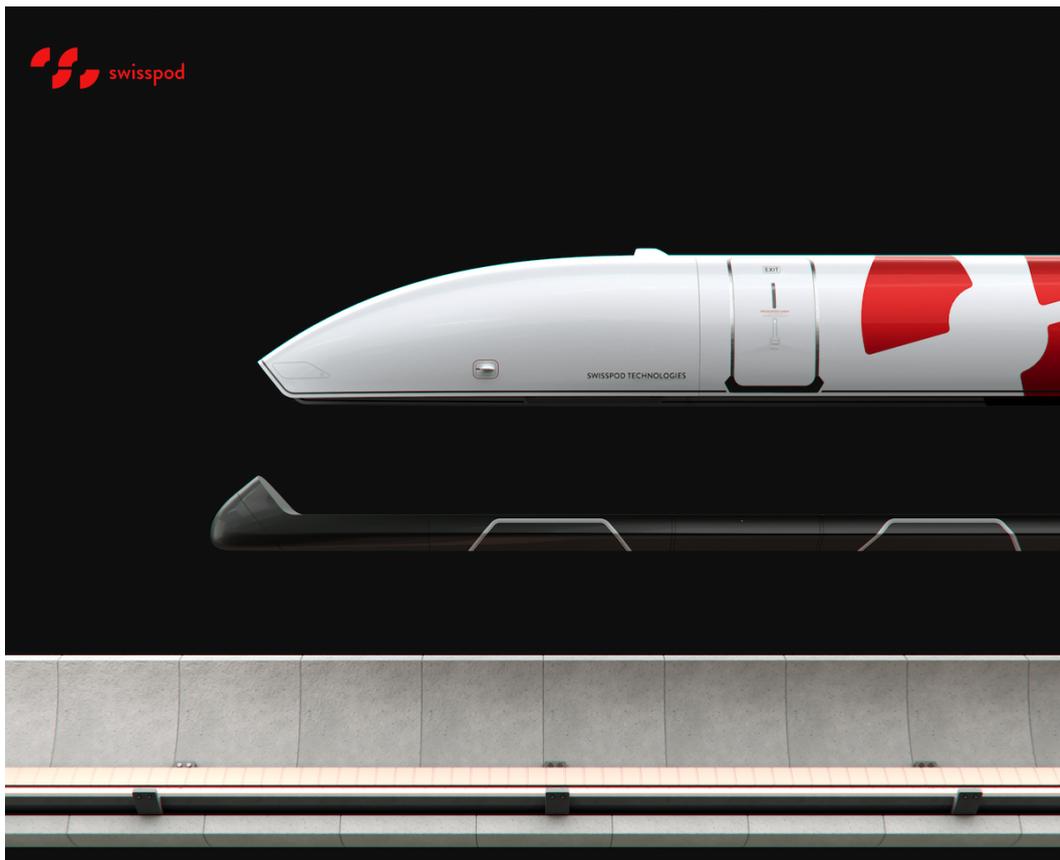


Swisspod Receives 2nd Grant From The Swiss Confederation, Boosts Research for Novel Hyperloop Vibration Monitoring System

Swisspod, in partnership with Haute Ecole ARC, received a Swiss grant from Innosuisse for researching Vibration Monitoring for Hyperloop Systems

Swisspod, one of the leading players in the emerging market of Hyperloop, and the Swiss-based University of Applied Sciences [Haute Ecole ARC](#) (HE-Arc Ingénierie), have received a grant from Switzerland's Government for accelerating the research of a novel, more efficient Vibration Monitoring System for Hyperloop. The grant is part of the Innovation Cheque program administered by Innosuisse, the Swiss Innovation Agency.



Swisspod Hyperloop Capsule - [link to download](#)

Blazing the Trail for Hyperloop with Next-Gen Vibration Monitoring Technology

With a focus on finding innovative and efficient ways for tackling major roadblocks for Hyperloop implementation, Swisspod aims to introduce a new way of using vibration technology, by developing a novel Vibration Monitoring System for both the capsule and the infrastructure.

Currently, vibration technology, more precisely vibration control, is being deployed on electrodynamic and electromagnetic suspensions, with the purpose of ensuring a smooth ride of the Hyperloop capsule on the track. Extending the use of it through a network of smart sensors for vibration monitoring would bring significant improvements in terms of system health monitoring and predictive maintenance, hence driving a real impact in terms of cost-efficiency.

"Vibration monitoring is critical from a technological perspective, as it considerably reduces operational costs through predictive maintenance. As an alternative but equally important standpoint, optimally monitoring vibrations will allow us to ensure a pleasant, safe and smooth traveling experience for both passengers and cargo transportation. We're delighted to have HE-Arc as a partner for the development of this extremely important part of the Hyperloop system", says **Vlad Iorgulescu, Swisspod's Chief Operating Officer**.

Breeding a Culture of Collaboration Towards a New Mode of Transportation

Renowned for its superior academic programs in the field of Technology and Innovation, HE-Arc has undertaken fundamental and applied research in the field of vibration and acoustics engineering. Coupled with Swisspod team's advanced engineering know-how and industry proficiency, HE-Arc's long-lasting expertise will be vital for developing a competitive and efficient Vibration Monitoring system.

The HE-Arc team is excited to join forces with Swisspod on a journey towards more sustainability in transportation of goods and people. Partnering with best-in-class companies and fast-growing startups in Switzerland, such as Swisspod, is the insurance to keep our research interest aligned with industrial requirements and state of the art technologies. Using our academic knowledge in vibration and acoustics to help the Swisspod's team boost the development of its technical solution is a great achievement for our team, and surely the beginning of a long-lasting collaboration", **Alexandre Staub, Research Associate at HE-Arc** states.

A Vote of Confidence from the Swiss Government

This marks the second subsidy received by Swisspod in less than a year from the Swiss Government, through an Innosuisse funding program, aimed at fast-tracking the development of the company's

Hyperloop system. In mid-2021, Swisspod, together with its partners from The Swiss Federal Institute of Technology Lausanne (EPFL) and The School of Engineering and Management Vaud (HEIG-VD, have been assigned a grant for building [the first operational Hyperloop Testing Facility in Europe](#), located in Lausanne, and developing a novel propulsion system for high-speeds on long distances.

"We are grateful for the continuous support from the Swiss Confederation as well as for the strong partnerships we've established. It's the second federal grant we have received in the last year, and it builds a solid foundation of trust in Swisspod and our mission, reinforcing a powerful sense of recognition of our top-of-the-league engineering team and its diligent effort and commitment to enable an ultra-fast, more sustainable transportation system", Denis Tudor, CEO and Co-founder of Swisspod, said.

The announcement comes promptly after Swisspod announced it has also [successfully closed its latest Seed Round in December 2021](#). Backed by 5 top-tier investors such as ACE & Company – a global investment group with a track-record of supporting innovative emerging technology companies, including SpaceX, and READ-HP Investments, the funding proceeds will be invested in developing the company's second full-scale testing facility in the U.S.

About Swisspod

Swisspod is a Swiss-American transportation technology company leading the development of the most sustainable, efficient and comprehensive Hyperloop solution. The company was founded in 2019 by Denis Tudor, CEO, and Cyril Dénéreáz, CTO, two multiple-award winners of the SpaceX Hyperloop Competition.

Swisspod aims to change the way people travel by connecting every major city using sustainable, carbon-neutral, energy-efficient and high-speed transportation solutions. The company envisions a continental map of connections between major cities that will facilitate collaboration, accelerate human progress, and create a more prosperous future for the generations to come.

For more information, visit www.swisspod.ch and follow Swisspod on [LinkedIn](#), [Facebook](#), [Instagram](#), [Twitter](#) and [YouTube](#) for ongoing updates.

About HE-Arc - Haute Ecole Arc

Founded in 2004 to bring together the HES forces of the cantons of the Swiss Jura Arc, the Haute Ecole Arc (HE-Arc) now welcomes more than 3,000 students, teachers and staff members on its main training campuses in Neuchâtel and Delémont, as well as within its Applied Research and Development Units in

the Bernese Jura and the Neuchâtel area. Guided by a desire to drive innovation, creativity, dynamism and transparency, it pursues the main missions assigned to universities by the Confederation in the fields of training and research.

With specialized skills of its teaching staff, the diversity of its training courses and the quality of its equipment, the Haute Ecole Arc is a recognized player and a privileged partner in the industrial, political, academic and institutional worlds. The only tri-cantonal school and North Pole of French-speaking Switzerland for the HES-SO, the Haute Ecole Arc has four areas of training: Conservation-Restoration, Management, Engineering and Health.

For more information, visit www.he-arc.ch | [Facebook](#) | [Instagram](#) | [Twitter](#) | [LinkedIn](#)

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