



energyfutureslab

# C-SAF Roadmap

In partnership with



## The Challenge

- The global aviation sector has adopted ambitious targets to reduce carbon emissions, and low carbon sustainable aviation fuels (SAF) will play a significant role in achieving these.
- Canada is well-positioned to become a world leader in the development and production of affordable SAF, but there are currently none being produced here in significant quantities due to the need to develop supply chains and policies to spark demand as a nascent industry emerges.
- Created in February 2022 by a consortium of 60 airlines operating in Canada and key stakeholders in the Canadian aviation ecosystem including suppliers, aerospace manufacturers, airports, finance, and academia, the Canadian Council for Sustainable Aviation Fuels (C-SAF) aims to facilitate the production and supply of affordable, low-carbon, made-in-Canada SAF.
- As outlined in Canada's Aviation Climate Action Plan, SAF will play an important part in decarbonizing aviation, especially for long haul aviation - which comprises the largest portion of Canadian aviation emissions in coming decades.

## Successes We're Celebrating

- Canada has all the right ingredients and players, but needed a story to bring them together and an action plan to set the ball rolling on SAF production.
- The Roadmap outlines the opportunity, investment and actions required to rapidly build and scale the SAF industry in Canada to achieve the goal of producing 1 billion litres of sustainable aviation fuel by 2030 (representing a savings of more than one and a half million tonnes of GHG emissions).
- Simultaneously, it also charts a course for the steps needed to create a Canadian market for SAF by working with the aviation industry, the fuels and feedstock industries, policymakers and communities to enable a coordinated set of policies that create market certainty and clear the path for investment.
- The Roadmap is serving as the foundation of Canada's SAF Blueprint which is currently under development by the Federal Government.
- The C-SAF Roadmap was also recognized with a 2024 Clean50 Project Award.

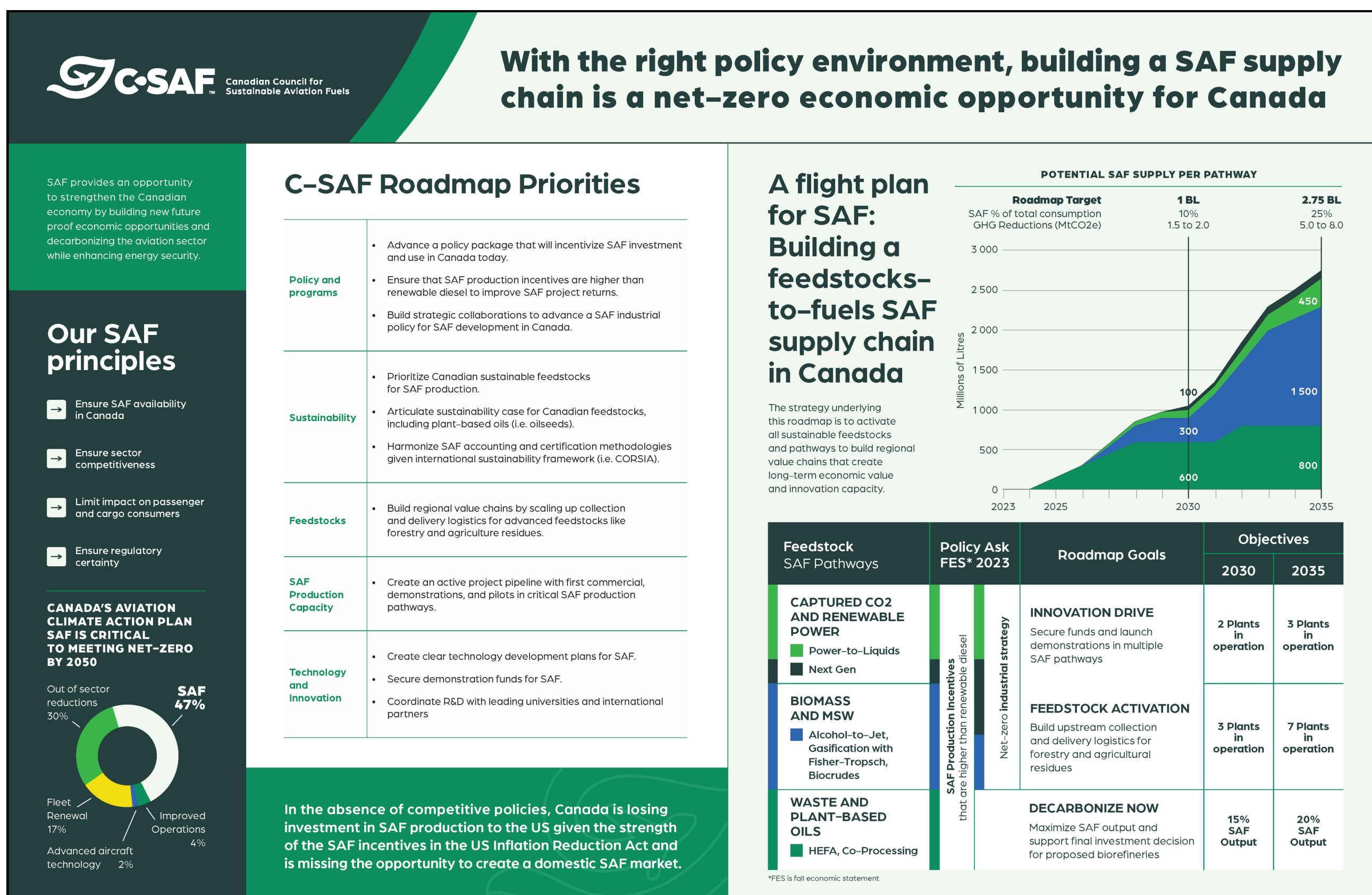
## The Initiative

- The Council and its network of stakeholders have developed a shared vision, roadmap and action plan that identifies necessary priority actions and investments to build a thriving SAF industry in Canada that harnesses Canada's sustainable feedstocks, innovative technology sector, well-established infrastructure, and a forward-thinking aviation industry.
- Canada's first SAF Roadmap was released publicly in June 2023.
- Thanks to the Lab's credibility in fostering collaborative innovation, through a series of national interactive workshops we helped catalyze the ecosystem to gain alignment around a clear and compelling vision and action roadmap.
- The C-SAF roadmap was developed in partnership with the Energy Futures Lab, and also with The Transition Accelerator to leverage their research expertise in research for green industrial strategy.

## Participating Fellows



**Geoff Tavette**  
Executive Director  
Canadian Council for  
Sustainable Aviation Fuels



C-SAF roadmap one-page



C-SAF open letter campaign, launched June 8, 2023

## 2023 Highlights

- C-SAF Roadmap Released
- Version française publiée Sep 2023
- 2024 Clean50 Award Recipient
- Advocacy efforts supported by roadmap

Download: *The C-SAF Roadmap: Building a feedstocks-to-fuels SAF supply chain in Canada*

SCAN HERE!



Version Française

