WHAT IS THE GTN?
The Greenhouse Technology Network
greenhousetechnetwork.ca

WHAT IS GTN?

The **Greenhouse Technology Network (GTN)** is a consortium of research-focused centres that increases innovation capacity to grow the Ontario greenhouse industry. GTN Members collaborate with greenhouse and related technology businesses in Southern Ontario and solve challenges through applied research projects.

WHAT WE DO

The Greenhouse Technology Network (GTN) was created thanks to support from the federal government. **GTN helps greenhouse and related technology businesses in Southern Ontario solve innovation challenges by:**

- growing connections across the greenhouse ecosystem and facilitating research collaborations
- solving challenges by linking businesses with subject matter experts
- giving greenhouse and related technology businesses in Southern Ontario access to the best research expertise, equipment, facilities, and agile research project managers
- leveraging our funding to help businesses lower the risk of innovation

APPLIED RESEARCH PROJECTS

Submit applications anytime. Ongoing project intake at greenhoustechnetwork.ca/apply

Funding leveraged on eligible contributions up to 1:1 match

Businesses contribute cash (20% min.) and eligible, in-kind contributions are matched to $100k max/project

Successful project outcomes (on time, on budget) supported by professional research managers

All projects accepted for funding must be complete by March 31, 2024

CONNECT WITH US

For more information about the GTN or to discuss your technology challenge or project ideas, contact your local institution or the GTN project manager, **Rita Sterne** at info@greenhousetechnetwork.ca or 905-984-0486.

Let's talk #greenhousetechnology
Contact your local institution - or the GTN - for more details.
greenhousetechnetwork.ca

GTN members have a wide range of expertise and capabilities that support technology research for the greenhouse industry

Optimizing Production with Technology

- Applied genomics, propagation
- Growing trials
- Measurement & analysis of greenhouse environments (water, air, soil, growing media, lighting, nutrients, screening)
- Pollination Services
- Packing & Packaging Systems

Value-Added Sustainability through Technology

- Controlled Environment Agriculture
- Growing configurations, systems
- Robotics and Automated planting, harvesting
- Energy Management
- Technical Complexities
- Remote and urban growing
- Addressing Food Security/Safety

Growing Businesses using Technology

- Consumer Insights, Market Research
- Data Management, Mining
- Development of Local Varieties
- Workforce Development
- AI, IoT
- Industry 4.0 solutions
- Smart Systems

Eligible projects will be focused on new or improved technologies (for example: materials, systems, processes) and will support development, testing, or adoption. Eligible projects can be at any stage of development. Length of projects may vary based on the type of assistance required. Greenhouse and related technology businesses may participate in more than one applied research project.

Niagara College Canada — APPLIED DREAMS.

Elizabeth Best, Business Development
e. ebest@niagaracollege.ca
t. 905.641.2252 x4287

University of Guelph — Controlled Environment Systems Research Facility — IMPROVE LIFE.

Theresa Rondeau Vuk, Program Manager
e. trondeau@uoguelph.ca
t. 519.824.4120 x 52909

vineland RESEARCH & INNOVATION CENTRE

Wendy Allan, Business Development
e. wendy.allan@vinelandresearch.com
t. 226.201.1541

Let's talk #greenhousetechnology
Contact your local institution - or the GTN - for more details.
greenhousetechnetwork.ca

in f **Greenhouse Technology Network**   🐦 **@gtnontario**