



Grounds to Grounds: Tuckshops tackling climate change

About

Where does most of Townsville's organic food and garden waste go? Into landfill. Where could it be better serving our climate, Reef, and economy? As nutrient-rich soil for our community's use.

This is the message of the Grounds to Grounds project as it empowers Townsville school students to turn their own tuckshop and home waste into HumiSoil® for use in sporting fields, food-growing beds, and to sell for school income.

By encouraging Townsville students — and in turn our community — to engage in world-leading soil practices, Townsville is stepping up its carbon sequestration, creating circular economies, and contributing to improved biodiversity and waterway health for the benefit of the Great Barrier Reef.

Students will learn about sustainability, environmental science, climate economics, and environmental stewardship through hands-on activities led by educators from Atlas Soils and local First Nations organisation, Three Big Rivers.

Curriculum will combine learnings from the Reef Assist Partnership program ('Ecological Fitness and Combining First Nations Wisdom with Modern Science') and soil health materials co-developed by Atlas Soils and Townsville City Council.

This project will see two schools complete the Grounds to Grounds program as a pilot for future expansion.

Project outcomes

- 30 tonnes of food waste from schools turned into HumiSoil Tuckshop Blend®
- Reducing Townsville school and community CO₂ emissions
- Sporting fields and food growing beds nourished by HumiSoil Tuckshop Blend®
- Student and community awareness of importance of soil health and local food production
- First Nations' traditional ecological knowledge shared through project
- Circular economy model developed to generate income for schools.

PROJECT NAME: Grounds to Grounds - Townsville's Tuckshops Tackling Climate Change with Innovative Circular Economy

PROJECT LEADER: Atlas Soils

COLLABORATORS: Three Big Rivers, Townsville City Council

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Atlas Soils



Three Big Rivers
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City of Townsville

