



## News Release

# Four data science projects supported by the SDSC and the Canton of Vaud

Lausanne, 30<sup>th</sup> April 2026.

**The Swiss Data Science Center (SDSC) and the Canton of Vaud have selected four projects from the 57 submissions received during their second call for Vaud projects. These projects address data science and AI challenges in managing printing machines, glaucoma prevention and monitoring, measuring data for obesity or addiction treatment, and processing responses to parliamentary inquiries. An additional training program was launched to help fourteen other companies and institutions create AI prototypes.**

With 7.5 million francs in funding for the 2024–2028 period, the partnership between the Swiss Data Science Center and the Canton of Vaud is financing a collaborative innovation program that brings together companies, universities, and public institutions to embed AI into the economy of Vaud. A total of four proposals were chosen during the second call for projects. They will benefit from the Canton's financial support as well as the technical expertise in data science and AI from the SDSC.

Through this support, the selected companies can tackle various challenges. To prevent technical issues, *Bobst*, the manufacturer of printing machinery, will create predictive maintenance tools. *Bewe Lab*, a technology startup, will pursue the development of its mobile application, which is designed to evaluate compulsive cravings, particularly in the context of obesity. *Perivision* is going to enhance its platform's diagnostic and monitoring capabilities for glaucoma. And a system providing simple, interactive access to parliamentary interventions will be put into place by the cantonal administration.

## Vaud as a hub for data science and AI innovation

*“The chosen projects show how data use can help a wide range of stakeholders,”* says Raphaël Conz, head of the Canton of Vaud Department for Economic and Innovation Promotion (SPEI). *“Collaborating with the SDSC provides a distinctive opportunity for private and public sector stakeholders in the canton to develop AI projects. Our partnership is a concrete example of how we strive to bring innovation - and AI in particular - to small and medium-sized businesses in the Canton of Vaud on a daily basis.”*

This program offers a one-year technical support for each project. *“The goal is to create an applied solution that can be scaled up by the supported entities,”* notes Silvia Quarteroni, Head of Innovation at SDSC. *“It is essential that project initiators can start quickly, gather a sufficient volume of relevant data, and have an innovative mindset.”*

## Supporting the first steps toward AI

57 projects were received for this call for projects in fields such as healthcare, energy, and digital society. *“We are seeing growing interest in the strategic use of data,”* highlights Johanna Dousse, Program Lead at the SDSC. *“For many SMEs, artificial intelligence represents above all a great opportunity to innovate, even if it is not always easy to figure out where to begin with.”*

Therefore, the SDSC has started an additional coaching program in collaboration with the University of Lausanne (UNIL) and the University of Applied Sciences and Arts of the Canton of Vaud (HEIG-VD) to support 14 organizations and businesses in creating a strategy and methodology for data collection and data management. The goal is to be able to develop a prototype within a six months' time frame. These projects are of diverse nature - from the management of electricity generated by solar panels and the promotion of sustainable mobility, up to predictive maintenance and air pollution monitoring. The supported organizations can learn about the legal and technical sides of data management over the course of a day and a half of training and one-on-one coaching.

### **The four selected projects**

#### *Bobst Mex SA, Mex*

The project will develop a real-time monitoring system for the performance of a central module in printing machines installed at customer sites. A predictive maintenance platform will enable the anticipation of breakdowns so that actions can be taken proactively, extending the lifespan of components and reducing the number of incidents and necessary repairs by one-third.

#### *Bewe Lab SA, Epalinges*

The startup has created a user-friendly app capable of estimating compulsive cravings based on reaction times - valuable data for treating obesity or addiction. The collaboration with the SDSC will help refine data analysis. Partners include stakeholders from hospitals, health insurances, and medtech sectors.

#### *Perivision SA, Epalinges*

The company has developed a platform that uses virtual reality glasses to measure the impact of glaucoma on visual fields - information that is crucial for the prevention and treatment of the disease. The project will improve these predictions by analyzing data from patients from the University Hospital of Bern.

#### *Direction générale du numérique et des systèmes d'information (DGNSI), Lausanne*

The ParlAnalytics project addresses a major democratic challenge in a context of high-volume institutional exchanges: it leverages AI capabilities to optimize the administration's processing of responses to parliamentary inquiries. Another objective is to improve the transparency and clarity of public action by making the documentary legacy easily accessible.

### **About support from the State of Vaud**

Reinforcing Vaud's position as a leading center for data science and AI, the Canton of Vaud supports the development of the SDSC on its territory, particularly its own premises at Biopôle, and stimulates collaborative innovation through calls for projects initiated by SPEI involving local research institutes, SMEs, and start-ups. These calls for projects receive CHF 1.5 million in funding per year over the period 2025–2028, with the aim of developing solutions with economic and societal impact in areas such as life sciences, energy, sustainability, and digital transformation.

### **About the Swiss Data Science Center (SDSC)**

The Swiss Data Science Center (SDSC) is a national research infrastructure in data science and artificial intelligence (AI), founded by EPFL and ETH Zurich. Its mission - to enable data-driven science and innovation for societal impact - drives its initiatives in research projects, knowledge and technology transfer, and education. With a large multidisciplinary team of professionals in Lausanne, Zurich and Villigen, the SDSC provides expertise and services to various domains, such as health and biomedical sciences, energy and sustainability, climate and environment, and large-scale scientific infrastructures. The SDSC also contributes to initial and executive education programs at EPFL and ETH Zurich. For more information please visit: [www.datascience.ch](http://www.datascience.ch)