

SUSTAINABILITY TOOLKIT

TAKING ACTION FOR A
GREENER AIRPORT

30.10.19

TAKING RESPONSIBILITY

OUR LONG-TERM
GOAL



BECOME NET ZERO
FOR CARBON EMISSIONS FROM
OUR OPERATIONS
BY 2050

INTRODUCING OUR

Seven priority areas to minimise negative impacts and to consume less resources



1

Carbon

We will continue to reduce airport carbon emissions.

2



Energy

Incorporate energy efficient infrastructure and equipment. Ensure that we use renewable energy wherever possible.



3

LEV

We will implement the objectives of our LEV policy to transition to a LEV fleet wherever possible.

4



Plastics & Waste

We will implement the objectives of our waste policy in order to achieve 50% recycling waste by 2020.



5

Water

By 2020, we will reduce water usage by 10% based on the 2016 baseline.

6



Air Quality, Noise and Surface Water

We aim to increase awareness of our impact on surface water quality, monitor air quality and undertake active noise management.

7



Green Procurement

We will implement the objectives of our Green Procurement Policy in all procurement decisions.

2020 SUSTAINABILITY TARGETS

WE ARE
ON TRACK



Carbon neutral under the Airport Carbon Accreditation Scheme



Transition to a Low Emission Vehicle Fleet underway



33% improvement in energy efficiency
(vs 2006-2008 baseline)



Green Procurement Policy implemented

0%

Zero waste to Landfill Policy



50% recycling by 2020 and minimise waste generation



10% reduction in water usage per passenger
(vs 2016 baseline)

SUSTAINABILITY INITIATIVES DELIVERED 2018-2020

FEGP



SOLAR ARRAY



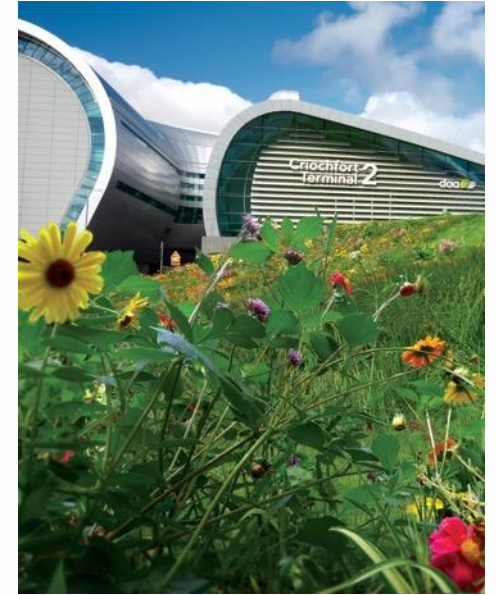
WASTE MANAGEMENT BINS




POTABLE WATER



WILDFLOWERS AND INSECT HOTELS





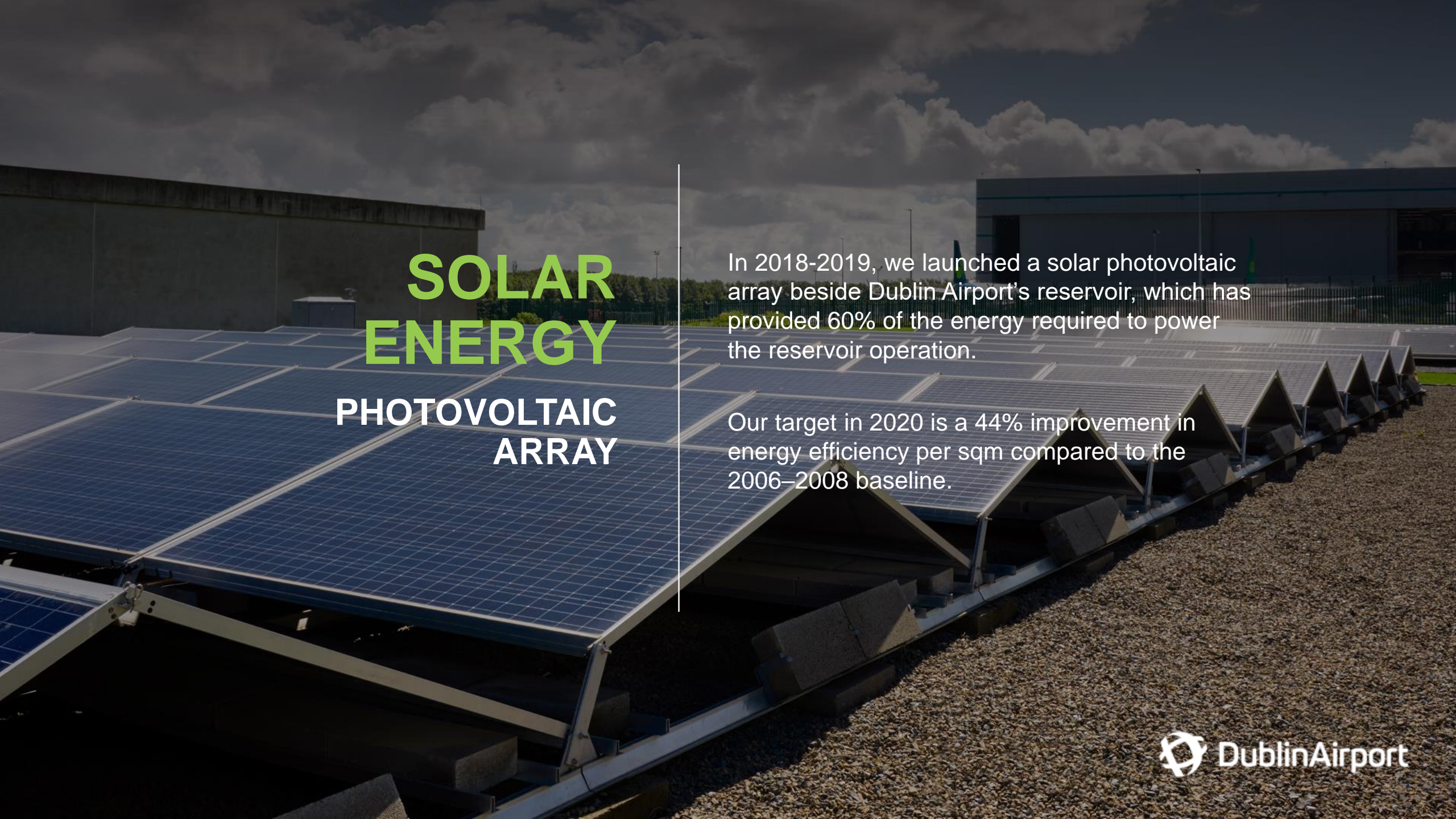
AIRFIELD ENERGY

FIXED ELECTRICAL GROUND POWER (FEGP)

FEGP allows aircraft to plug directly into a fixed electricity powered energy source while they are parked on the airfield.

Previously, aircraft had to plug into small, diesel-powered vehicles that produce significant fumes and noise.

- FEGP units have been installed on Piers 1 and 3 at Dublin Airport.
- Dublin Airport currently has 46 FEGP units installed and operational on the airfield.
- By 2024, Dublin Airport has a target of converting all contact stands to use FEGP.



SOLAR ENERGY

PHOTOVOLTAIC ARRAY

In 2018-2019, we launched a solar photovoltaic array beside Dublin Airport's reservoir, which has provided 60% of the energy required to power the reservoir operation.

Our target in 2020 is a 44% improvement in energy efficiency per sqm compared to the 2006–2008 baseline.



BIO-DIVERSITY

WILDFLOWER BEDS AND INSECT HOTELS

We are developing a wildflower habitat for the protection of meadow breeders and butterflies, in accordance with the pollinator programme approach and will build insect hotels by 2021.



ELECTRIC POWER

LOW EMISSION VEHICLES

We will implement the objectives of our Low Emission Vehicles (LEV) policy to transition to a LEV fleet wherever possible, and as soon as possible, and will encourage other operators on site to do the same.

By 2024, all vehicles on-campus will be low emission.

TAKING RESPONSIBILITY

OUR COMMUNITY FUND –
SUPPORTING LOCAL PEOPLE
AND ORGANISATIONS

Dublin Airport will invest €400,000 per year over 25 years in the local community

Support is focused on areas such as:

- Environment and sustainability
- Sports and recreation
- Social inclusion and community development
- Health and well-being
- Culture and heritage



TAKING RESPONSIBILITY

**€3 MILLION RAISED FOR 27
IRISH CHARITIES SINCE 2007**

- **daa Staff raise €330,000 for three Irish charities In 2019**
- **Extensive staff involvement in community voluntary initiatives supported by the company.**