



ALTA AGDRONE

SMART AND PRECISE AGRICULTURE
CATALOGUE - PRESENTATION



**ALTA AGDRONE
RESEARCH & DEVELOPMENT
AGRITECH / AGRIFOOD**



ARTIFICIAL INTELLIGENCE AND RESEARCH APPROACH

Agriculture is tremendous in necessity of solution in all sectors from the food production to the supply chain solutions passing by the sustainability, food quality and quantity. It is very relevant for the companies in the Agtech sectors to choose the right strategy to address the needs not only of the farmers but all the customers.

ALTA Robotics would like to contribute in two avenues :

- Research and Precision Agriculture via Alta Agdrone Services
- Support to Startup Go-to-market strategy



RESEARCH AI - AGRICULTURE



Problems Solving AI in Agriculture

General project in agriculture which could be solved by tech development
For the startup and sme in agtech
For companies in agtech
For advanced farming companies



Irrigation and Fertilization Automated Management

Some research for irrigation by automated system in AI more accurate with more performance
Fertilization management with less environmental impact



Pest and Diseases Detection Studies by Crops - by Pests

Some research for pest detection via computer vision recognition
Some research for diseases detection via computer vision big data and predictive analytics and more..

RESEARCH AI - AGRICULTURE

RESEARCH COORDINATION

We offer some research coordination in some Research Center in Canada. The coordination will included :

- NDA between the centers and the companies
- Collaboration agreement
- Research goals and Roadmap
- Reporting
- Delivery : APIS - Artificial Intelligence Algorithm

Platform / Software integration

FREQUENTS RESEARCH PROBLEMS

The research problem that could be fixed in general are :

- Irrigation challenges
- Pest contaminations
- Soils fertilization
- Nutrients management and optimization
- Agriculture operations optimization
- Logistics optimization
- Diseases treatments specialization
- Agrifood software development and API Integration

GO TO THE MARKET - AGRICULTURE



Agritech and Agrifood Tradeshaw

Trade shows and agricultural fairs bring together most of the players in the agricultural world. Producers, farmers, third parties and resellers come together to share their innovations and demonstrate their product. We offer companies the opportunity to showcase their products and their activities to the agricultural public in attendance.



Media Publishing Cooperative Networks

Media advertising is still a preferred medium for members of the agricultural community. Through publication in the media, the companies and startups participating in the program will be able to benefit from high visibility among the members of the network of targeted cooperatives.



OUR RESEARCH CENTERS NETWORK

MILA community boasts the largest concentration of deep learning academic researchers globally. The institute is recognized for its expertise and significant contributions in areas such as modeling language, machine translation, object recognition and generative models. Mila is a vector for development for industry partners here and abroad thanks to applied research and its large talent pool. The technology transfer teams at Mila develop AI solutions tailored to the specific needs of organizations that have the potential to accelerate their innovations.

Polytechnique Montréal previously École Polytechnique de Montréal; is a public research university affiliated with the Université de Montréal in Montreal, Quebec, Canada. Polytechnique is one of the three largest engineering schools in Canada, and the largest one in the province of Quebec. The school contributes to the scientific and economic expansion of the region. Polytechnique is known for its dynamic research, which represented over 40 percent of its budget for the year 2008-2009 (60.5 million CAD research funding).

PRODUCTS & PACKAGES



**Research & Operations:
from 14,990\$ / session**

Special research program
in Artificial Intelligence dedicated to
Agriculture project in collaboration with
renown research center
4 - 6 months program



**Research & Operations:
from 24,990\$ / session**

Special research program
in Artificial Intelligence dedicated to
Agriculture project in collaboration with
renown research center
6 - 12 months program

CONNECT WITH US



Location

Toronto / Ontario / Canada

Website / Email Address

www.dronecity.net/ - info@dronecity.net

Phone Number

001 (437) 324 6256