



An Roinn Iompair,
Turasóireachta agus Spóirt
Department of Transport,
Tourism and Sport

Resource Efficiency Action Plan 2019



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Introduction

In January 2019, the Minister for Communications, Climate Action and the Environment, Minister Richard Bruton T.D. received government approval to implement an all of government plan to make Ireland a leader in responding to climate change. This approval encompassed a number of measures including:

- No Government department will purchase single-use plastic cups, cutlery and straws for use within their offices¹
- All Government departments will develop resource efficiency action plans (REAP) by the end of June this year. These plans will help staff make savings in energy and water use as well as preventing food waste and maximising recycling.
- The Department of Communications, Climate Action and the Environment (DCCA) will work with the Office of Government Procurement (OGP) to bring forward proposals on how national public procurement policy can take account more fully of environmental matters. This will ensure state contracts include the full life cycle cost of our purchases. These proposals were to be finalised by the end of March 2019.

The Department of Transport, Tourism and Sport (DTTAS) is actively engaging in measures to improve efficiencies in the context of energy, waste, water and recycling. DTTAS are active participants in the OPW Optimising Power @ Work campaign and continue to pursue and progress energy initiatives across the Department.

As part of the Public Sector Energy Efficiency Strategy (published by DCCA in January 2017), DTTAS reports to the Sustainable Energy Authority of Ireland (SEAI) on the Public Sector Energy Reporting Programme. Delivery on targets of the Strategy is tasked to a Departmental Energy Team, which is led by the Departmental Energy Performance Officer (at Management Board Level).

The recent publication of the Whole of Government National Climate Action Plan sets out a path for us to meet our 2030 target for carbon emissions. The implementation of a REAP in the Department is a positive step forward in monitoring and reporting on climate actions.

¹ This obligation applies to all public bodies and agencies under the Department's aegis except where specific public health/hygiene issues arise since March 2019

Overview of the Department of Transport, Tourism & Sport

The Mission of the Department is to shape the safe and sustainable development of transport, tourism, and sport, to support economic growth and social progress.

The Department is arranged into six sectoral areas which broadly reflect distinct functional units. At the same time, its mission requires co-operation and interaction between sectoral areas. The high-level goals of the sectors are set out in summary fashion below:

Aviation	To maximise air transport connectivity with a safe, competitive, cost-effective and sustainable aviation sector.
Land Transport (Public Transport and Roads)	To best serve the needs of society and the economy through safe, sustainable and competitive transport networks and services.
Maritime	To facilitate safe and sustainable maritime transport and the delivery of emergency management services.
Tourism	To support the tourism industry to grow in a sustainable way.
Sport	To contribute to a healthier and more active society by promoting sports participation and by supporting high performance and the provision of facilities.
Corporate Services	To support the Minister, the Minister of State and the Department to deliver on our Mission Statement and High Level Goals.

DTTAS has a large portfolio and operates from Dublin Headquarters in Leeson Lane along with a number of regional locations including: Shannon, Killarney, Loughrea and Malin Head. The initiatives set out in this Resource Efficiency Action Plan will be implemented in the Dublin HQ in the first instance with a view to extending the initiatives out to our decentralised locations. In some instances the initiatives may be applied by the anchor tenants of those locations. There are also 23 agencies under the aegis of the Department and there are a number of initiatives underway to drive resource efficiency.

The REAP will allow assessment of opportunities to achieve efficiencies in relation to energy, waste, water and also to improve staff awareness in respect of these matters.

Energy

Overview:

In 2009, the Government set a national target to improve energy efficiency by 33% in the Public Sector in an exemplar role by 2020. Most of the savings made to date in this Department have come from measures such as behavioural change campaigns, smarter use of energy and some equipment upgrades. The Department reports annually on energy efficiency initiatives and savings achieved through the SEAI monitoring and reporting portal. These are published annually and DTTAS has improved its energy efficiency by 22% (to 2018) from baseline (2009).

Actions:

In 2019, DTTAS will:

- Establish a Departmental Energy Team tasked with assisting in delivering the targets set out in Public Sector Energy Efficiency Strategy. (Implemented)
- Arrange for a full Building Management System (BMS) review and upgrade. (Review Completed)
- Work with the Office of Government Procurement (OGP) to ensure green procurement policy is being utilised for procurement of goods and services. (Ongoing)
- Seek to install two electric vehicle chargers in our car park. (At final stage)
- Finalise replacement of all of the lights in Leeson Lane to energy saving LED lights which commenced in 2018. (Implemented)
- Publish energy audit report carried out through OPW's Optimising Power @ Work. (Implemented)
- Seek to implement a Utilities Record Workbook (to record and monitor future electricity, gas, and water use). (Ongoing)
- Seek to adjust our electricity supply contract to realign the Maximum Input Capacity (MIC). (Ongoing)

Waste Disposal, Food Waste & Recycling

Overview:

Waste management processes including reduction, reuse, recycling and disposal are being reviewed. DTTAS are in the process of improving segregation of waste and recycling disciplines. The Department is also providing training and awareness to staff on minimising waste and promoting a circular economy approach. In advance of the Government Decision on Single Use Plastics (SUP), DTTAS provided each staff member with a re-usable KeepCup and removed all takeaway disposable plastic cups from our canteen and other areas in the Department (e.g. some water dispensers).

Actions:

In 2019, DTTAS will:

- Introduce reusable water bottles for all staff members and ensure that all new staff are provided with both a reusable KeepCup and water bottle. (Implemented)
- Remove all SUPs including plastic cups at water fountains, single use cutlery, straws etc. (Implemented)
- Educate staff on waste and waste reduction via training and poster campaigns. (In train and further actions planned)
- Establish a Green Team in the Department. (Implemented)
- Implement a full policy of waste segregation in the Leeson Lane complex and abolish the use of individual bins. (In train and further actions planned)
- Strategically locate bins e.g. ensure a food/organic waste bin is located at all kitchen areas. (Implemented)
- Liaise with the catering company in the canteen to ensure that food waste is kept to a minimum and reused insofar as possible. (Implemented)

Water

Overview:

DTTAS procured consultants to carry out a resource efficiency assessment in our HQ, Leeson Lane. Water usage per person is approximately double the benchmark average for office buildings. The recently established Green Team will explore these findings further.

This applies to the Nurses Building and the Main & Georgian Buildings.

Actions:

In 2019, DTTAS will:

- Investigate the possibility of checking for water leaks in the Leeson Lane complex through an overnight leak test. (To be done)
- Examine possibility of retrofitting dual flush controls to toilet cisterns (where not already installed) (To be done)
- Remove all kettles from kitchenettes and supply eco hot water boilers. (In train)
- Review the use of bottle water coolers and replace with in-line water filter and/or cooler units where possible. (To be done)
- Provide reusable water bottles to all staff and remove single use plastic cups. (Implemented)
- Provide carafes and drinking glasses for meeting rooms. (To be done)

Annex 1

Data for REAP environmental benchmark Year: 2018

Department name: Department of Transport, Tourism & Sport

Site

Site address: Leeson Lane, Dublin D02 TR60

Green team contact person: Name: Karina Byrne
email: karinabyrne@dtas.gov.ie
phone: 01 6041106

Total number of staff at this site (full time equivalent): 390

Total area of the building (m2): 12146 m2

Energy data

Total electricity use for the year 852,727 kWh

Total thermal fuel use for the year (as relevant):

Natural gas, LPG, & biogas 931,743 kWh

Heating oils kWh

Renewables kWh

Total thermal fuel use: 931,743 kWh

Energy indicator: 146.92 kWh per m2 per year

Total transport fuel use kWh

Water data

Total water use for the year 7,242 m3

Water indicator: 19 m3 per employee per year

Waste data

Total waste amounts for the year (fill in as relevant):

Recyclables 22 tonnes

Food waste tonnes

General waste 62 tonnes

Other (e.g. confidential paper, WEEE, etc.) 7 tonnes

Total waste 91 tonnes

**Waste indicators: 233 kg per employee per year
32% percentage sent for recycling**

A summary list of recent environmental actions already taken (waste, water, energy, resources)

- Moving almost all staff from three buildings to one in Dublin city centre thus reducing energy costs to maintain these buildings.
- The Nurses Home building, which forms part of the accommodation for Departmental staff in Leeson Lane, was totally refurbished in 2015/2016. A number of energy efficient measures were taken to improve the energy efficiency of the building. These measures included the installation of thermostatically controlled heating throughout the building, the installation of PIR (passive infrared) sensor lighting on each floor, the provision of timers on burco boilers, and the removal of individual bins
- An "Energy Awareness Day" for all staff was held in February 2018



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