

Press Release
For Immediate Release



Vestechpro Is Investing in State-of-the-Art Equipment Thanks to a \$1.25M Grant from Canada Economic Development

Montreal, August 4, 2021 – Vestechpro, Apparel Research and Innovation Center, has acquired state-of-the-art equipment thanks to more than \$1.25 million in financial assistance from Canada Economic Development. This equipment, some of which is available in Canada for the first time, has strengthened the center's capacity for innovation. “Since 2011, we have encouraged players in the apparel industry to update their practices through personalized services including technical assistance, training, applied research, and the dissemination of information. By making this highly specialized equipment accessible in our laboratories, we are optimizing solutions offered to companies that really want to innovate and stand out,” explained Paulette Kaci, Vestechpro Director General.

Vestechpro is proud to provide the industry with essential equipment for apparel research and innovation, including several manikins with advanced functions, the Andi thermal manikin, Euveka’s Emineo manikin, the skin model, as well as other equipment that will be of great service to designers and manufacturers.

Only ten copies of the Andi model exist in the world. Equipped with 35 sensors that list physiological properties similar to those of a 35-year-old man, it makes it possible to develop apparel suitable for extreme temperatures and intense solar radiation. “Sweating” like a human, Andi can test protective garments designed to retain or dissipate moisture. [To learn more.](#)

The Emineo manikin robot is unique in Canada. Thanks to an advanced data management software, it reproduces an infinite number of morphologies in real time, thus participating in more inclusive and more sustainable product development practices. Designed in France, it facilitates the standardization of equipment intended for segments of the population that are less targeted in terms of applied research, for example, women (bulletproof vests, aerospace garments) and those who wear specialized sizes. [To learn more.](#)

The “skin model,” primarily intended for the sportswear industry, consolidates Quebec's expertise in clothing designed for physical activity and the outdoors thanks to a process that reproduces human skin using bronze plates with artificial pores. [To learn more.](#)

The "Fully Fashion" Japanese-designed knitting machine makes it possible to produce various garment items while limiting fabric waste. It is versatile and can continuously knit large yardages on which it is possible to cut patterns. [To learn more.](#)

Finally, the new Italian-made defibrator makes it possible to obtain a filling from fabric scraps that consists of short fibers which can be amalgamated with a new fiber to make a new yarn. This technology will encourage Quebec companies to introduce textile recycling, one of the flagship standards of the circular economy, into their business model. [To learn more.](#)

This state-of-the-art equipment will be accessible in a new laboratory space that is more particularly devoted to advanced research and product development. This is in addition to the three already accessible technical and technological laboratories at Vestechpro.

About Vestechpro

Vestechpro is a College Center for the Transfer of Technology (CCTT) specialized in apparel, affiliated with Cégep Marie-Victorin, and member of the Synchronex network.

Since its founding in 2011, its mission has been to support companies and organizations in the apparel industry in the development of innovative products and projects, by offering technical assistance, training and information dissemination services, and applied research.

As a Technology Access Center (Natural Sciences and Engineering Research Council of Canada), Vestechpro focuses on the following research areas: smart clothing, customized and medical apparel, digital strategies, and the circular economy.

[Learn more about Vestechpro in our last video](#) – [Website](#) - [LinkedIn](#)

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