



Interreg

Alpine Space



Co-funded by
the European Union

H2MA

The evolution of **CLEAN HYDROGEN**



Perspectives from
production to use
in mobility and
industry

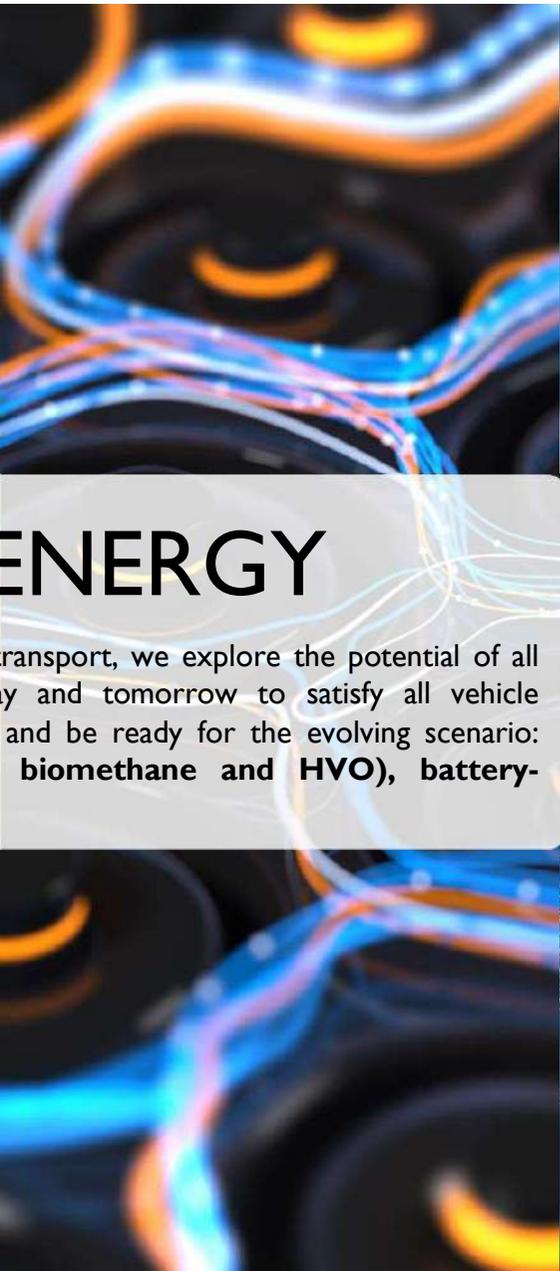
29th of October 2025
Venezia Heritage Tower
(Marghera, Venice)



Role of hydrogen in the logistics and freight transport sector

Andrés Fernández Durán; Manager H2 Technologies and Fuel Cell Application

I V E C O • G R O U P



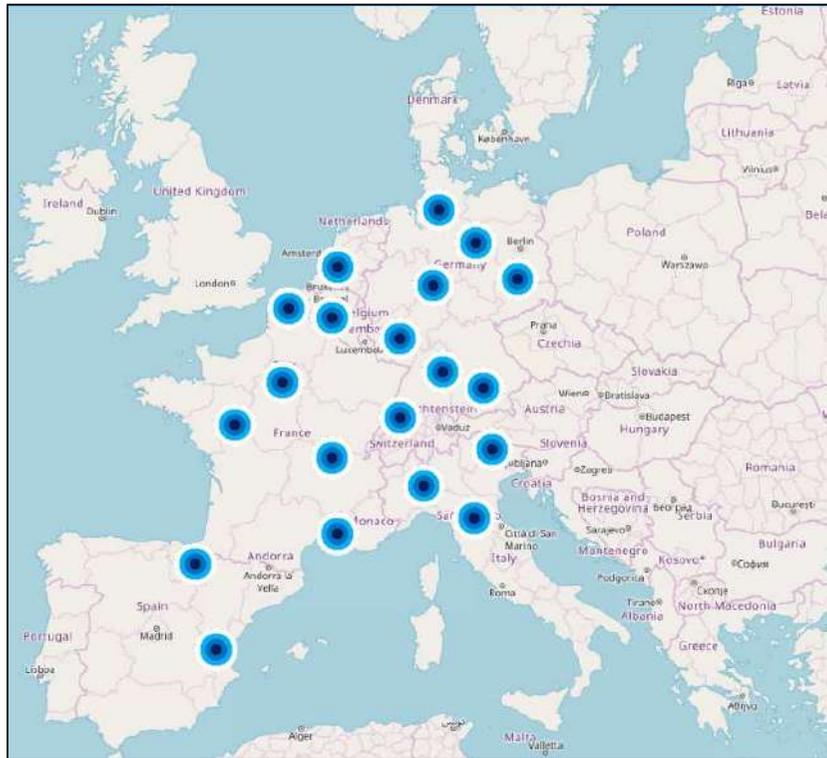
MULTI-ENERGY

On our road towards zero-emission transport, we explore the potential of all technologies and fuels available today and tomorrow to satisfy all vehicle applications and Customer's missions and be ready for the evolving scenario: **natural gas, bio-fuels (including biomethane and HVO), battery-electric and hydrogen.**

H2 TRUCK ECOSYSTEM DEVELOPING SUPPORTED BY EU, MEMBER STATES, INVESTORS AND H2 STAKEHOLDERS



2025-30 ACTIVATION PHASE *Project-driven Demand*



Tents HRS, Hundreds H2-Trucks



2030+ SCALE-UP PHASE *Market-driven Demand*



Hundreds HRS, Thousands H2-Trucks

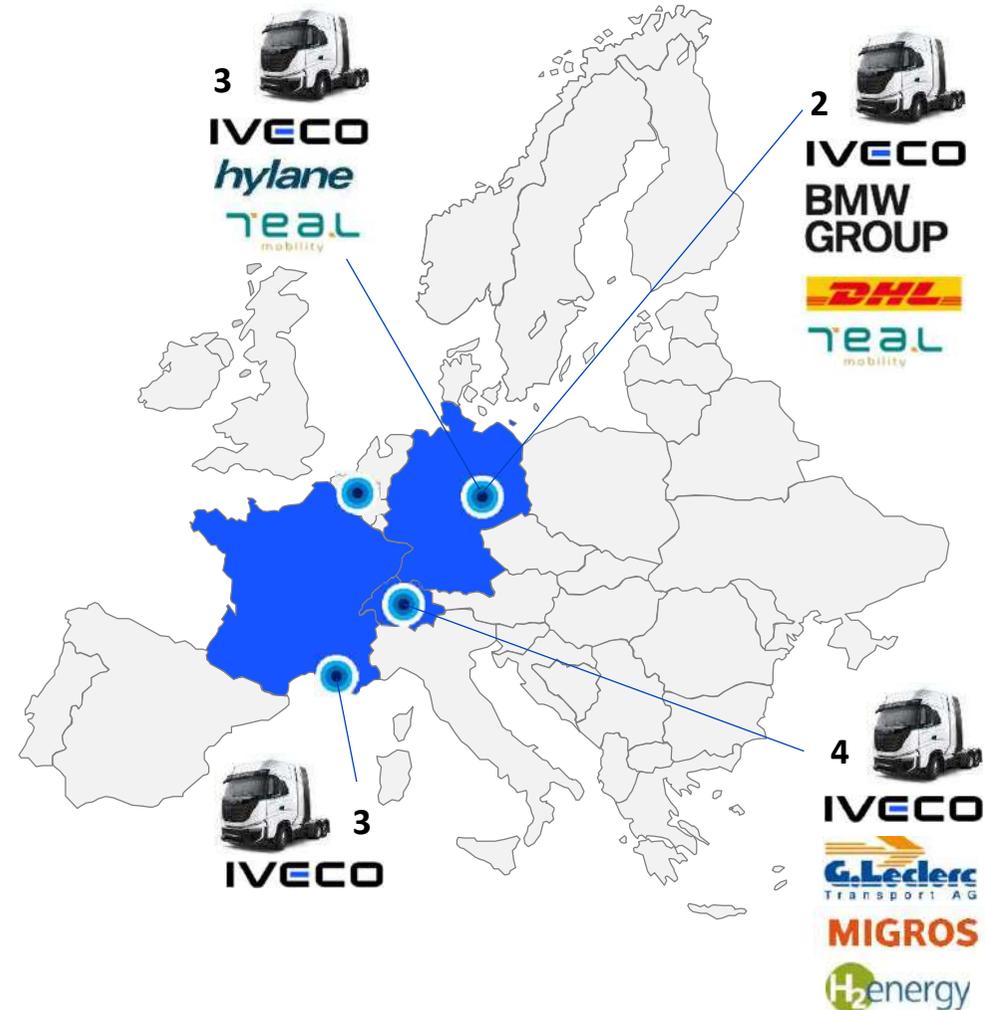
H2HAUL PROJECT MAIN OBJECTIVES



- Develop and demonstrate H2 Fuel Cell Electric Trucks to meet customer requirements in a variety of operating environments
- Install new Hydrogen Refuelling Stations to supply trucks with reliable and low carbon H2
- Monitor vehicle and infrastructure performance to assess their technical, economic and environmental performance
- Prepare the European market for the further deployment of hydrogen-fuelled trucks disseminating information on the project to a wide audience of relevant stakeholders



<https://www.h2haul.eu/>



S-EWAY FCEV PRE-SERIES



up to
24,7 t payload at 44 t GCW

up to
800 km range

less than
20 min refueling time

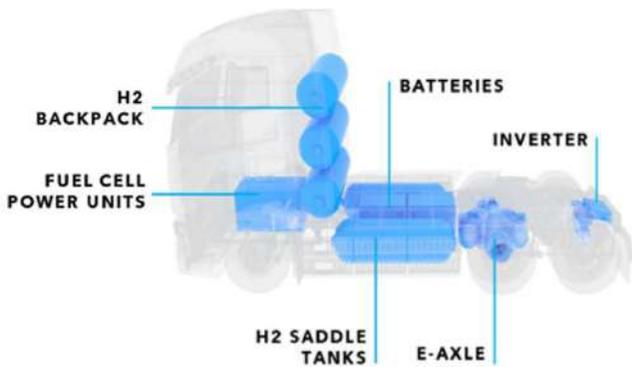
Masses and Dimensions
Elongated Cab no length limitations

Fuel Cell System
224kW BoL* (Bosch Twinbox)

Battery
140 kWh (common with BEV)

eAxle
400 kW continuous (FPT)

Hydrogen Storage
70 kg H2 at 700 bar (usable)



*BoL: Begin of Life

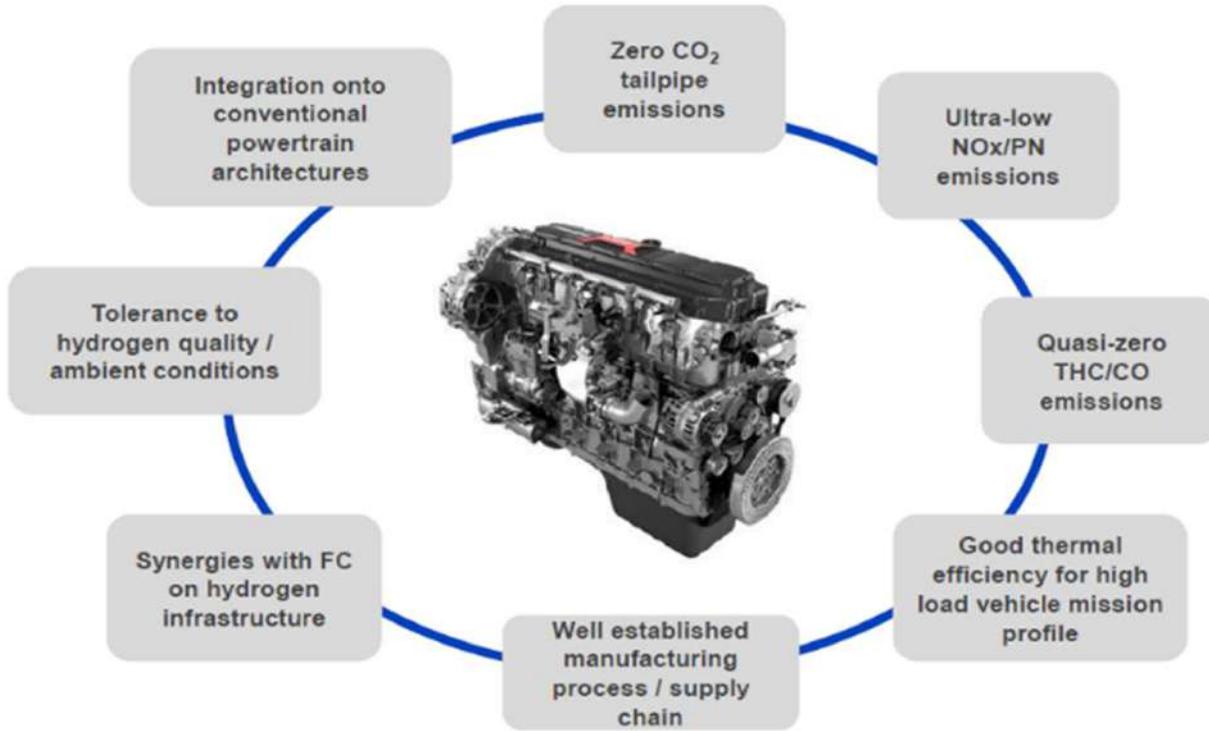
H2HAUL CUSTOMER FIELD TEST

IVECO



H2-ICE UNDER PRE-DEVELOPMENT AIMING TO CONTRIBUTE TO THE TECHNOLOGY SELECTION FOR OUR 2030 OBJECTIVES

IVECO



C9 H2-ICE in Series-hybrid concept premiere at IAA 2024



xC13 H2-ICE proto premiere at IAA 2024

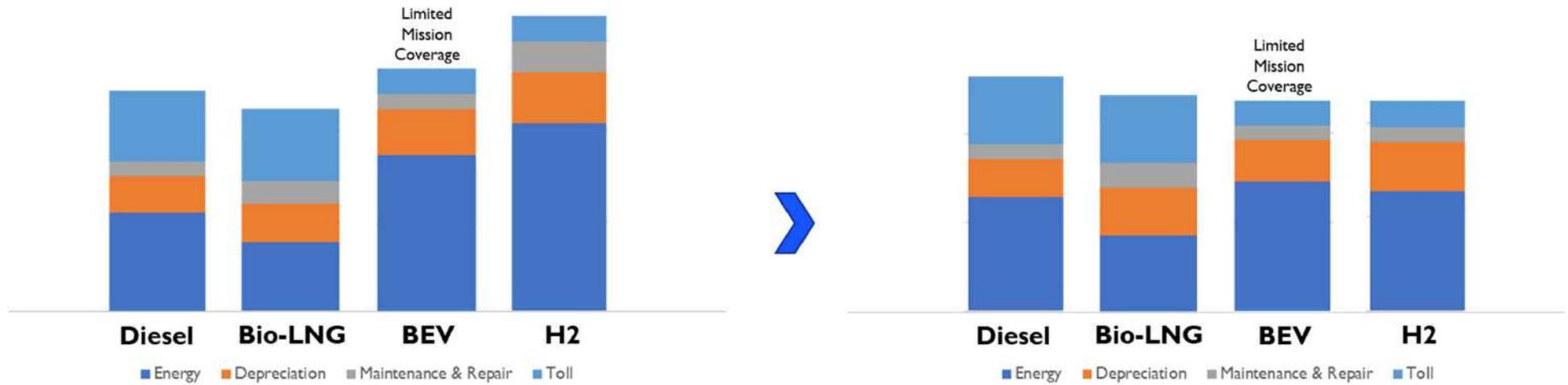
EU POLICIES AND SUBSIDIES NECESSARY TO ESTABLISH THE H2 TRUCK ECOSYSTEM AND CREATE CONDITIONS FOR COMPETITIVENESS

TCO WALK 2030

GERMANY – ARTIC 40T – LONG HAUL 130.000 KM/Y – 7Y HOLDING PERIOD

2025

2030+



DIVERSE FCEV APPLICATIONS UNDER DEVELOPMENT / PRE-DEVELOPMENT TO ADDRESS THE MOST PROMISING USE-CASES

IVECO

IVECO E-WAY H2 FCEV



First proto premiere at Bus World 2023. SOP mid 2025

IVECO eDAILY FCEV



First proto premiere at IAA 2022. Customer trial in 2025

IVECO  -eWAY Fuel Cell

IVECO



THANK YOU.