

OOP FOI PREM:EX

Subject: T'Souke Nation - Algae tour

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Location: 6080 Sooke Road (Green Houses behind Tim Hortons)

Start: Mon 2022-07-25 2:00 PM
End: Mon 2022-07-25 3:30 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: PREM CAL PREM:EX
Required Attendees: Dunnett, Jennifer PREM:EX; Louie, Ren LASS:EX
Optional Attendees: s.17

Media attending: Sooke News Mirror and Mary Brooke



SYNERGRAZE

SUSTAINABLE AGRICULTURE

Introduction

Cattle emissions account for 30% of all methane emissions globally. Methane is the second most abundant greenhouse gas emitted into the atmosphere from human related activity, after carbon dioxide. However, methane is approximately 25 times more potent as a heat trapping gas than is carbon dioxide.

Synergaze Inc is commercializing a livestock feed additive that is capable of drastically reducing methane emissions from the digestive systems of cattle and other ruminants (including chickens, bison and sheep). The research is proven but not yet commercialized. Research has demonstrated a 90% reduction of enteric methane in cattle and a 50% increase in the rate of weight gain.

Synergaze is a Canadian company incorporated in British Columbia and Alberta. Pilot scale production of Synergaze is located on the reserve lands of T'Sou-ke First Nation.

By significantly reducing methane emissions from cattle, Synergaze can assist Canada and its provinces in meeting their methane emissions reduction goals, help the US dairy industry meet its goal to reduce methane emissions by 25% and California's legislated 40% reduction in methane from dairy cattle by 2030 while helping farmers become part of the solution to global warming and positioning proponents to be world leaders and developers of a cutting-edge solution to global climate change.

Value Proposition to Cattle Operators:

- Green House Gas (GHG) mitigation and social license interests.
- May increase cattle rate of weight gain by as much as 50%
- Voluntary methane mitigation in cattle production qualifies for carbon credits in some jurisdictions
- Increased profits for cattle producers due to reduced feed costs

Canadian Herd Emission Reductions and Offsets:

- If 40% on Canada's cattle were supplemented with Synergaze, methane emissions from cattle could be reduced by 8.9 million Tonnes/CO₂e/yr

Founder and CEO:

Tamara Loiselle BSc, MA is Founder and CEO of Synergaze. From a BC ranching family, Tamara has a background in environmental science from the Faculty of Agriculture at the University of Alberta, and was faculty at Mount Royal University for over a decade where she taught science

in the Indigenous Education Program. In 2010, Ms. Loiselle was awarded a Queen's Diamond Jubilee Medal for her work with Indigenous communities and the environment. Ms. Loiselle has also recognized by TIME Magazine as a Hero Mom of the Year.

More information available on request

Contact information:

Tamara Loiselle, Founder and CEO Synergraze

Phone: 403.909.6671

Email: tamara@synergraze.com