

Area X.O — Drive the Future

Romaeris Corporation

The Story

Romaeris Corporation is reshaping the future of flight. The Ottawa-based, Canadian-Indigenous startup is launching a large-scale drone that represents a dramatic leap forward for smart cities initiatives and embraces a multitude of other applications. To accomplish its goals, Romaeris is using artificial intelligence and robotics to create a robust, adaptable, autonomous aircraft capable of doing much of the work of manned, conventional aircraft, but at dramatically lower cost.

The Obstacle

Romaeris is the only company to have ever flown a flex-wing, tailless, weight-shift control aircraft autonomously. That might sound simple, but it's as difficult as teaching a computer how to ride a bike. While Romaeris operates on the principle that the sky's the limit when it comes to innovation, they also had to think big while overcoming multiple, significant engineering challenges on a very limited budget.

The Solution

When you're reinventing the wheel... or wing... it pays to collaborate. Romaeris' technology has the potential to revolutionize operations across multiple sectors, so Romaeris involved some of those sectors in



developing a flight path to success. It has partnered with universities, government researchers, and innovative Canadian companies to leverage strengths and develop ground-breaking solutions, all at a manageable cost.

Romaeris also benefitted from a timely introduction to Area X.O, which came via the Ontario Centre of Innovation. Area X.O has provided Romaeris with vital prototyping and test facilities, advisory services, introductions to other companies, and an invaluable place to begin work with early customers.

The Update and the Future

Romaeris isn't just using its technology to revolutionize the skies, it's also building solutions on the ground. Thanks to its partnership with organizations like Area X.O, the company is launching its unmanned aerial vehicle (UAV) products and services in 2022, including innovative "smart cities" applications which will see it collecting aerial data for vehicular traffic monitoring and high-definition mapping of roads and infrastructure. This important work will enable cities to grow more efficiently, to achieve sustainability, and to benefit from the introduction of autonomous cars.



Testimonial

"Area X.O has been a key partner of Romaeris Corporation, enabling us to embark on an ambitious plan to launch new unmanned aerial vehicle technology starting from scratch with a limited budget, and to attract our first customers."

- Anthony Pizarro, Co-Founder at Romaeris Corporation

Get Connected!



Anthony Pizarro, Co-Founder
Romaeris Corporation

romaeris.com

 [linkedin.com/company/romaeris-corporation](https://www.linkedin.com/company/romaeris-corporation)