

ACADEMIC INSTITUTION	LAMBTON COLLEGE	PROJECT NAME	PROJECT ONE CIRCLE
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**NEED AND AUDIENCE**

- Project One Circle was developed to achieve the **goals of food security, land-based learning, economic development, job creation and entrepreneurship**
- Our project targeted Indigenous people from coast to coast.
- We learned about the needs and goals of our project during the needs assessment we conducted in each First Nation.

**ACTION TAKEN**

- We designed Project One Circle with the Nations – we did not go in with a predetermined solution
- **We have training programs** developed for all of our projects
- Community champions have been identified and training has begun to ensure a **transfer of the knowledge**, skills and abilities required to ensure sustainability. **We train trainers.**
- **THREE GREENHOUSES BUILT**
- **THREE AQUAPONICS FACILITIES UNDER CONSTRUCTION**
- **THREE SOLAR SYSTEMS INSTALLED**

**IMPACT**

- New sources of revenue and **sustainable food security for 7,061 people.**
- **Aquaponics requires 90% less water** than traditional farming, and there is **no need for added chemical nutrients.**
- **Litres of water saved** in the next 12 months is **2,418,772 L**
- **GHG emissions diverted** for the next year will be **700.8 metric tonnes**
- **21,714 kwh of solar electricity** has been created, which will **eliminate 40,389 tonnes of CO2 from our atmosphere.**

**STANDARD METRICS**

(These metrics are related only to the project presented and represent work done since March 1, 2021)

Individuals educated on climate action	N/A	Businesses educated on climate action	N/A
Litres of water conserved	2,418,772	Metric tonnes of waste diverted	N/A
GHG emissions diverted	700 tonnes	Dollar value of waste diverted in CAD \$	N/A

PROJECT START DATE	JUNE 2020
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IS THIS PROJECT WHOLLY-OWNED AND OPERATED BY THE TEAM?	NO
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