

Meet the Start-Ups with Ignite & Québec Tech!

Get to know the innovative and cutting-edge start-ups from Sweden and Québec.



Precision forestry everywhere on earth by the press
of a button

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Buddywise is an AI platform,
that automates detection of
workplace safety risks, enabling
preventive action & learning



DRIAD AI



 Mila

KATAM

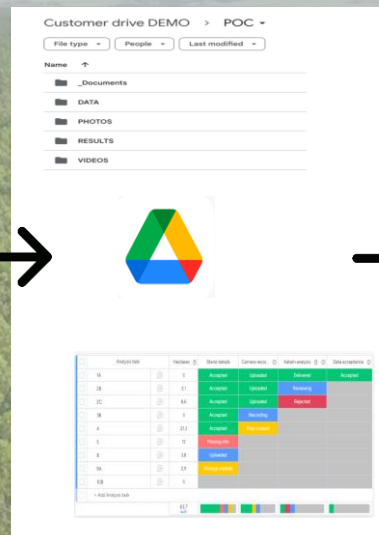
Drone



Cloud
AI processing



Data storage



Raw data
QGIS
Machinery
Management
etc.

Data management

GoPro





LumberScan

Quick, transparent & precise inventory
management of timber and woodchips

Business as usual

Our SOLUTION

Challenge to meet the tree planting pledges
Labour intense/time consumption

❖ Ease the implementation of tree planting pledges
Increased planting efficiency -
Facilitating more CO₂ sequestration

Up to 3 years production time
Poor survival rate in handling/transportation stages

As low as 6 months production time
Abiotic stress avoided, **Higher survival rate** in
handling/transportation stages

High carbon footprint for peat, plastic and fertilizers

Reduce carbon footprint, in field fertilizer source,
Lower water footprint

WATER PEARLS

Soil covered with granular silica
Limit air circulation, thus plant health

Substrate covered with WaterPearls™
Reduce water footprint – conserve water
Increase growth rate by up to 6x
Tag a Tree for MRV – captured by IR imagery

Synthetic fertilizers used during growth
Costly and not environmentally friendly

Seedling growth in CowPods
Slow organic nutrient release – protect roots
Hitchhiker solution – tag along vegetation

Seedling growth in peat moss in plastic trays
Limited resource, Roots exposed to air

Seedling **growth in sand** capability
Cheap, good permeability, ease of use

