

Interreg

North-West Europe

HECTOR Project



European Regional Development Fund

NEWS

March 2023



2022 Review

2022 was a busy year for the HECTOR project. Five out of the seven trucks have now been delivered to partner regions where they have been put through their paces on trial routes.

PreZero Operational Launch – Sept 2022

PreZero Nederland - a specialist in waste and raw materials management launched their hydrogen-powered vehicle for waste collection in Arnhem. The launch event took place on 8th September 2022 in Arnhem, The Netherlands and even made the national news. Video - [watch from 7:10](#)

This hydrogen truck will be used for the collection of underground containers using a specialist crane. The truck refuels at the hydrogen filling station on the Westervoortsedijk in Arnhem. The vehicle can fill up to 15kg hydrogen and collects waste for two days.

The deployment of the truck will provide a wealth of information that will play a key role in the future decisions around how the waste industry in the Netherlands can continue to reduce CO2 emissions.

[Read the launch on Twitter](#)

[News article online](#)





Operational update from WBD, Duisburg

Since launching their truck into operation in May 2021, the Duisburg truck has been operating well with lower operational costs than the diesel equivalent due to rising fuel costs.

The truck has been in daily operation driving on residual waste collection routes within the City of Duisburg which also includes driving at faster speeds on the highway.

The truck, which is a 27 tonne FAUN bluepower, empties over 900 bins per day which can be up to 20 tonnes over a 90km route.

To date the truck has driven over 30,000 km with zero emissions from the exhaust.

Initial results suggest that the efficiency is the same as a diesel truck however acceleration is better and operational costs are lower than that of the diesel equivalent. And best of all, the drivers are happy with its performance!



Groningen

In very exciting news, the HECTOR Project was featured in an episode that was broadcasted on national tv and is part of a 4-episode series on hydrogen. The episode is in Dutch with English subtitles. Groningen are planning to launch their truck in the next few months.

[View episode here](#)



Trucks in the initial testing and trial phase:

AGR, Herten



Aberdeen City Council, Aberdeen



ARP-GAN, Brussels



Looking ahead to 2023:

- Official launches of the AGR, Groningen and CCTVI trucks
- Partner Meeting & official launch of the AGR truck – 29th-30th March (Herten, Germany. Hosted by AGR)
- HECTOR Final Conference: 25th – 26th October (Aberdeen, Scotland. Hosted by ACC and in conjunction with the SHFCA annual conference. Follow this [link](#) for more details)

Contacts:

If you would like to know more about the HECTOR project:

Follow us on twitter [@project_hector](#)

Website: nweurope.eu/hector

Email: aperry@aberdeencity.gov.uk