PRESS RELEASE

Nevomo completes construction of railway infrastructure and begins installation of MagRail system equipment on the test track in Nowa Sarzyna, Poland

- **Europe's longest full-scale test track for passive magnetic levitation at CIECH Sarzyna premises**

Warsaw, 17 March 2022 – **Nevomo**, the developer of the innovative, hyperloop-inspired MagRail technology, has completed the first stage of construction of the longest passive magnetic levitation test track in Europe. In the south-eastern part of Poland, on the premises of **CIECH Sarzyna** in the Podkarpackie voivodeship, a railway track measuring 700 metres in length was built in a construction standard allowing to reach a speed of up to 160 kph (99.5 mph).

The test track in Nowa Sarzyna will be used to test magnetic levitation, vehicle and infrastructure operation, power system operation and vehicle-infrastructure cooperation.

> *At the beginning of March, we began installing the equipment necessary for magnetic levitation - a linear motor between the rails, a levitation-stabilizing raceway on the outer rail area, and a power supply system. In the meantime, we are also assembling a prototype of the vehicle we want to levitate. We plan to start full testing as early as this summer,* says **Łukasz Mielczarek, Head of Infrastructure & Co-founder of Nevomo**, and adds, *With successfully completed tests, the door for pilot implementations is open. We plan to do it together with our partner Rete Ferroviaria Italiana, the Italian infrastructure manager*.

Magnetic rail technology, called **MagRail,** was developed by Nevomo to significantly increase the efficiency of existing rail infrastructure. This globally unique solution makes both magnetic vehicles and conventional trains possible to operate on the same lines without making any changes to the existing rolling stock. Thanks to the linear electric propulsion, advanced automation and the phenomenon of magnetic levitation, rail vehicles will be able to run on existing railway tracks with speeds of up to 550 kph (342 mph).

MagRail technology allows fully automated driving, increased frequency, catenary-free and human error-free operation, with timetables adapted to the needs of passengers and changing passenger flows. As a result, the implementation of MagRail technology will significantly increase the capacity of railway lines and reduce maintenance costs by approximately 20-30%. MagRail also means lower construction costs compared to high-speed railways.

The project is co-financed by the European Union from the European Regional Development Fund under the Intelligent Development Programme. The project is implemented under the competition of the National Centre for Research and Development called Fast Track.

About Nevomo

Nevomo is a leading supplier of innovative key components for hyperloop and the next generation of high-speed railways (MagRail). Its unique approach will enable quick and gradual implementation of transport systems inspired by the hyperloop concept, starting with the use of existing corridor routes. By adapting the existing railway infrastructure, the company aims to enable travel with a speed of up to 550 kph. This will be possible thanks to the development of MagRail technology, a magnetic railway system that makes use of existing railway tracks. Both traditional trains and MagRail vehicles can operate on the same railway line interchangeably. Nevomo is the first company in the world proposing a gradual implementation of hyperloop-inspired solutions as an upgrade to the railway industry.

About CIECH Sarzyna

CIECH Sarzyna is one of the key companies of the CIECH Group, and together with Proplan, it represents the AGRO business unit of the CIECH Group. It specializes in the production of plant protection products (PPP) and is the largest Polish manufacturer of PPPs and a sales leader on the herbicides market. The company, in addition to key European countries, also supports markets in North and South America, Asia, Africa and Australia. Its products reach over 40 countries around the globe. CIECH Sarzyna's modern plant located in south-eastern Poland is one of the key advantages of the company.

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