

AVIATION CO₂ REDUCTIONS



STOCKTAKING SEMINAR
TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



SAF competitiveness and scale-up

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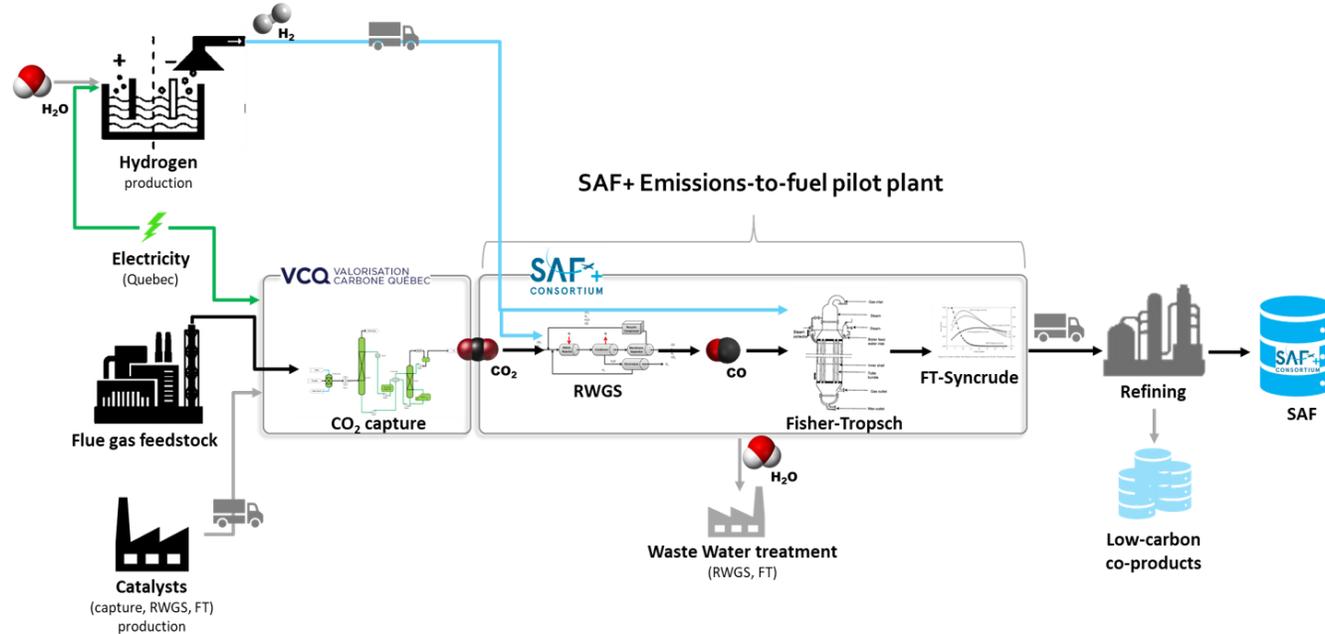


Sustainable aviation fuel produced from CO2 capture in Canada

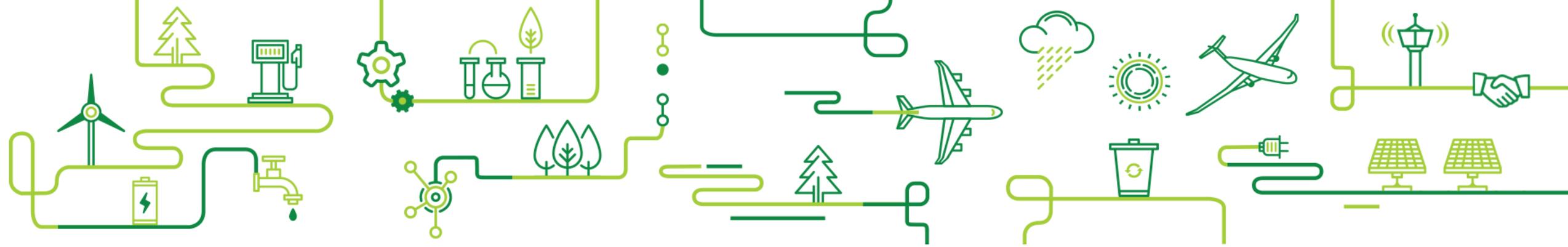
Aviation Fuels

Feedstock type	Conversion process
CO2	FISCHER TROPSCH

CO2 capture from large emitters, Reverse Water Gas Shift and Fischer Tropsch catalyzer to produce synthetic crude

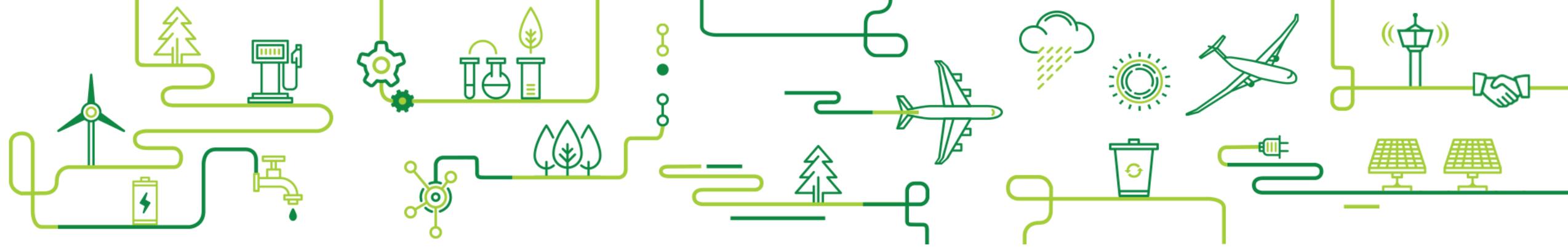


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CO₂ reductions per flight **80%**
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Level of finance required **75%**
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Timeframe **2025**
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Main challenges
 - Scaling-up
 - Financing



Project Advantage in Montreal

- Right actors are aligned here (fuel distribution channel, green energy, political will,...)
- Readily available 'green energy'
- One 'Innovation Platform' project currently underway with the QC government
- Local refining and oil & gas infrastructure (plant located at Parachem's)
- Currently we have R&D initiatives underway
- National & provincial Government incentives to reach emissions targets
- Montreal is one of the main hub of aviation in North America
- Policies are defined and adopted here (HQ of ICAO)



Offtake Agreement

- First Canadian offtake agreement
- The vision of Air Transat
- Future production of SAF
- Servicing in Montreal
- Our understanding of the offtake market
- Aviation in an impasse but not for long
- Production milestone aligned with market

Thank You

