

Background





Drones for data collection vs drones for physical work

Background

» Pains today

- -Terrain makes all alternatives slow and expensive
- -Ground based machines have limited access
- -Need of both trucks and spreading machines
- -Spreading over smaller forest areas currently impossible

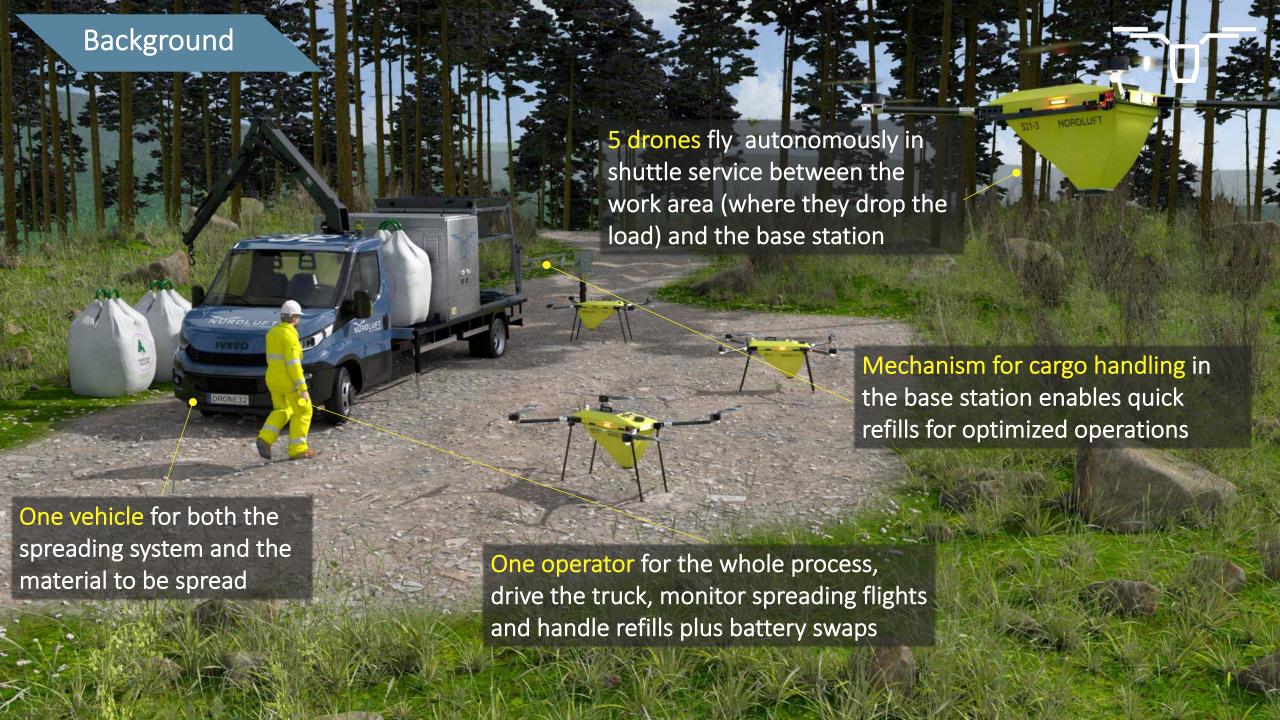
» Short time to market

- -Less safety concerns for using drones
- -Current demand

» Climate positive applications

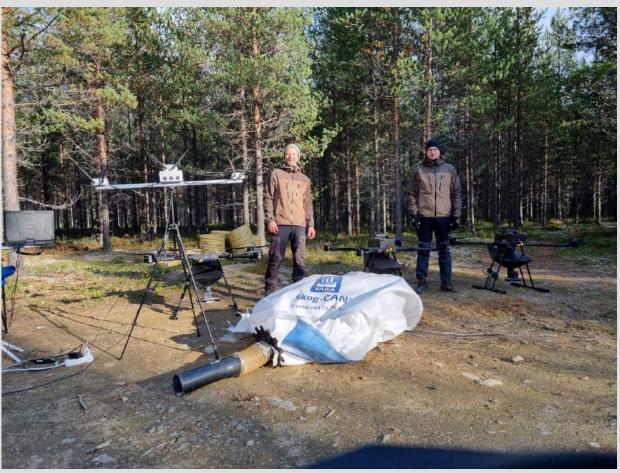
- -Bioash recirculation
- -Fertilizing
- -Seedling last-mile transportation
- -Seeding
- -Fire fighting
- -Herbicides spraying
- -Etc..





Background









Reed harvesting today











Problems to solve

- » Labour intensive
- » Either for use on solid ground, or floating on water
- » Manual/semi-manual way of collecting the material
- » Big expensive machines, difficult to transport

There must be something better??!!

Nordluft and Initiativ Utö agreed to partner up, with support from RE:SOURCE

Drone based reed harvesting technology





RE: SOURCE





= up to 4 tons of reed per hour