

## GoH! Press release: the 100% Swiss green hydrogen truck will be at the Assises Européennes de la Transition Energétique

From the 31<sup>st</sup> of May to the 2<sup>nd</sup> of June 2022, a 40-ton truck, powered by hydrogen and completely created by Swiss companies, will be exhibited at Geneva Palexpo, during the 23<sup>d</sup> edition of the Assises Européennes de la Transition Energétique. This project, communicated for the first time in November 2019, is coming into its own.

It is the fruit of a close collaboration bringing together four companies and one foundation within the ambitious GoH! Generation of Hydrogen program.

Migros Genève, by transporting its products with the truck *GoH!*, which only releases water, Migros is fulfilling its promise to reduce its carbon footprint and consolidating its progress towards sustainable logistics. GreenGT, a pioneer in the research and development of high-power electric-hydrogen propulsion solutions for mobility, has created the powertrain and the architecture of the vehicle. Les Services Industriels de Genève (SIG), supplying energy to the whole Genevan territory (especially water, gas, and thermic energy) have developed a project of green hydrogen production to fuel the truck in energy from renewable and local energy. LARAG is involved in projects for the use of vehicles with alternative propulsion systems to contribute to the development of sustainable mobility. As part of the project *GoH!*, LARAG is modifying the chassis of the original truck to incorporate hydrogen propulsion. To make the transition to sustainable mobility a reality, the Nomads foundation leads and coordinates the consortium of the four *GoH!* partners to ensure the success of the project. Its actions range from general coordination to analyzing the impact on the development of the professions and training of tomorrow.

However, the *GoH!* Generation of Hydrogen project does not only consist of an electric-hydrogen propulsion truck. It is a global concept, which, through the realization of this vehicle, connects an ensemble of knowledge, allowing an integrated approach to decarbonized mobility in the years to come. This new technology will rely on new skills, which will require a deep transformation of formal training, in order to dispose, in these pioneering technologies, qualified professionals.

The Nomads foundation makes this goal its priority: Switzerland, known worldwide for its training and schooling system must keep its rank by preparing its apprentices and specialists to master the technologies of the future. The *GoH!* initiative is the ideal opportunity to use a technological innovation as a springboard to implement an ambitious evolution of training in the relevant professions. This transversal program integrates a whole value chain including logistics and training. It does not limit itself only to a prototype but constitutes the starting point of a constructive answer to the much needed ecological transition.

## GoH! partners

### **Migros Genève:**

*Better everyday life*

Anchored in the heart of the canton since 1945, Migros Geneva offers high quality food and non-food products at the best prices. The company is owned by more than 135,000 cooperative members. Its status as a cooperative, with no shareholders to remunerate, allows it to invest effectively in the medium and long term, particularly in terms of sustainable development. A dynamic partner of the local economy, Migros Geneva reinvests its profits for the benefit of consumers, employees, and the regional quality of life. The company is active in Geneva, in the district of Nyon and in neighboring France and is keen to stay close to its customers in a welcoming and efficient sales network. When it comes to sustainability, Migros is committed with firm promises and concrete projects and contributes to a future we all want. Migros does everything in its power to protect the environment, promote sustainable consumption, apply exemplary social conditions for society and employees and promote a healthy lifestyle. In all its activities, including transport, Migros strives to find balanced economic, ecological and social solutions. By transporting its goods with the *GoH!*, which only releases water, Migros is fulfilling its promise to reduce its carbon footprint and consolidating its progress towards sustainable logistics.

### **GreenGT:**

GreenGT is a benchmark company at the international level, engaged for a decade in the research and development of high-power electric-hydrogen mobility solutions. The independent company, located in Switzerland and France, has acquired experience and expertise in three areas of the hydrogen energy transition: engineering and systems dedicated to mobility (land, air, sea) and static vehicles. high power, motorsport and the development of responsible hydrogen ecosystems at the scale of territories (cities, regions) and sectors of activity.

### **SIG:**

Every day, SIG provides essential services to Genevans. It provides water, gas, electricity, thermal energy and supports the development of smart districts for Geneva. It treats wastewater, recovers waste and implements energy and environmental efficiency programs. Through its collaboration, SIG contributes to the development of sustainable mobility and the deployment of alternative energy sources in order to support the energy transition.

### **LARAG:**

LARAG est le spécialiste suisse des véhicules utilitaires et poids lourds, et des moteurs, y compris des moteurs alternatifs. La société offre un service complet autour des véhicules utilitaires – de la vente de véhicules neufs à la conception des véhicules et génie mécanique, en passant par les réparations et la remise en état de véhicules accidentés. Grâce à son connaissance spécialisée et à son expérience, LARAG offre des solutions spécifiques aux clients. LARAG est représenté sur l'ensemble de la Suisse par 8 succursales, également à Genève. Pour LARAG la formation est une réelle priorité. En effet, environ un cinquième de ces employés sont des apprentis. Dans le cadre du projet *GoH!*, elle est en charge de l'assemblage de la chaîne de propulsion de GreenGT. LARAG s'engage également à mettre en œuvre une formation de mécaniciens dans le domaine de la propulsion à l'hydrogène ainsi que la maintenance du prototype adaptée aux nouveaux éléments.

**Nomads Foundation:**

The Nomads Foundation is a private, public, non-profit foundation. It offers its partners a multidisciplinary co-creation platform. Creator of links, the Nomads Foundation makes it possible to imagine and develop joint projects with strong impacts around transversal themes (mobility, energy efficiency, Greenjobs, etc.). In addition to offering concerted and concrete solutions to the societal challenges of today and tomorrow, the Nomads Foundation relies on these projects and members to integrate changes in skills needs across the board. It thus participates, with its partners, in anticipating the training of tomorrow.

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