

Service Provider Profile

Productivity & Innovation Voucher Program



The Verschuren Centre Inc.

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Proposed Services:

The Verschuren Centre (VC) offers contracted services to SMEs, industry partners, and community organizations in the areas of research and development, including bio-manufacturing, bio-agriculture, bio-marine processing, smart plastics, materials transformation, energy net-zero modeling, and sustainable resource use. Our shared-use facility provides the technical capacity support for a continuous stream of SME users to accelerate their path to market and preserve capital for future investment.

The VC is built on the foundation of a highly qualified team comprised of project managers, researchers, fermentation scientists, operators, engineers, and technicians. Our facility includes:

- Biosafety Level-1 and Biosafety Level-2 Labs
 - Fully Equipped Analytical Suite
 - Bio Manufacturing Pilot Facility with scale up to 1000L with end-to-end downstream processing
 - Bench and pilot polymer cast extrusion lines, and materials testing.
 - Marine Extraction Pilot Facility with scale up to 6000L with downstream processing
 - Plant Growth Room controlled environment for agricultural trials
 - Pilot Greenhouse 30'x60' with 900 sqft of automatic drip irrigation
- Our voucher services include:
- Applied Research
 - Proof of Concept & Feasibility Studies
 - Analytical Testing and Analytical Process Development
 - Rapid Process & Media Optimization, Trials, and Validation
 - Process Parameter Identification

- Process and Material/Product Characterization
- Process Control
- Energy Net-Zero Mapping

The **Productivity and Innovation Voucher Program** is intended to help small and medium sized businesses become more productive and innovative while building stronger linkages between businesses and Nova Scotian universities and colleges.

Got questions? For additional information, please contact:

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