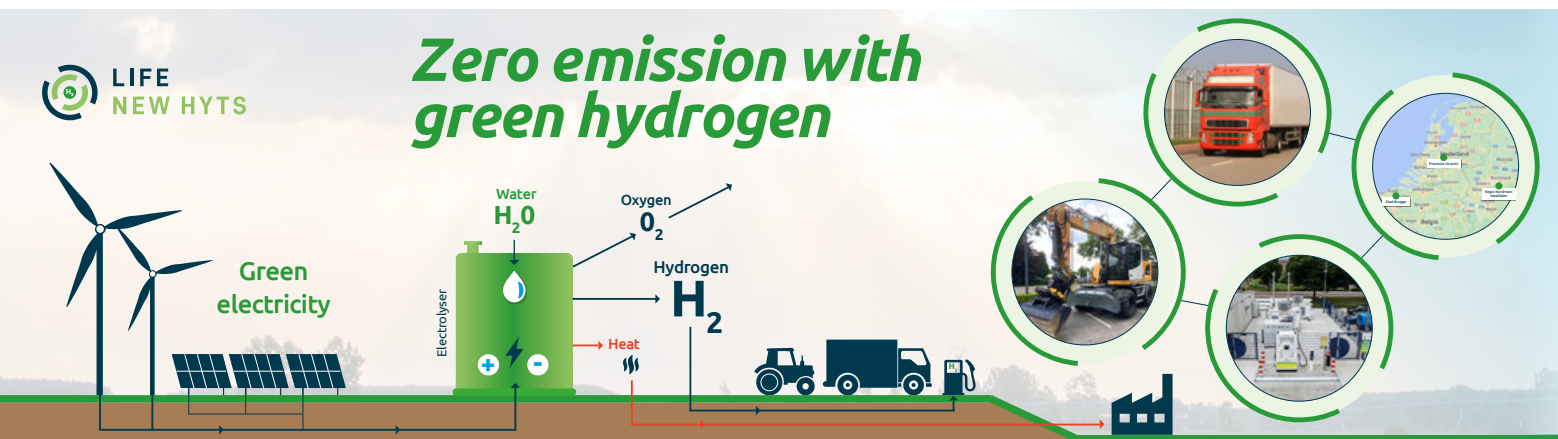


- European Union (EU) 2030 target: 32% renewable energy
- Transport sector 2030 target: at least 14% renewable energy
- Hydrogen will play a crucial role to achieve these goals
- Hydrogen fuel cells are ideally suited for powering light and heavy electric trucks on both short and long distances
- Green hydrogen avoids greenhouse gas emissions
- The province of Utrecht is the most important transport hub of the Netherlands and the region has the highest transport density
- LIFE NEW HYTS shows that it can be done: a demonstration project for regional production, distribution and use of green hydrogen
- LIFE NEW HYTS connects the region and neighbouring countries, shares knowledge with other municipalities in the province and with the regions of Bruges in Belgium and North Rhine-Westphalia in Germany



LIFE NEW HYTS is a demonstration project in Nieuwegein, the Netherlands, to show the feasibility of local production, distribution and use of green hydrogen in road transport. The project focuses on hydrogen-powered light and heavy-duty transport vehicles. The purchase of hydrogen-powered excavators, tractors and trucks is an integral part of the project. The electrolyser produces up to 300 tonnes of green hydrogen per year using green electricity. The green hydrogen is transported via a pipeline to the existing Hysolar public hydrogen refuelling station, where light and heavy vehicles will be refuelled.



LIFE NEW HYTS sets the right conditions for the rapid introduction of green hydrogen-powered heavy transport vehicles by pioneering at local and regional level. LIFE NEW HYTS stands for reNEWable green HYdrogen for TranSport.



CLEANER AIR



GREEN HYDROGEN PRODUCTION



HYDROGEN-POWERED FREIGHT VEHICLES



GREEN HYDROGEN-POWERED MACHINERY



REGION AND NEIGHBOURING COUNTRIES ARE INVOLVED



HYDROGEN-POWERED VEHICLE TRAINING

HYDROGEN UTRECHT (WATERSTOF UTRECHT)

The province of Utrecht is the most important transport hub of the Netherlands and the region has the highest transport density. In order to stimulate hydrogen in the transport sector, the province of Utrecht launched the Hydrogen in Mobility Utrecht Province Covenant also known as 'Waterstof Utrecht'. Over 111 parties have joined the covenant to make mobility in the region more sustainable.

LIFE NEW HYTS is a collaboration between KWR Water Research Institute, the province of Utrecht, Hysolar, Stamhuis, Jos Scholman Beheer B.V. and Van den Heerik's Internationaal Transportbedrijf B.V. and is co-funded by the European Union.



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