



Airing on Safety

UAV Technology and a Climate In Change

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April 30, 2019

One Province, One Regulator

Our Mandate

The AER's mandate is to ensure the safe, efficient, orderly, and environmentally responsible development of hydrocarbon resources over their entire life cycle. This includes allocating and conserving water resources, managing public lands, and protecting the environment while providing economic benefits for all Albertans.

A climate in change

- 》 Safety mandate
- 》 Changing times
- 》 Technological evolution



AER's Unmanned Aerial Vehicle Program

- 》 UAV legitimate airspace users
- 》 Regulated by Transport Canada and subject to the Aviation Regulations
- 》 AER Pilot Training
- 》 Special Flight Operations Certificate for Complex Operations

Climate Change and Emissions Monitoring

- 》 Technology to improve fugitive emission inspection efficiency
- 》 Elevated (i.e. from a stack) emission detection
- 》 Emission surveys
- 》 Emergency response

The Future

- 》 Worker safety regulations
- 》 Keeping up with the times

A landscape photograph showing a dirt road winding through rolling hills. The foreground and middle ground are dominated by vibrant yellow fields, likely rapeseed, interspersed with green grass. The background shows more rolling hills under a bright blue sky with scattered white clouds. A large, light gray arrow graphic points from the left side of the image towards the center, where the text is located.

Thank you