

Media release
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Thanks to green hydrogen, the link between the electricity and mobility sectors is becoming an economic reality in Switzerland

- **The first 2 MW electrolysis facility for the production of green hydrogen in Switzerland will become operational at the Gösgen hydropower plant at the end of 2019.**
- **Together with petrol station operators, logistics and trading partners, the joint venture between Hyundai Hydrogen Mobility (HHM) and Hydrospider is developing Europe's very first industrial hydrogen ecosystem.**
- **Hyundai's fuel cell technology is driving forward the zero-emission transport of the future.**
- **Delivery of Hyundai Motor's first 50 fuel cell trucks to Switzerland in 2020.**
- **HHM and Hydrospider are working with partners to create a strong business case for future mobility and energy solutions.**

Niedergösgen – Today, Hyundai Hydrogen Mobility (HHM), a joint venture between the Hyundai Motor Company and H2 Energy, reached an important milestone in its partnership with Hydrospider, a joint venture between Alpiq, H2 Energy and Linde, to establish a green hydrogen ecosystem in Switzerland and other European countries.

At Alpiq's Gösgen hydropower plant, HHM and Hydrospider presented a new business model for zero-emission mobility: It combines Hyundai's fuel cell lorries, Hydrospider's production of green hydrogen, a dedicated plan to establish the required fuelling infrastructure and logistics and transport companies that plan to use fuel cell lorries in the future. The partnership is thus making the link between the energy and mobility sectors in the field of road freight transport an economic reality.

Leading role in the development of hydrogen mobility in Europe

Hyundai is a leader in hydrogen technology applications in the mobility sector and intends to enter the European market for environmentally friendly heavy goods transport as a supplier of trucks. Early this year, Hyundai and H2 Energy announced the founding of a joint venture, Hyundai Hydrogen Mobility, with the purpose of shaping and decisively advancing hydrogen mobility in Europe.

Within the framework of this partnership, HHM plans to bring 1600 fuel cell electric trucks onto the Swiss market by 2025, thus implementing the automobile manufacturer's entry into the European commercial vehicle sector with emission-free mobility solutions. The company will offer these fuel cell-powered electric lorries to the members of the H2 Mobility Switzerland association and to other transport and logistics companies that promote hydrogen-powered mobility in Switzerland.

In the next step, HHM also intends to position itself on the European market for electric commercial vehicles based on fuel cell technology. In view of Europe's strict regulations for CO₂ emissions, there is great demand for solutions in the field of zero-emission mobility. Currently, the focus lies on the development of solutions and partner networks in Germany, the Netherlands, Austria and Norway.

2 MW electrolysis plant is a decisive milestone

Hydrospider AG was founded at the beginning of 2019 with the purpose of producing green hydrogen, storing it and supplying it to petrol stations. This joint venture is owned by Alpiq (45%), H2 Energy (45%) and Linde (10%). The electrolysis facility for the production of green hydrogen at Alpiq's Gösgen hydropower station will be commissioned in late 2019 – a decisive milestone in this project.

HHM, Hydrospider and the members of the H2 Mobility Switzerland association are working together to create the infrastructure for a strong business case for fuel cell truck mobility solutions.

Hyundai unveiled further information of the new Hyundai H2 XCIENT

During the event at the Gösgen hydropower plant, Hyundai unveiled further information on the Hyundai H2 XCIENT. The next generation fuel cell electric truck was developed in accordance with European standards. It features a new 190 kW hydrogen fuel cell system with two fuel cell stacks connected in parallel. Seven hydrogen tanks provide a storage capacity for almost 35 kg of hydrogen and a range of approximately 400 km. The first 50 Hyundai H2 XCIENT fuel cell trucks are scheduled to be delivered to Switzerland in 2020.

Find more information about Hydrospider AG on www.hydrospider.ch

Find more information about Hyundai Motor Europe on www.hyundai.news

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