

# Hydrogen potential in aviation

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THE  
**Shannon**  
AIRPORT GROUP





**Embedding Sustainability  
into our DNA**



**Greening our operations**



**Building a Sustainable  
Shannon Campus**



**Creating community  
Impact**



**Our pillars of sustainability**



PILLAR

## Building a Sustainable Shannon Campus

GOAL

- ▶ **Transition current/brownfield property stock**
- ▶ **Develop/enable clean energy across the campus**
- ▶ **Facilitate sustainable mobility across the campus and beyond**
- ▶ **Invest in smart and innovative infrastructure**

# Decarbonising aviation

## Challenges

- Significant growth in demand
- Difficult to decarbonise

## Opportunities

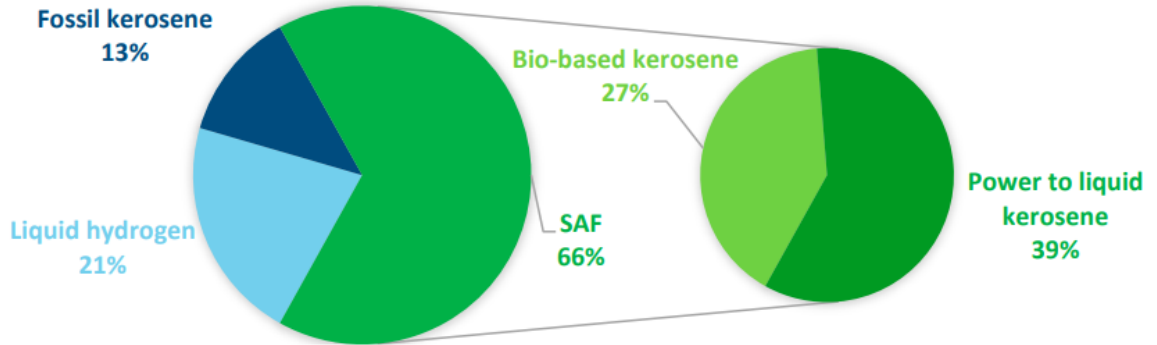
- Air Traffic Management & Operations
- Economic Measures
- Aircraft & Engine Technology
- Sustainable Aviation Fuel (SAF)



# The role of Hydrogen



ReFuelEU - Blending  
mandate for SAF



Source : EU Destination 2050 Report





Norway opens new hydrogen station at Oslo Airport



AGS Airports developing hydrogen fuel infrastructure and zero-emission flights



**Toulouse Blagnac Airport takes a step forward in the hydrogen transition**



SEA, Milan airports, and Snam launch green hydrogen at Malpensa Airport



Copenhagen Airport spearheads green hydrogen project for transport fuel



First commercial hydrogen-electric flight between London and Rotterdam The Hague Airport expected in 2024



# SHANNON LIGHTHOUSE PROJECT



The Shannon Airport Group and ESB to develop hydrogen test bed for aviation and transport



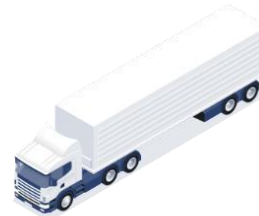
LOCAL INDUSTRY



SUSTAINABLE AVIATION FUELS



PUBLIC TRANSPORT



HGV TRANSPORT & LOGISTICS



Energy for generations

