



Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir
This project is co-funded by the European Union
and the Republic of Türkiye



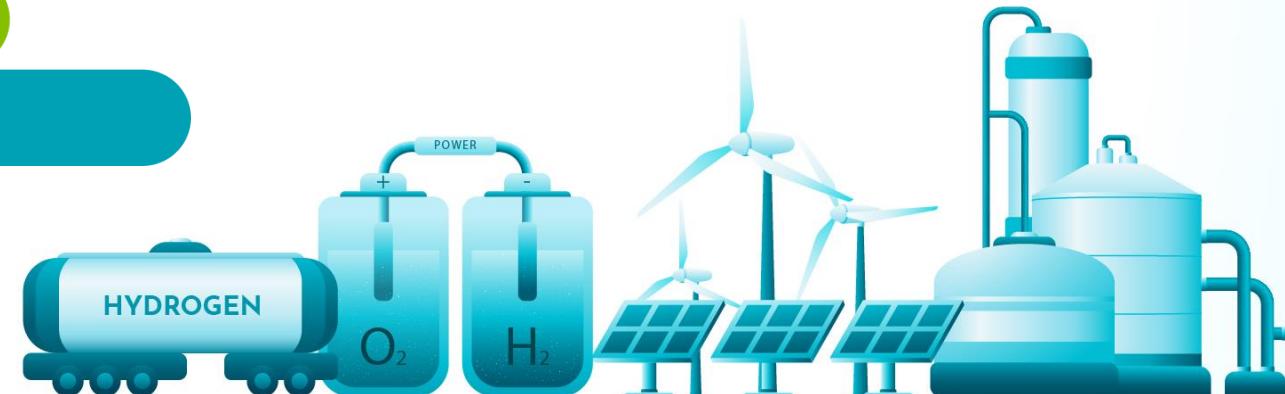
International Brokerage Event on Clean Hydrogen Partnership 2024 Call

Online

Presenter Full Name: Özcan GÜL

Organization: FORD OTOSAN

E-mail: ogul1@ford.com.tr



- **Ford Trucks**, the global brand of Ford Otosan, which started a great transformation journey with **zero emission, connected, and autonomous technologies** with the "Generation F movement".
- **Ford Trucks** currently working on various projects including **Electrification, FCEV, and H2 ICE** to cater to diverse fleet and customer requirements and align with the ACEA's Declaration of Transition to **Zero Emission** Freight Transportation-compliant 2040 target.



Ford Trucks has pushed its efforts to further develop zero-emission products and technologies by joining the Horizon Europe zero-emission logistics project ZEFES (www.zefes.eu).



- ❖ A FCEV F-MAX concept being developed for Horizon Europe ZEFES project; planned to execute **real-world demonstrations** on European Ten-T (Italy & Austria) corridor in **2025 and 2026** as part of the ZEFES project goals.



→ Ford Trucks will develop **FCEV** Tractor including **Fuel Cell Power Unit** within this projects' scope

Some of Ford Otosan's Engineering Competencies

- End-to-end experience in **design and development** of ICE (diesel, petrol, natural gas, and hydrogen) for passenger and commercial vehicle applications
- Extended knowledge and experience on **vehicle and powertrain system engineering, control, calibration, test and optimization**,
- Experienced in **CAE; 1D system** (powertrain and thermal) simulation and **3D CFD** modelling of oil, glycol\water and air fluid flow, all kinds of heat transfer and combustion.

Interested in Calls:

HORIZON-JTI-CLEANH2-2024-03-01: Balance of plant components, architectures and operation strategies for improved PEMFC system efficiency and lifetime

HORIZON-JTI-CLEANH2-2024-03-02: Scaling-up Balance of Plant components for efficient high-power heavy-duty applications

Ford Otosan is open to potential collaborations in the development of Fuel Cell Power Units and FCEVs that will add value to the product

Presenter Contact Details:

Full Name: Özcan Gül

Organization and Department: Ford Otosan / Product Development

Country: Turkey

Tel/E-mail/Web: ogul1@ford.com.tr / [Ford Otosan](#) / [Ford Trucks](#)