

# DAEDALUS SCRUTINY PANEL

18 JANUARY 2024

## SOLENT AIRPORT CARBON REDUCTION PLAN

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# FBC and Climate Change

- September 2019: Commitment to carbon neutrality by 2030
- June 2021: Climate Change Action Plan (CCAP) approved by Executive
- July 2022: First CCAP annual progress report published



# RCA and Climate Change

- RCA working closely with FBC to deliver the airport elements of the FBC CCAP
- RCA met quarterly with the Climate Change Team
- Worked with RCA to develop a Carbon Reduction Action Plan for the airport

# How we calculate the Airport's Carbon Footprint

Carbon Footprint reporting splits emissions into three scopes:

- Scope 1 – all **direct** emissions from activities e.g. vehicle fleet fuel
- Scope 2 – any **indirect** emissions from energy e.g. electricity for offices
- Scope 3 – any other **indirect** emissions, occurring from sources we do not own or do not control, e.g. gas and electricity at our leisure centres

# WHAT IS INCLUDED?

- From FBC perspective all airport emissions come under Scope 3
- RCA's perspective is different as they are the operator

Scope	Emissions Source
Scope 1	Gas usage on-site (Control Tower)
	Fuel consumption (airport vehicles)
Scope 2	Electricity usage on-site (e.g Control Tower)
Scope 3	Control Tower tenant emissions gas
	Control Tower tenant emissions electricity

# Projects

# Vehicle Fleet

- Vehicle replacement programme approved May 2023
- Look at opportunities for EV replacements
- Hydrotreated Vegetable Oil – Biofuel that significantly reduces carbon emissions
- Used by non-airside vehicles in 2022/23
- Being rolled out for airside vehicles in winter 2024

# Control Tower

- RCA staff engagement plan - awareness as though at home
- Similar to FBC plan – diligence on turning of lights, computers, etc.
- LED motion sensors for lighting
- Ongoing assessment of utilities data
- Communication with tenants and other airport users
- Challenges - age and construction of Control Tower building

# Fuel Type

- Electric planes - charger to be installed in 2024
- Sustainable Aviation Fuel (SAF) - requires minimal infrastructure change
- UL91 unleaded AvGas - consideration during fuel asset upgrade



# FUTURE PLANS

- Keep abreast of new developments in green flight
- Control Tower heating - timer
- Solar panels - as already at Grounds Maintenance Facility
- On-going regular liaison with tenants

# Carbon Reduction at Solent Airport

Any Questions?