
Sustainable Aviation of Kazakhstan



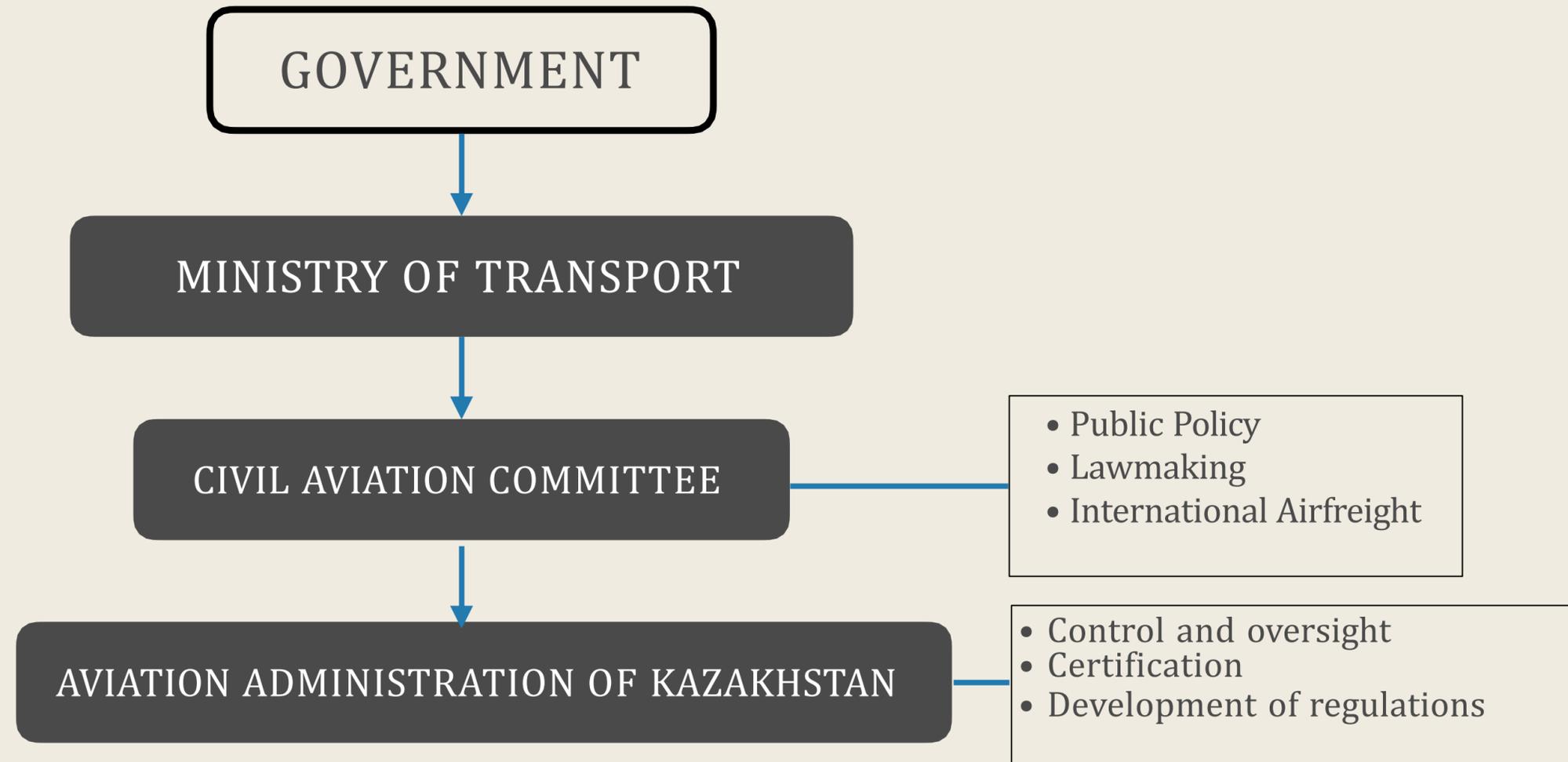
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Introduction



**AVIATION
ADMINISTRATION
OF KAZAKHSTAN**

Overview of Aviation sector in Kazakhstan

- ICAO CVM level of Flight Safety - 84%
- Aircraft operators - 49, scheduled commercial - 5 airlines
- Routes: domestic - 61 routes / 694 flights per week, international - 117 routes / 581 flights per week to 31 countries
- Registered aircraft - 948, scheduled commercial - 93



Overview of Aviation sector in Kazakhstan

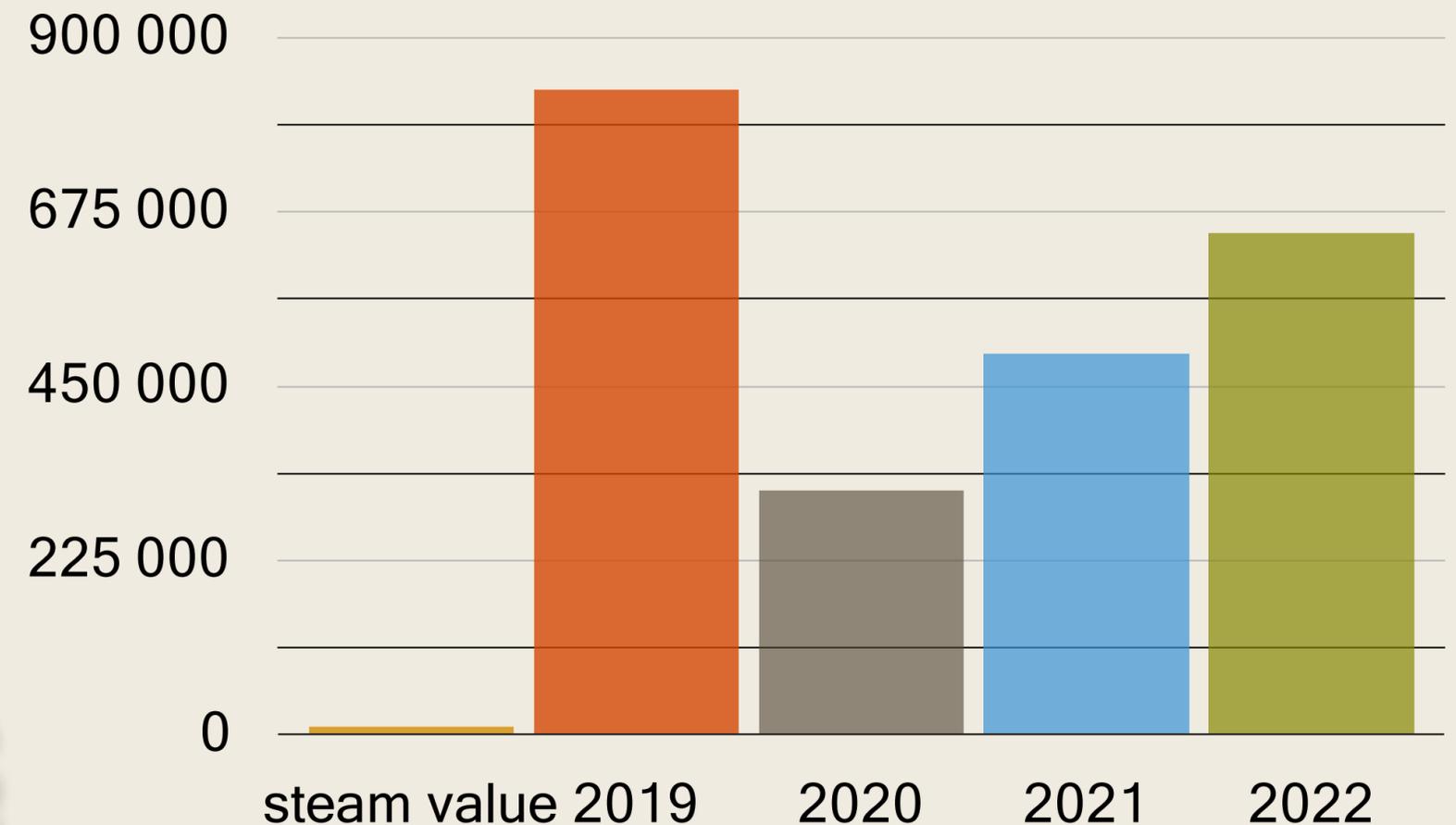
- Passenger traffic - around 13 million passengers. For 23% higher than in 2022
- Airports: domestic - 6, international - 18, «open sky regime» - 13 airports



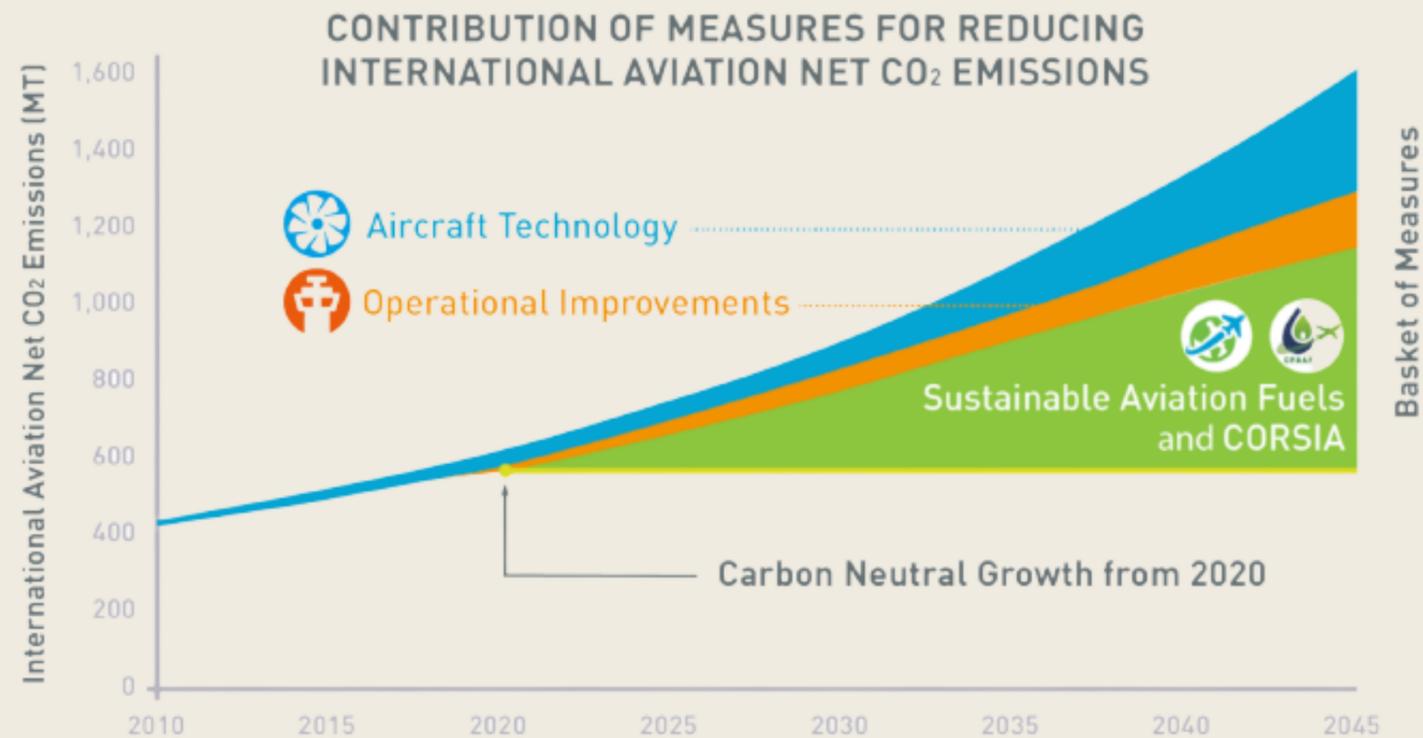
Carbon offset and reduction scheme for International Aviation - CORSIA

Number of emissions by airlines of RoK:

- for 2019 - 832 026 tons,
- for 2020 - 315 805 tons,
- for 2021 - 491 433 tons,
- for 2022 - 648 274 tons.



Sustainable Aviation Fuel - SAF



KazMunayGas / AAK, Astana, Kazakhstan

The 1st Kazakhstan Aviation talks: Energy transition for sustainability & transit development in Central Asia

KazMunayGas / EBRD / Air Astana

SAF development in Kazakhstan

- Large biofuel production potential
- Government support
- Emission reduction



Agreements



Opportunities for Kazakhstan

- Environmental leadership in Central Asia
- Export opportunities and international partnership
- Cost reduction
- ICAO CORSIA compliance
- Transit hub
- Attracting sustainable airlines



Thank you

