



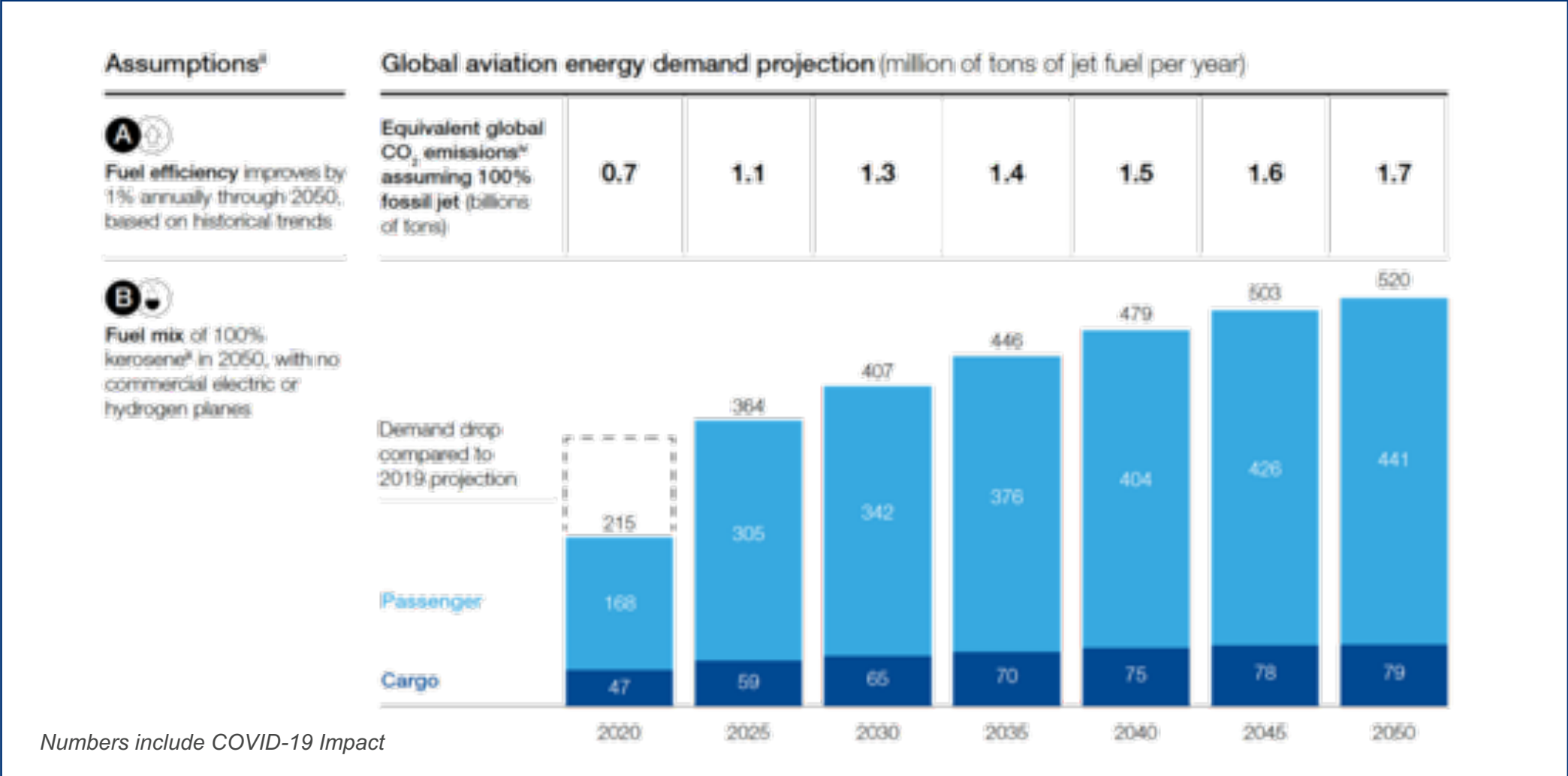
Business opportunities for economic operators in SEA

ISCC CORSIA Certification



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Annual aviation fuel demand is expected to exceed 400 million tons by 2030 and 500 million tons by 2045



Sustainable aviation fuels (SAF) are seen as critical to combat rising emissions in the aviation sector. SAF offtake agreements are growing in number

Examples



*“Oneworld member airlines have committed to net zero carbon emissions by 2050. The airlines will develop their individual approaches to reach the target of net zero carbon emissions by 2050, through various initiatives such as **investments in sustainable aviation fuels** among other measures.”*

(Oneworld, oneworld website, 31 August 2021)

*“International Airlines Group (IAG) has become the first European airline group to commit to **powering 10 per cent of its flights with sustainable aviation fuel by 2030.**”*

(International Airlines Group, IAG website, 22 April 2021)



*“Cathay Pacific has committed to buying **1.1 million tonnes of Sustainable Aviation Fuel** over 10 years – enough for about 2% of our current operations.”*

(Cathay Pacific website)



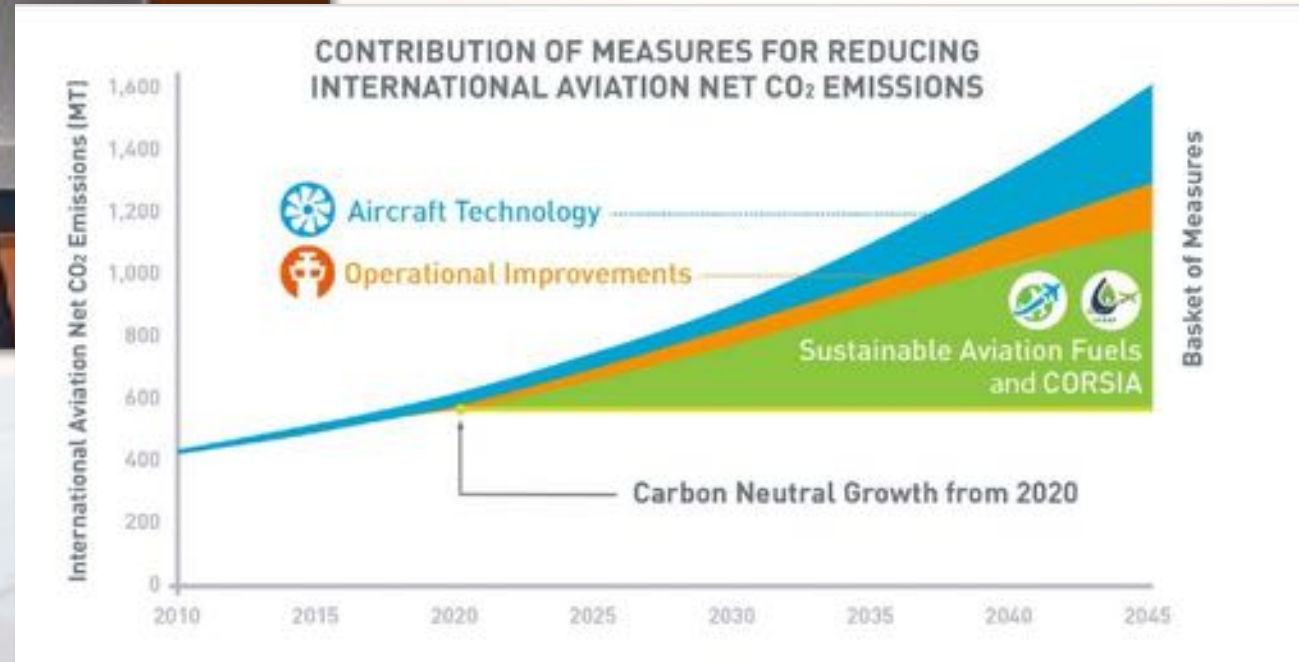
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SAF also plays an important role in the CORSIA scheme*, which is a new global market-based measure to address emissions from the aviation sector



Source: ICAO. <https://www.icao.int/newsroom/pages/icao-assembly-achieves-historic-consensus-on-sustainable-future-for-global-civil-aviation.aspx>



Source: ICAO. https://www.icao.int/environmental-protection/Documents/EnvironmentalReports/2019/ENVReport2019_pg111-115.pdf



In November 2020, the **ISCC CORSIA** Certification System was approved by the ICAO Council.

Since then, economic operators and airlines can **demonstrate compliance with the CORSIA Sustainability Criteria for CORSIA Eligible Fuels** by applying the ISCC CORSIA Certification System.

The first three certificates under ISCC CORSIA have already been issued.
More certifications are in the pipeline



Many feedstocks relevant for economic operators in SEA are eligible under CORSIA and can be certified

Examples



Oil palm fresh fruit bunches (FFB)



Palm oil mill effluent (POME)



Palm fatty acid distillate (PFAD)



Empty palm fruit bunches (EFB)



Used cooking oil (UCO)



Crude glycerine

While ISCC CORSIA is a stand-alone certification system, combined audits with ISCC EU and PLUS are facilitated by harmonized system elements

ISCC EU



ISCC CORSIA



ISCC PLUS



Multi-stakeholder organization



Quality and risk management



Integrity Program



Requirements for certification bodies



Requirements for conducting audits



Registration and certification process

ISCC CORSIA certification provides additional business opportunities for economic operators in SEA

- Post-COVID recovery of the aviation sector sees **aviation fuel demand** grow again
- Broad consensus across the industry that **SAF will play a major part** in achieving the aviation sector's climate goals
- The globally applicable **CORSIA scheme prominently includes sustainable (certified) SAF** in its design
- **ISCC CORSIA is one of only two certification schemes recognized** under CORSIA to certify SAF that is eligible under CORSIA
- **Many feedstocks relevant for SEA economic operators are eligible as feedstocks** for CORSIA eligible SAF
- Due to the harmonization of the ISCC standards, ISCC EU/PLUS certified companies can become ISCC CORSIA certified at a comparatively **low additional audit effort and cost**



Thank you for your attention!

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