

2024 ICAO REGIONAL SEMINAR ON ENVIRONMENT

In collaboration with



CIVIL AVIATION AGENCY
UNDER THE MINISTRY OF TRANSPORT
OF THE REPUBLIC OF UZBEKISTAN

EUR / NAT Area

10 to 12, September 2024
Samarkand, Republic of
Uzbekistan



ICAO

ENVIRONMENT



ACT SAF

CORSIA

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2050


ACT SAF


CORSA

The Austrian SAF Roadmap in the framework of the State Action Plan

Regulatory and strategical framework

SAF in the State Action Plan

- Structure
- Key Messages
- Policy recommendations and measures

Development process of SAF Roadmap

- Expertise and Timeline
- Stakeholder involvement

Next steps

01 Regulatory and strategical framework

- **ReFuel EU Aviation Regulation:**

As of	Blending mandate	Sub mandate Ptl.
2025	2%	-
2030	6%	
2030 - 2031		1,2%
2032 - 2034		2,0%
2035	20%	5%
2040	34%	10%
2045	42%	15%
2050	70%	35%

- **Austrian Aviation Strategy 2040+** (September 2022)

Development of national SAF Roadmap as key measure towards decarbonisation
 -> relevant measure for State Action Plan

- **Austrian SAF Roadmap** (June 2024)

Sub-strategy for successful introduction of SAF in Austria
 -> summary included as a chapter in State Action Plan



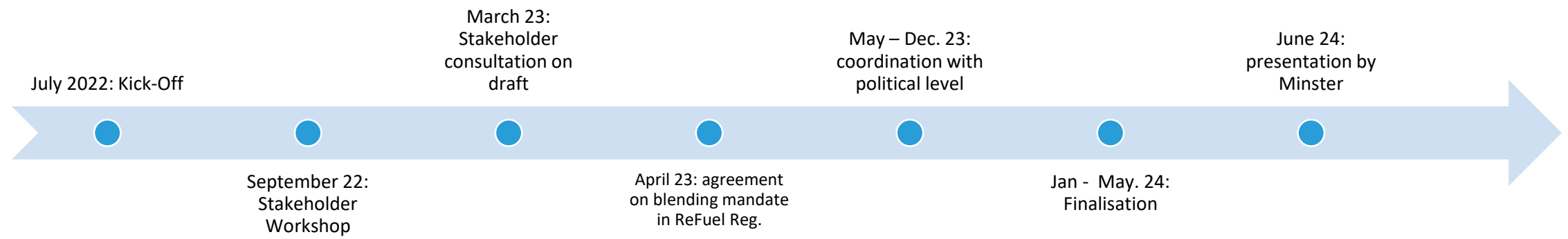
02 Development process of the SAF Roadmap



Expertise:  Federal Ministry
Republic of Austria
Climate Action, Environment,
Energy, Mobility,
Innovation and Technology



Timeline:



Stakeholder involvement:

- Close cooperation with stakeholders via:
- Workshop on SAF Roadmap
 - Regular meetings of bodies implementing the Aviation Strategy
 - Individual appointments with key partners

Involved partners: Ministries, social partners, companies (airlines, airports, fuel and energy providers etc.), NGOs

03 SAF in the State Action Plan

Structure of the SAF Roadmap: Five chapters

-  Regulatory and strategic framework
-  Technology paths and sustainability
-  SAF demand in Austria
-  Economic potential in Austria
-  Strategic focus and measures



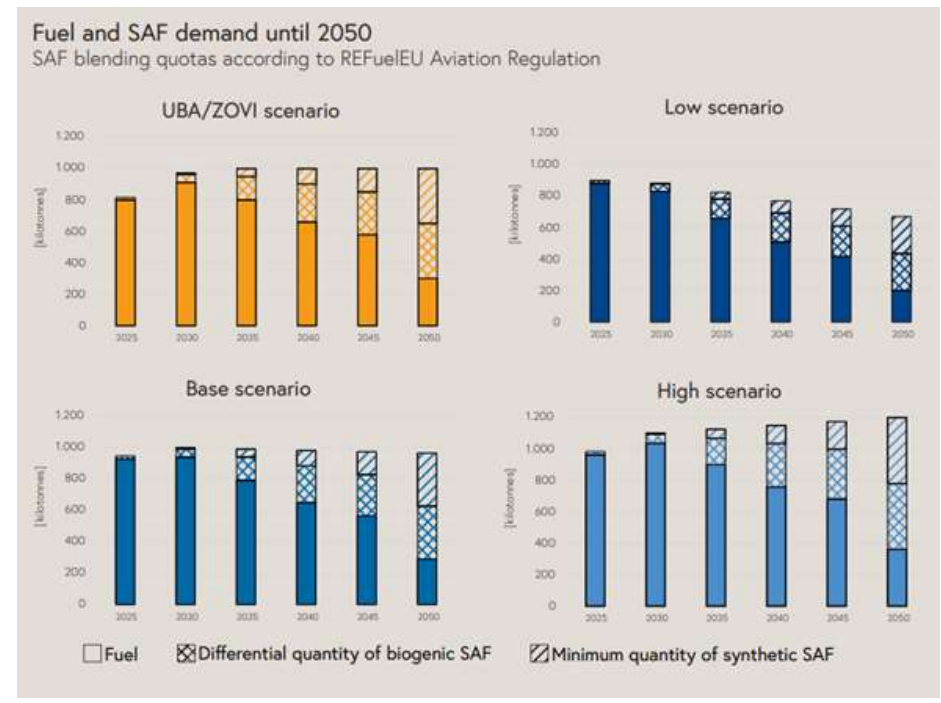
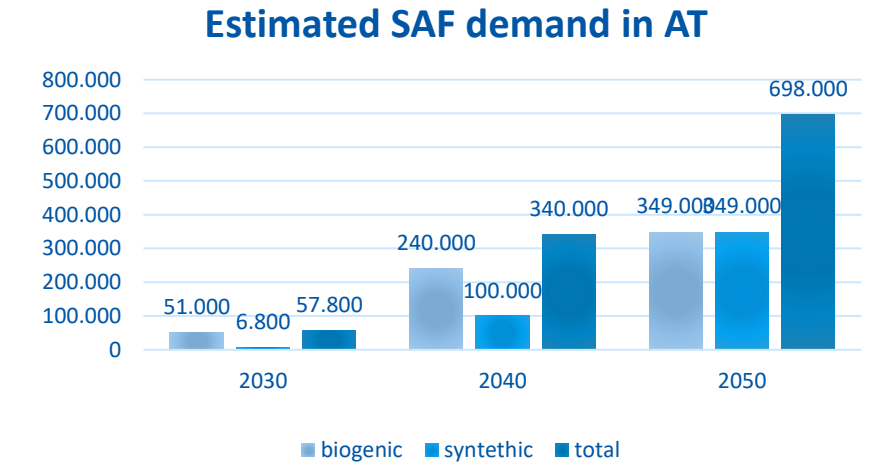
03 SAF in the State Action Plan

Key messages:

- **Demand:**
 - The future demand for SAF in Austria is enormous – approx. 700.000 t in 2050
 - Large quantities of raw materials/feedstock (biomass and energy) are needed, as well as a rapid ramp-up of SAF production.

- **Economic potential in Austria**
 - The demand for raw materials is not met due to high competition with other sectors.
 - The current production capacities are limited.
 - Imports will play a crucial role in securing the availability of SAF in Austria.

- **Conclusion: Political measures (including financial support) are needed to ramp up the production and use of SAF.**



03 SAF in the State Action Plan

SAF Roadmap: Policy recommendations and measures: Five focus areas with 15 detailed measures



Focus area		Measures	
No.	Title	No.	Description
1	Incentives and impetus for the SAF ramp-up in Austria	1.1	Supporting research and development
		1.2	Promoting the domestic recycling of used cooking oil
		1.3	Examining the incentivisation of SAF production in Austria
2	Ensuring the availability and safeguarding of import capacities	2.1	Prioritising PtL fuels for use in the non-road and off-road sectors
		2.2	Continuous monitoring of implemented and planned international production capacities for SAF
		2.3	Establishing and expanding strategic partnerships at European and international level
		2.4	Establishing and expanding the infrastructure for SAF transport to and in Austria
3	Ensuring sustainability	3.1	Introducing (electronic) sustainability certificates for SAF
		3.2	Advocacy at the European level for the establishment of a monitoring, reporting and verification system for non-CO ₂ emissions in aviation
4	Cost transparency and competitiveness in aviation	4.1	Advocating for fair fuel taxation in the EU and at the global level
		4.2	Examining the inclusion of SAF use in relevant legislation
		4.3	Ensuring that distortions of competition are avoided
5	(Political) dialogue and stakeholder participation	5.1	Establishing a SAF Competence Circle in and for Austria
		5.2	Continued participation in relevant international expert committees
		5.3	Communicating and raising awareness

04 Next steps

- **Finalisation of State Action Plan by the end of the year**
- **Implementation of SAF Roadmap:**

Priorities for 2024: Focus area 1 (Incentives and impulses for the SAF ramp-up in Austria)

- Analysis of the availability of used cooking oil (March – June)
- Examination of possible subsidies for production facilities
- Analysis of possible Austrian participation in emerging auction mechanisms for the import of SAF at European level (H2Global)
- Austrian financial contribution for ICAO ACT SAF Programme



English summary of the Austrian SAF Roadmap:

<https://www.bmk.gv.at/en/topics/transport/aviation/aviation-strategy/saf-roadmap.html>



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Thank You

