



CANADIAN DRONE LANDSCAPE

where we're at and where we're going

Presented By
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THE PLAN



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how I got into it & what I do

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current regulatory space

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current tech and trends

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future tech and trends

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future regulatory space

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questions and hopefully answers

HOW I GOT INTO DRONES

- Via traditional aviation
- Started teaching in the drone space in 2014
- Aerial Evolution Association of Canada, CanaDAC, RPAS 101, exam question development, AIM revisions...





INDRO ROBOTICS

- Ground & air
- R&D, fabrication, operation
- Training and validation
- DARTT/DARTT+

FLYY

DRONE TRAINING AND CERTIFICATIONS

- Transport Canada compliant courses
- Flexible delivery options - online, in-person or hybrid
- No prerequisites! We take you from zero to certified
- Training beyond certification



**CURRENT
REG SPACE**

DRONE REGULATIONS

Part 9 Canadian Aviation Regulations (CARs)



Pilot

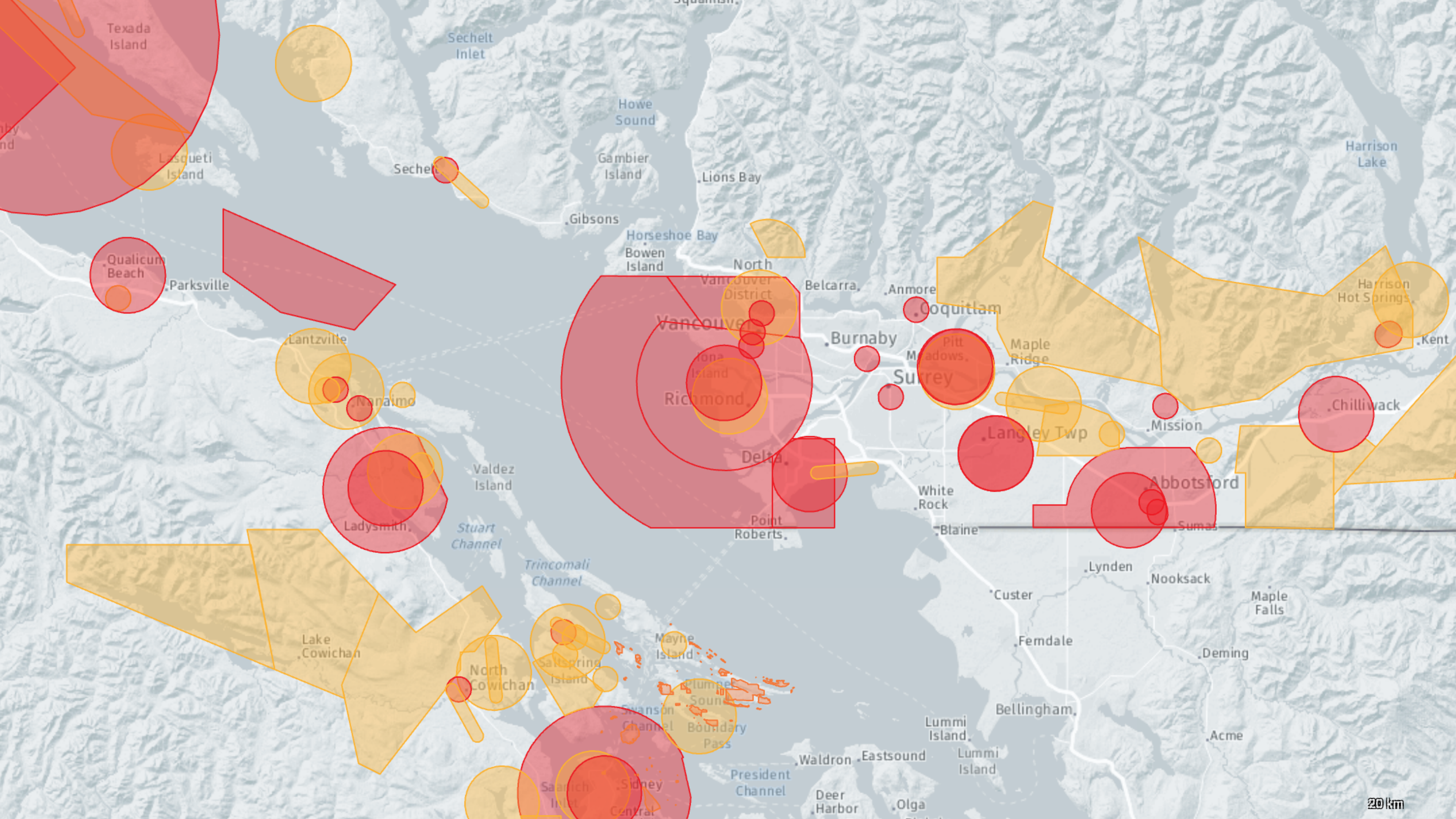
basic and advanced certifications

Product

safety assurance declarations

Procedures

normal and emergency



DRONE PILOT CERTIFICATION

Three steps to flying legally



Ground School

Online, in-person or hybrid

Written Exam

Online through Transport Canada's Drone Portal

Flight Review*

In-person through our network of reviewers Canada-wide

*only required for the advanced certification

AIRCRAFT DECLARATIONS

product requirements

Manufacturer name	Model	Type	Manufacturer RPAS safety assurance		
			Controlled airspace	Near people	Over people
INDRO ROBOTICS	M210C	Rotary wing	Yes	Yes	
INDRO ROBOTICS	SCOUT MKIII	Rotary wing	Yes	Yes	
INDRO ROBOTICS	InDro Alta X	Rotary wing	Yes	Yes	
INDRO ROBOTICS	Wayfinder	Rotary wing	Yes	Yes	
INDRO ROBOTICS	Nokia OVNI	Rotary wing	Yes		
Nokia (InDro mod)	NDN Industrial Grade Connected UAV	Rotary wing	Yes	Yes	Yes

Showing 1 to 6 of 6 entries (filtered from 569 total entries)

CURRENT TECH AND TRENDS

DRONE TECHNOLOGIES

size and applications



Size

micro, small, medium and +

Type

Fixed wing, multi-rotor, helicopter, tail-sitter, VTOL

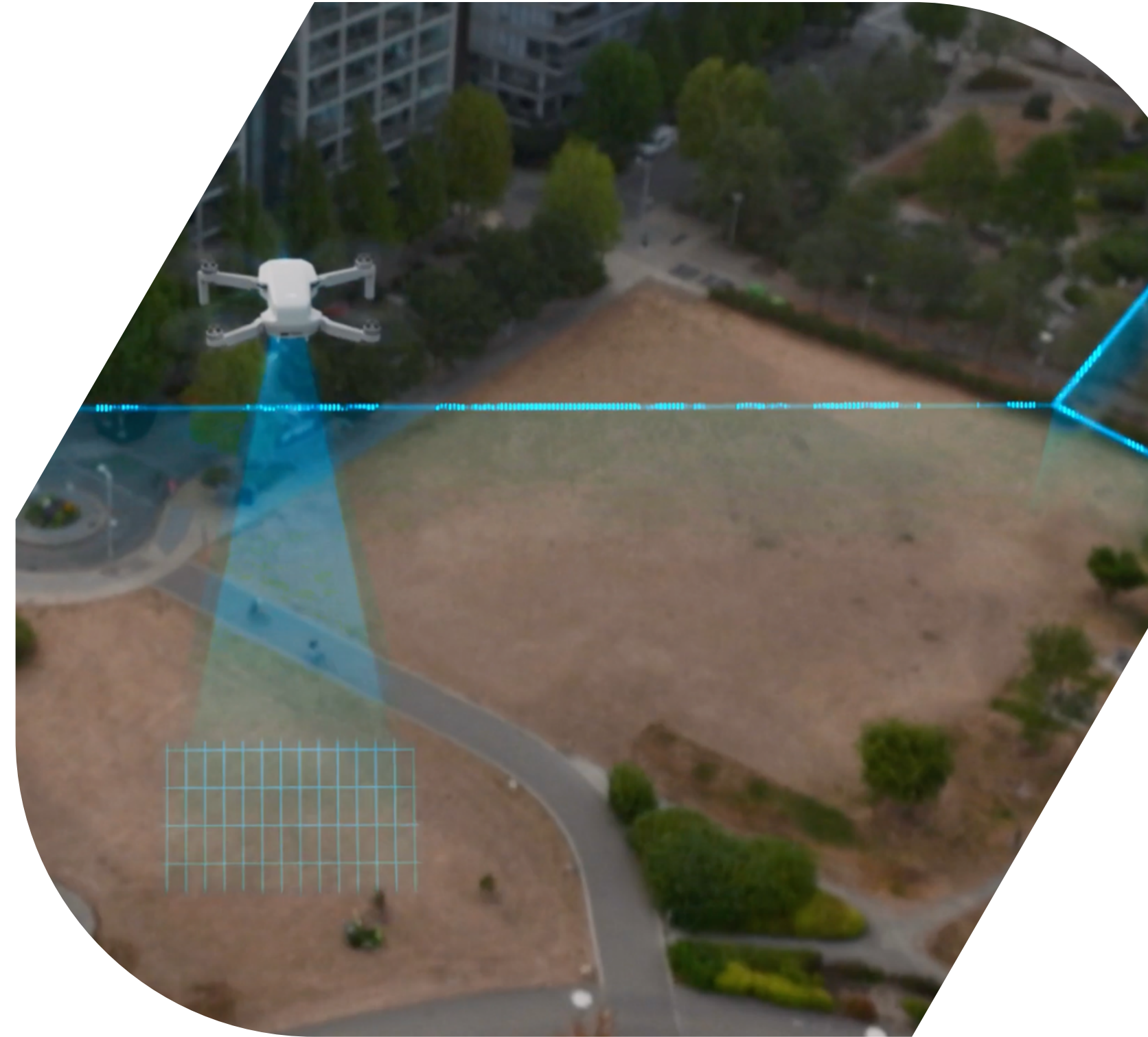
Operations

VLOS, BVLOS and EVLOS in between

TECH TRENDS

CURRENT

- Microdrones
- AI
- Multi-stage robotics



FUTURE TECH AND TRENDS

TECH TRENDS

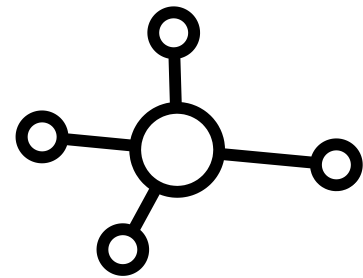
2025 +

- BVLOS
- Autonomy
- Humanoids
- Advanced Air Mobility

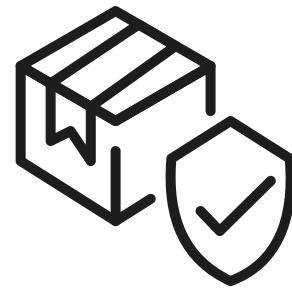


AAM

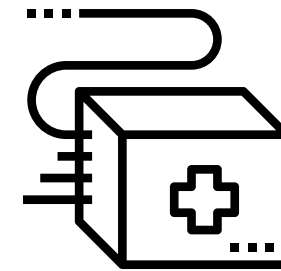
a huge scope of activities, products and services that aim to provide



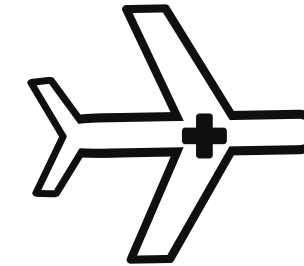
regional
connectivity



clean, reliable
package
delivery



urgent
medical
delivery



air ambulance
services

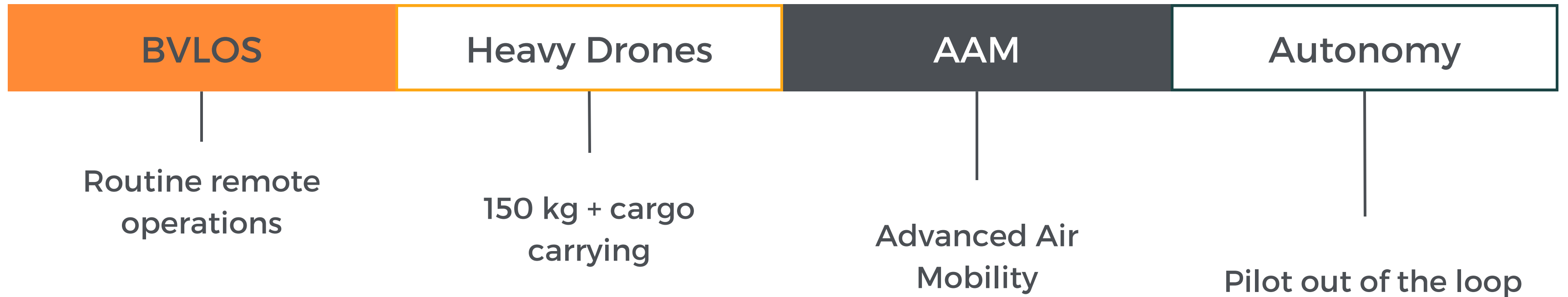
and includes elements like

- zero emission power systems
- affordable, accessible and safe flight
- infrastructure investments into vertiport facilities and airspace management

**FUTURE
REG SPACE**

2025 AND BEYOND

where this thing might go



QUESTIONS AND ANSWERS



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