

Contact: Jordan Wasyluk  
LouAnn Gosselin

## **State-of-the-Art North America Battery Technology Centre begins to Take Shape at Stellantis ARDC**

- First steel columns begin to take shape in construction of state-of-the-art, North America Battery Technology Centre at Stellantis Automotive Research and Development Centre (ARDC) complex in Windsor, Ontario
  - Facility will enable in-house testing and development of EV battery packs for upcoming Stellantis brand products
- With 100,000 square feet and 35 climatic test cells and 11 reach-in test cells, the Battery Technology Centre at ARDC will serve as the hub for all Stellantis EV battery testing in North America
- Integrating the capability to develop, test and manufacture battery packs and manage software is a key element of the Stellantis strategy to produce class-leading BEVs with customer-focused performance and lower costs
- Construction is expected to be completed in mid-2024 with full-scale operations scheduled to begin for the first quarter of 2025
- Stellantis is transforming engineering and manufacturing facilities around the world as part of the Dare Forward 2030 strategic plan

November 21, 2023, Windsor, Ontario - The first of 228 steel structural columns weighing over 800 tonnes have begun to take shape in the ongoing construction of the new cutting-edge Stellantis North America Battery Technology Centre located at the Automotive Research and Development Centre (ARDC) in Windsor, Ontario.

Spanning an impressive 100,000 square feet, this state-of-the-art facility will soon house 35 walk-in climatic test cells for testing up to 63 packs, and 11 reach-in test cells for testing up to 132 cells. The facility will also perform testing through a climatic operation range of -40 degrees Celsius to +80 degrees Celsius.

The Battery Technology Centre will serve as the Stellantis North America hub for the development and validation of advanced Battery Electric Vehicle (BEV), Plug-in Hybrid Electric Vehicle (PHEV) and Hybrid Electric Vehicle (HEV) cells, modules and battery packs with a storage area capacity of 120 EV Battery Packs. The new Battery Technology Centre will also build on the ARDC's academic partnership with the University of Windsor on various testing projects.

"At Stellantis, we recognize the pivotal role that battery technology plays in electrifying the automotive industry. Our forthcoming North America Battery Technology Centre in Windsor will be key to design, test and produce class-leading products that will meet our customers' needs," said Ned Curic, Stellantis chief engineering & technology officer. "With multiple walk-in climatic test cells, we will rigorously evaluate batteries for pack testing, environmental durability tests, life cycle tests, and systems validation. This comprehensive testing process ensures our EV batteries are built to withstand the test of time, performing optimally in various conditions and accelerates bringing cutting-edge electric vehicles to our meet the needs of our customers."

The Battery Technology Centre is part of the major \$3.6 billion CAD (\$2.8 billion USD) investment Stellantis announced in May 2022, with support from all three levels of government, securing the future of its Windsor and Brampton assembly plants, and expanding the ARDC to accelerate the company's move to a sustainable future.

Construction is expected to be completed in mid-2024 with full-scale operations scheduled to begin for the first quarter of 2025 and will create an estimated 55 new highly qualified positions that will consist of engineers and

technicians onsite.

Just recently in September, Stellantis celebrated the grand opening of its Battery Technology Center for Europe, in Turin, Italy, as part of a global battery development and manufacturing network that will include six gigafactories.

These projects represent Stellantis' steadfast commitment to advancing battery technology for the electric vehicles of tomorrow as part of the Dare Forward 2030 strategic plan and its long-term electrification strategy to invest \$45 billion CAD (\$35 billion USD) through 2025 in electrification and software globally.

#### **Stellantis North America**

Stellantis (NYSE: STLA) is one of the world's leading automakers, aiming to provide clean, safe and affordable freedom of mobility for all. In North America, it's best known for producing and selling vehicles in a portfolio of iconic, innovative and award-winning brands, including Jeep®, Chrysler, Dodge//SRT, Ram, Alfa Romeo and Fiat. Stellantis is executing its [Dare Forward 2030](#), a bold strategic plan that paves the way to achieve the ambitious target of becoming a carbon net zero mobility tech company by 2038, while creating added value for all stakeholders.

#### **Follow company news and video on:**

Company blog: <http://blog.stellantisnorthamerica.com>

Media website: <http://media.stellantisnorthamerica.com>

Company website: [www.stellantis.com](http://www.stellantis.com)

LinkedIn: <https://www.linkedin.com/company/Stellantis>

Facebook: <https://www.facebook.com/StellantisNA>

Instagram: <https://www.instagram.com/stellantisna>

Twitter: [@StellantisNA](#)

YouTube: <http://youtube.com/StellantisNA>

-###-

Additional information and news from Stellantis are available at: <https://media.stellantisnorthamerica.com>