrains into 15 vehicles and deploying them in 8 sites across Europe. The project will deliver substantial technical progress by integrating fuel cell systems from three major suppliers and developing effective hardware and control strategies to meet highly demanding refuse truck duty cycles. Specific work on standardisation will ensure that the lessons learned are applicable to the full range of OEMs supplying vehicles into the European market, helping to accelerate the introduction of next generation products. In parallel, the demonstration activities will greatly raise awareness of the viability of fuel cells as a solution to demanding heavy duty vehicle uses (and raise public awareness of hydrogen mobility more generally due to the visibility of the trucks). A successful demonstration of fuel cell trucks will have substantial impacts beyond the technical progress delivered by the project itself, as it will enable public authorities to continue implementing bold decarbonisation strategies by providing clear evidence that viable zero emissions solutions will exist for all vehicle types in the medium term. The project will also support the wider rollout of hydrogen mobility by introducing a further source of hydrogen demand that can improve the economics of existing and future refuelling station deployments, in turn facilitating the rollout of other vehicle types.

Project Information

Type of project : Demonstration

Timing : 01/01/2018 > 31/12/2021

Project Budget : 8.706.255 €

Funding

European Union through FCH JU: [Grant agreement 779589 - CORDIS link](#)

Project partners

Coordinator :

AZIENDA SERVIZI MUNICIPALIZZATI DI MERANO SPA

Partners :

[CEA - Commissariat à l'énergie atomique et aux énergies alternatives](#)

[Symbio](#)

[WaterstofNet vzw](#)

ELEMENT ENERGY LIMITED

E-TRUCKSEUROPE

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STAD ANTWERPEN

SUEZ NEDERLAND HOLDING BV

SWISSHYDROGEN SA

[Sub project\(s\)](#)

Sub project 1

Country: Our events

Address:

Sub project categories

Demonstration

Project Id: 1242

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