



GTP AI-ML based Laser Drone

APPLICATIONS FOR AREA CONTROL OF
INVASIVE PLANT SPECIES

First Nation's Acknowledgment

I would like to acknowledge that the land on which I work in Prince George BC is located in the unceded traditional territory of the Lheidli T'enneh (Klate-lee Ten-eh) people. I acknowledge our traditional hosts and honour their welcome and graciousness to those who work, live, and play here.

*Green Tech Projects Corp. (GTP)
presents outline of its GTP Laser
Drone™ system with participation
opportunities*

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System Design Features

- Data library of invasive plant images for AI-ML machine learning to be created
- Projected success rate of 97% plant detection & control in treated areas
- Onsite fire suppression system through thermal camera drone and linked water sprayer drone. Will be working with Fire Departments for advice and system approvals
- Biodiversity credits to subsidize treatment costs linked to precision geotags and blockchain verification
- Laser with up to 100,000 shots/hour discharge rate
- Provincial coverage through established drone pilot network. Pilot training available
- Long term measurement of impact zones to validate value of laser treatment

Development Team

- BCIT – systems integration and testing through RPAS teaching centre
- Saiwa Inc. – Award winning AI-ML platform for invasive plant species
- Exclusive Laser Supplier – providing custom designed laser for drone mounting and invasives control
- SkyAG – Chief Pilot & drone advisor/supplier
- GTP – System design & Development Management/IP owner
- GTP has many years of complex project management experience and since 2018 AI-ML App development experience. GTP is registered in BC and was formed in 2018. GTP is configured as a R&D company that licenses IP

Participation Opportunities

- **Test site:** top priority is highway or pipeline location in BC for Spring 2026
- **Biodiversity credits:** Sponsors to support development of credits and share development costs
- **Project Partners:** EOI for Limited Partnership units subscription covering portion of development costs and initial operating costs. System development budget: \$1.2mm Operations budget: \$3.8mmm, primarily equipment costs

CONTACT

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