



LC-SC3-SA-1-2020: Smart Airports

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Scope:

Proposals will demonstrate novel concepts and effective solutions to stimulate the take-up of biokerosene and other relevant alternative fuels by aviation.

Airports:

Each proposal will contain one **Lighthouse Airport** where the demonstration actions will be implemented. This Lighthouse Airport will also collaborate closely with **two Fellow Airports**.



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Lighthouse Airports and Fellow Airports

- **Lighthouse Airports** →
inspiring examples
 - **Scaling up / replication**
 - **Innovative solutions**
 - **First-mover-risk**
- **Fellow Cities**
 - **Actively participate** →
replication
 - **Close collaboration**





Two areas:

A) Smart use in airports and aircraft of biofuels and other relevant alternative fuels

The aim is to integrate sustainable bio-kerosene and other relevant alternative fuels in the fuelling infrastructure and associated fuel-handling logistics of the airport, including blending operations resulting in blends compliant with the ASTM standards.

B) Smart Energy in Airports:

Projects will demonstrate novel concepts and solutions aimed at improving the reduction of greenhouse gas emissions from the operations of the airports.



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