



# WHAT IS THE GTN?

## The Greenhouse Technology Network

[greenhousetechnetwork.ca](http://greenhousetechnetwork.ca)



### WHAT IS THE 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

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 [greenhousetechnetwork.ca/apply](http://greenhousetechnetwork.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 completed by March 31, 2025

### CONNECT WITH US

For more information about the GTN or to discuss your technology challenge or project ideas, contact your local institution. Please see reverse side for more details.



Funded by:  
Federal Economic Development  
Agency for Southern Ontario

Financé par :  
Agence fédérale de développement  
économique pour le Sud de l'Ontario

Canada

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.

### 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

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

Let's talk **#greenhousetechnology**

Contact your local institution - or the GTN - for more details:



**ncinnovation.ca**  
e. [ddipietro@niagaracollege.ca](mailto:ddipietro@niagaracollege.ca)  
t. 905-735-2211 x 7056



**cesrf.uoguelph.ca**  
e. [trondeau@uoguelph.ca](mailto:trondeau@uoguelph.ca)  
t. 519-824-4120 x 52909



**vineland**  
RESEARCH & INNOVATION CENTRE

**vinelandresearch.com**  
e. [info@vinelandresearch.com](mailto:info@vinelandresearch.com)  
t. 365-833-4120



**brocku.ca/research-at-brock**  
e. [ibruhova@brocku.ca](mailto:ibruhova@brocku.ca)  
t. 905-688-5550 x 4449



**uwindsor.ca**  
e. [tschnek@uwindsor.ca](mailto:tschnek@uwindsor.ca)  
t. 519-984-1485



**greenhousetechnetwork.ca**  
e. [info@greenhousetechnetwork.ca](mailto:info@greenhousetechnetwork.ca)  
t. 905-984-0486



Funded by:  
Federal Economic Development  
Agency for Southern Ontario

Financé par :  
Agence fédérale de développement  
économique pour le Sud de l'Ontario

**Canada**