



Wystrach presents tank container

It's been quiet on the H2-Share front recently, but now the momentum is building again. Within H2-Share the German company Wystrach GmbH is commissioned to design, build and demonstrate a low energy mobile refueler. Wystrach has now unveiled its tank container (a part of the mobile refueler). Dirk Paessens, Project manager at Wystrach, gave us the following interview:

How is your company going about the building of the refueler?

"We started some time ago with an idea for a mobile refuelling station, set up in a first concept of two containers. It was as a result of our mobile refueler concept that we were asked to join the H2-Share project. We learned quickly that, while the idea for the refueler was quite good, there was still a lot of work to be done both with regards to engineering and compliance with Interreg requirements. In order to achieve this we set up a development team, which we still have today."

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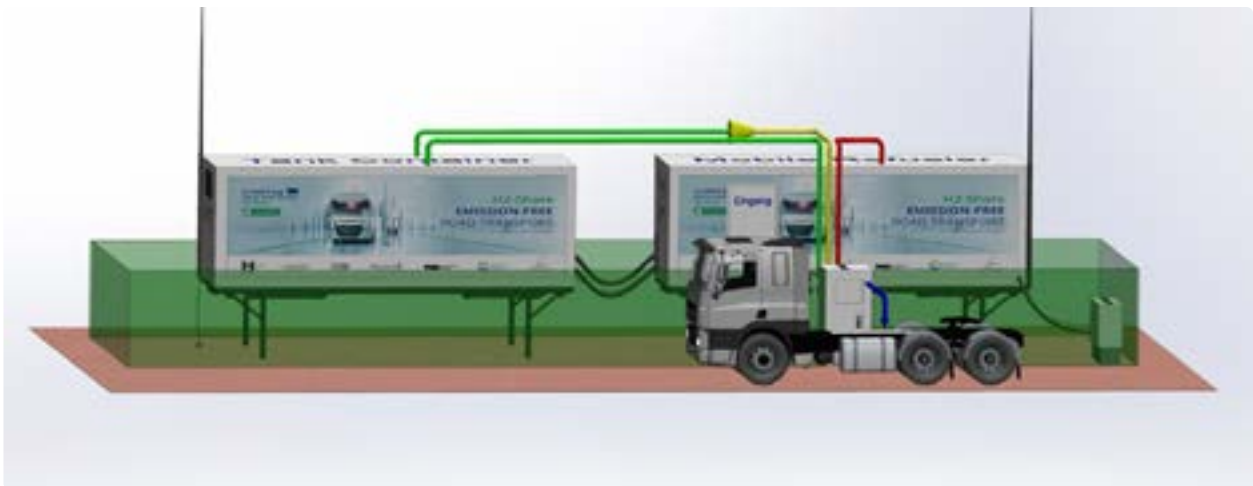
VDL ready to go full force

In the meantime VDL is also going full force to have the truck developed by the end of the year. Most of the challenges have been met, but there are still some last hurdles to overcome. Pieter Bastiaansen, Manager New Business Development at VDL, explains:

How is your company going about building the truck?

“The project builds on another project (Hydrogen Region 2.0, funded by Interreg Vlaanderen-Nederland) where we built a 44 tonne hydrogen truck. This in turn built on an earlier project, that we started in 2016, in which we produced an electric truck with a H2 range extender positioned in the trailer. We use the same basic components but the manner in which we integrate them is what defines the H2-Share project. It takes the next step in creating reliable technology in an innovative way. The concept is now fully developed and the technical specifications have been discussed in close cooperation with input from end-users. The process is still ongoing. This dialogue is essential for us in delivering on expectations. We will develop a new vehicle, but it won't be available on every shop floor.”

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Demonstration programme

H2-Share targets for 6 demonstrations as of January 2019. At the moment, cities and demonstrators are being selected and preparations are ongoing. The H2-Share truck and mobile refueler will be demonstrated in the following cities and by these end-users:

- Eindhoven (NL) - CURE
- Rotterdam (NL) - Breytner
- Stüttgart (DE) - DHL
- Brussels (BE) - Colruyt
- Rochefort-sur-Nenon (FR) - Colruyt
- Breda (NL) - DHL

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Furthermore, besides the development of the truck and mobile refueler, the H2-Share partners are also working on other topics:

- A market potential study is being made which forms the basis for a North-West European roadmap for the development of fuel cell electric heavy-duty trucks;
- A demonstration programme has been made which will be used for the preparations of the different demonstrations;
- Preparations are ongoing to develop a dedicated website or knowledge portal for fuel cell electric heavy-duty trucks;
- The project has already reached out to a group of transport operators. 40 transport operators showed their interest in following the project more closely. The aim is to engage at least 50 transport operators;
- Different regions in North-West Europe have been contacted to discuss heavy-duty opportunities. A first joint webinar was organised with 13 'following' regions. These regions are located in Belgium, Ireland, The Netherlands, Scotland, England, Germany and France.

Do you know transport operators who might be interested as well? Do put them in touch with us! (see contact details below)



For more information

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