



ICAO

ENVIRONMENT



2023 ICAO STOCKTAKING AND PRE-CAAF/3 POLICY AND FINANCE CONSULTATION



11 to 13 July 2023
Montréal, ICAO Headquarters



Eng. Maryam Al Balooshi Environment Manger UAE General Civil Aviation Authority

Aviation Fuel Projects and finance in UAE

Aviation and energy are key sectors in the UAE

Aviation and **Tourism** are major contributors to UAE GDP: 13%

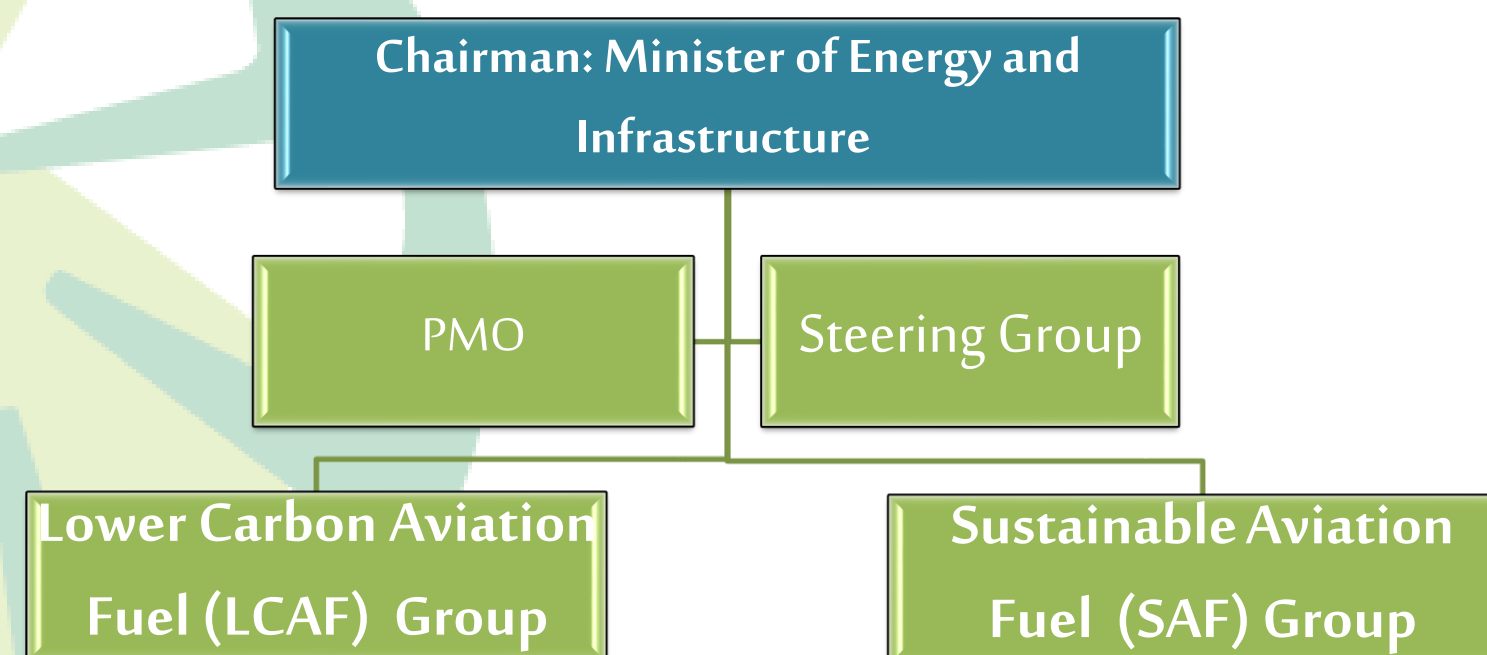
The **UAE Net Zero by 2050 Strategic Initiative** focuses on **clean energy solutions** and will invest over **AED 600 billion** in the renewable energy sector.

March 2021 Establishment of UAE Aviation Committee

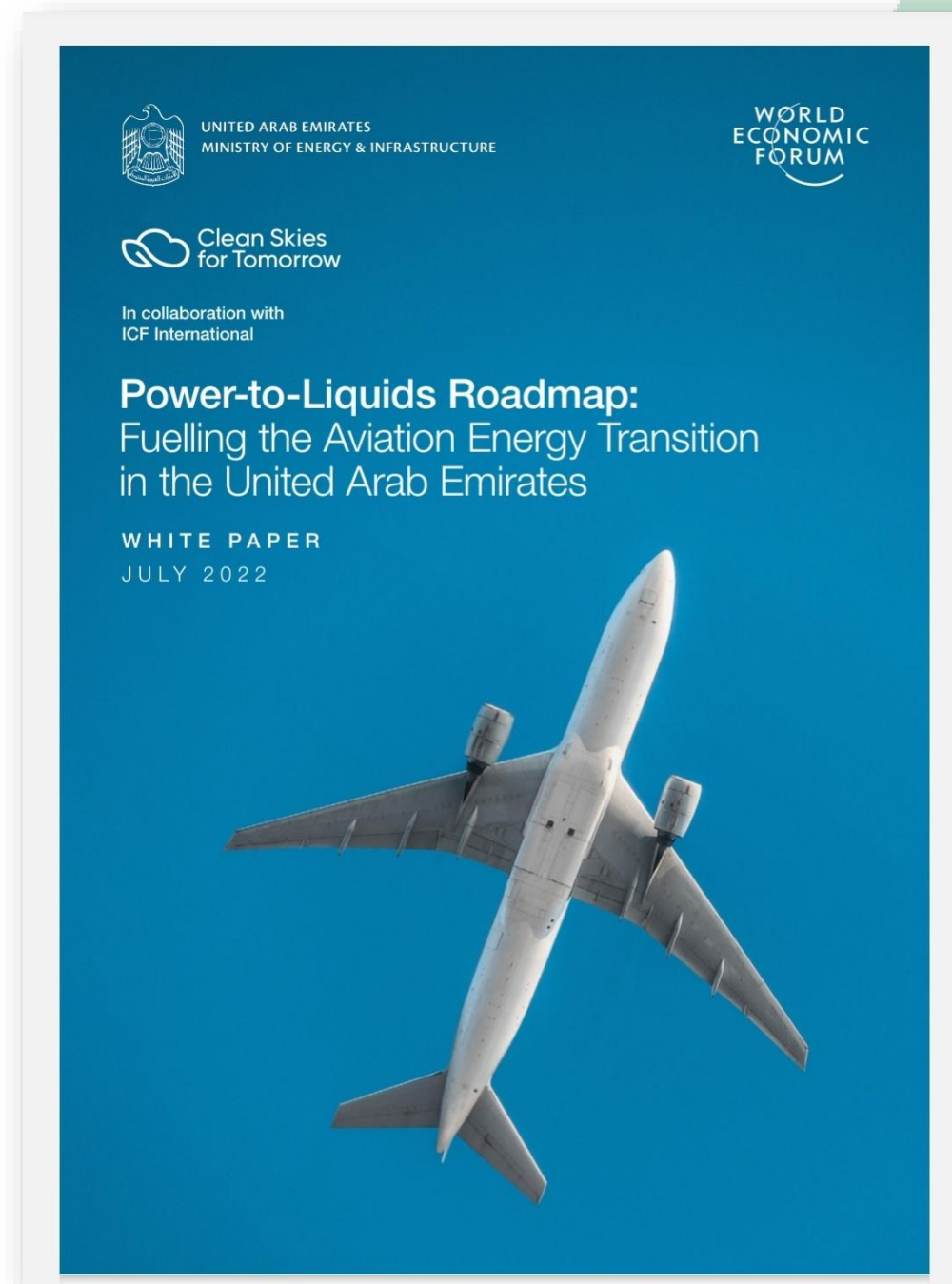
UAE Aviation Announced **Net Zero Resolution** by 2050

The **UAE Hydrogen Leadership Roadmap** announced during the UN COP26 Meeting envisions the creation of a **blue and green hydrogen industrial ecosystem** in the country capable of capturing **25% of the global hydrogen trade by 2030**.

UAE Aviation Fuel Committee



Committee's Achievements:



UAE SAF 5 Principles:

5 Sustainable Aviation Fuel (SAF) principles are highlighted with the intent to **accelerate** the decarbonization of the UAE's aviation sector and transform it into a **regional hub for low carbon aviation fuels**

The UAE SAF Roadmap

Creating a Low Carbon Aviation Energy Hub

The 5 Sustainable Aviation Fuel (SAF) principles are designed to accelerate the decarbonization of the UAE's aviation sector and transform it into a regional hub for low carbon aviation fuels.

- #### Establishing the Ambition: 700 million liters SAF by 2030

By 2030, the UAE will develop domestic SAF capacity sufficient to produce 700 million liters of SAF on an annual basis.
- #### Accelerating SAF Technology Deployment and Innovation

The UAE will support research, development, and demonstration (RD&D) of SAF technologies through dedicated research efforts focusing on SAF production and deployment of early-stage facilities to produce SAF at a commercial scale by 2025.
- #### Developing the National Regulatory Environment for SAF

The UAE will explore and assess potential policies to support the long-term economic operation of SAF facilities in the UAE, and to align with domestic and international SAF ambitions to decarbonize aviation.
- #### Building Local Capacity to Boost In-Country Value

The UAE will further mature the governance structure for the national SAF program, developing the local institutions and skills to create In-Country Value (ICV).
- #### Leading International Collaboration

Aviation is a global industry, and alongside national efforts, the UAE will seek to accelerate the global transition through leadership at ICAO, and support of projects on renewable fuels and energy in other countries.

1

Establishing the Ambition: 700 million liters SAF by 2030

By 2030, the UAE will develop domestic SAF capacity sufficient to produce 700 million liters of SAF on an annual basis.

With 700 million liters of SAF by 2030 target, the UAE can both boost low carbon growth of its aviation industry, and can unlock export opportunities



UAE's breaking news:

- On 23rd May 2022, The Abu Dhabi National Oil Company (**ADNOC**), oil major **BP**, and Abu Dhabi future energy company **Masdar** partnership to explore the production of sustainable aviation fuels from municipal waste and green hydrogen in Abu Dhabi.

-11 May **Emirates** creates **US\$ 200** million aviation sustainability fund.

-16 May 2023: **Masdar, Airbus** to shore up growth of global sustainable aviation fuel market.

-May 2023: **Twelve and Etihad** Airways partner to advance sustainable aviation fuel made from CO2 and renewable energy.

- **First Abu Dhabi Bank** (FAB) plans to endorse sustainable development projects across the Middle East with financing worth **\$75 billion by 2030.**, in the fields of solar energy, aviation, transportation, as well as gas and electricity.



Thank You



ICAO

2023 STOCKTAKING