

Université de Moncton and Dassault Systèmes Partner to Solve Urban Development Challenges in Canada with Virtual Twins

- **New project, announced at VivaTech 2025, aims to address housing, urban densification and ecological conservation challenges in the southeastern region of New Brunswick**
- **Collaborative virtual environments will enable stakeholders to model, analyze and plan sustainable solutions for growing populations in Dieppe and Moncton**
- **Dassault Systèmes will use its 3DEXPERIENCE platform to create a virtual twin of a zone in New Brunswick enriched with territorial data from the Université de Moncton and other local partners**

VELIZY-VILLACOUBLAY, France — June 16, 2025 — [Dassault Systèmes](#) (Euronext Paris: FR0014003TT8, DSY.PA) and the [Université de Moncton](#), Canada's largest French-language university outside Québec, today announced the launch of a new project aimed to solve housing, urban densification and ecological conservation challenges in the southeastern region of New Brunswick, Canada. The partnership was signed at VivaTech 2025 in Paris.

The six-month project will develop collaborative virtual environments to model, analyze and plan sustainable urban development in the cities of Dieppe and Moncton - two of Canada's fastest growing metropolitan areas in the last 20 years - all while establishing a protected wildlife corridor in the southeastern part of New Brunswick.

In addition to the Université de Moncton and Dassault Systèmes, the project brings together several Canadian partners: the cities of Dieppe and Moncton, the Southeast Regional Service Commission, Collège Communautaire du Nouveau-Brunswick, and the New Brunswick-based businesses Black Arcs and Remsoft.

Dassault Systèmes will use its 3DEXPERIENCE platform to create, maintain and analyze a virtual twin of a zone in New Brunswick measuring approximately 386 miles² (1,000 km²). This virtual twin is enriched with territorial data on buildings, zoning, mobility, biodiversity and more, provided by the partners.

Stakeholders will use this virtual twin to share information, test and evaluate different planning scenarios, evaluate the impacts of urban densification, and make informed decisions to optimize

housing planning and preserve ecological corridors that are essential to the region's environmental wellbeing.

“Our partnership will enable the Université de Moncton to benefit from a large-scale territory virtual twin that is delivered quickly through a managed solution that reduces costs and risks. Local stakeholders will be able to simulate what-if scenarios, evaluate options and take informed decisions – all on the 3DEXPERIENCE platform – to solve complex real-life challenges and optimize quality of life in the region of New Brunswick,” said Josephine Ong, Vice President, Cities and Public Services Industry, Dassault Systèmes.

“This partnership with Dassault Systèmes positions the Université de Moncton at the forefront of digital innovation applied to urban and environmental issues. We are proud to put our expertise at the service of a project with strong regional and international impact,” said Francis LeBlanc, associate vice-rector for research and dean of the Faculty of Graduate Studies and Research, Université de Moncton.

This collaboration was made possible thanks to the support of Opportunities New Brunswick (ONB), which played a key role in fostering the connection between Dassault Systèmes and the Université de Moncton.

“New Brunswick is truly a hub of innovation and collaboration. This partnership demonstrates the strength of the connections between research, industry, and regional development. Together, we are creating solutions that have a real local impact and significant global potential,” said Luke Randall, minister responsible for Opportunities New Brunswick.

This project represents an important step forward for urban development in New Brunswick. By combining Dassault Systèmes' technology with local expertise, it will help plan city growth more effectively while protecting the environment. The approach could also serve as a model for other regions in Canada and beyond.

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About Dassault Systèmes

Dassault Systèmes is a catalyst for human progress. Since 1981, the company has pioneered virtual worlds to improve real life for consumers, patients and citizens. With Dassault Systèmes' 3DEXPERIENCE platform, 370,000 customers of all sizes, in all industries, can collaborate, imagine and create sustainable innovations that drive meaningful impact. For more information, visit: www.3ds.com

About the Université de Moncton

Founded in 1963 in New Brunswick, the Université de Moncton is the largest French-language university in Canada outside Quebec, with three campuses in Edmundston, Moncton and Shippagan. Its mission is to transmit knowledge, advance research and contribute to the development of its community, by training committed, creative people who are open to the world. The Université de Moncton also plays an important role in the development of the Acadian and francophone community, regionally, nationally and internationally. For more information, visit: www.umoncton.ca.

About Opportunities New Brunswick

Opportunities New Brunswick is a Crown corporation and the lead economic development agency for the Government of New Brunswick, Canada. It seeks to attract and support opportunities to stimulate the economy and create jobs by providing support services for businesses. For more information, visit: www.onbcanada.ca

Dassault Systèmes Press Contacts

Corporate / France	Arnaud MALHERBE	arnaud.malherbe@3ds.com	+33 (0)1 61 62 87 73
North America	Natasha LEVANTI	natasha.levanti@3ds.com	+1 (508) 449 8097
EMEA	Virginie BLINDENBERG	virginie.blindenbergl@3ds.com	+33 (0) 1 61 62 84 21
China	Grace MU	grace.mu@3ds.com	+86 10 6536 2288
Japan	Reina YAMAGUCHI	reina.yamaguchi@3ds.com	+81 90 9325 2545
Korea	Jeemin JEONG	jeemin.jeong@3ds.com	+82 2 3271 6653
India	Priyanka PANDEY	priyanka.pandey@3ds.com	+91 9886302179
AP South	Hazel FOO	hazel.foo@3ds.com	+65 8333 3484

Université de Moncton Press Contact

Direction des communications

Université de Moncton

communication@umoncton.ca

www.umoncton.ca

