Turning CO₂ emissions into Sustainable Aviation Fuel

General presentation
2018: SAF+ was launched with Air Transat and Aéroports de Montréal as a solution to the growing need for sustainable aviation fuels.

Our objective: build in Montreal the 1st commercial plant to produce fuels made of CO₂ for the aviation sector.
SAF+ is a technology and project developer. We bring together a coalition of actors spanning the entire aviation value chain to deploy the first commercial PtL plant.
We bring a **circular economy** solution to aviation

- **Drop-in**
- **Sustainable**
- **Proven technologies**
- **Easy scale-up**
- **Cost competitive**
OUR SOLUTION

Commercial plant configuration

- **H₂O**
- **H₂**
- **Electricity (Quebec)**
- **Flue gas feedstock**
- **CO₂ capture**
- **Our Partners**
  - **Hydrogen production**
  - **Gas separation and conditioning**
  - **Upgrading**
  - **Products separation and conditioning**
- **SAF**
- **Low-carbon co-products**
THE PROJECT

Achievements

SAF+ launch

2018

Finalists of the *Sky Is The Limit Challenge* from Natural Resources Canada.

Raised $4.5 M in grants in addition to private contributions.

Finalists

*Sky Is The Limit*

Round 1

2019

Detailed design and fabrication of components

Pilot plant fabrication

2021

Solar Impulse Efficient Solution Label
THE PROJECT

Pilot plant localization

SAF + Project Site

Feedstock Montreal
Achievements

Air Transat and SAF+ Consortium sign the first Sustainable Aviation Fuel (SAF) offtake agreement in Canada

We signed a first fuel off-take agreement.
THE PROJECT

Five-year timeline

Pilot Plant 1st demonstration flight Pre-commercial plant (3 million liters)

2021 2023 2025

Contender in Natural Resources Canada Sky is the Limit competition Round 2

Grand Prize Winner
The top team will receive $5 million to scale up the winning biojet fuel and take their product to the next level.

Air Transat and SAF+ Consortium sign the first Sustainable Aviation Fuel (SAF) offtake agreement in Canada

We signed a first fuel off-take agreement.
TO LEARN MORE AND TO CONTACT US

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