

# Lightning talk on the Green Transformation of Airports

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# Who are we?

## *The Bridgehead to Asia*

- Airports Carbon & Energy management
- Book & Claim - SAF Certificates (EAC)
- Consulting: ACA, climate risk, strategy

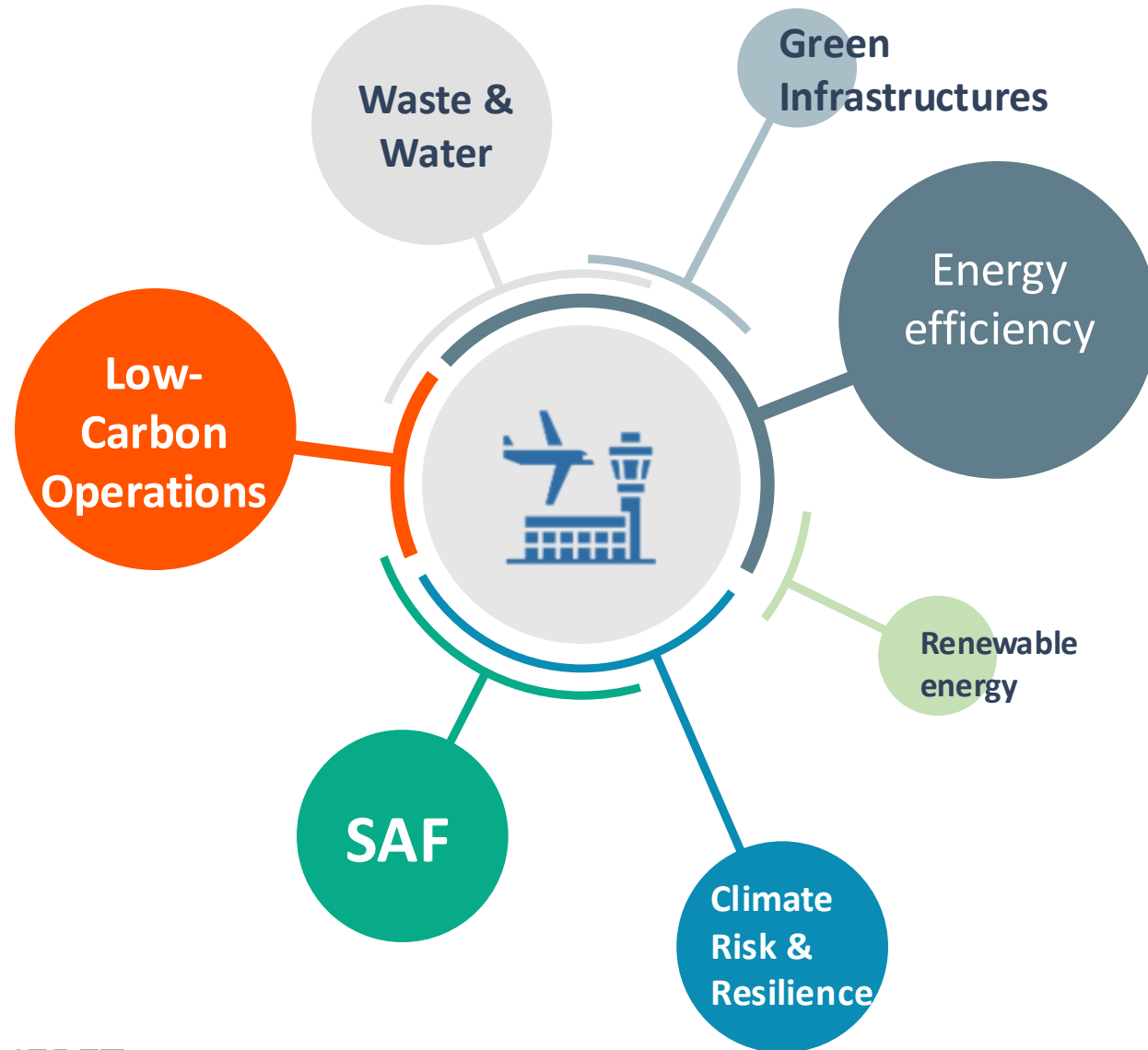


# Safeguard the viability of the airport industry and address the challenge of climate change





# Airport sustainable transformation





# Airport Sustainability Use-Cases in Asia



## 1 of the world best airport: AI-power HVAC

- IoT & AODB data collection
- Machine learning algorithms to improve energy efficiency
- 15 to 20% cost savings



## HKIA: Carbon Management

- Digital Dashboards
- ESG Reporting (Scope 1, 2, 3)
- Reduction target of 55% reduction by 2035 (vs 2018)



## NRT: SAF promotion

- 30% CO2 reduction 2030
- Encourage the use of SAF via trading Scope 3 reduction value.
- Companies / Cargo - forwarders



## Philippines: Climate Risk assessment

- Typhoon, flooding, sea level rise
- Investors & PPP priority
- Adaptation - mitigation - resilience

*But also, solar panels EV, charging station, transition from APU to BME...*

# What next ?

## SAF challenge & opportunities in ASIA

### Challenges

- No unified regional policy
- Varying sustainability frameworks
- Airport infrastructure readiness
- Market awareness – price sensitivity

### Opportunities

- Growing country mandates & traffic
- SEA feedstock: 12% SAF demand (1) - almost untapped
- Growing refineries investment
- Book & Claim – SAF certificates

## What next ?

- **Green energy exporters?**
- **An Africa–Asia SAF corridor?**
- **Green finance (SAF bonds?)**



# Thank you

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