



An Roinn Leanaí, Comhionannais,
Míchumais, Lánpháirtíochta agus Óige
Department of Children, Equality,
Disability, Integration and Youth

Resource Efficiency Action Plan 2020



An Roinn Leanaí, Comhionannais, Míchumais, Lánpháirtíochta agus Óige, Bloc 1, Plaza Miesian, 50-58 Sráid Bhagóid Íochtarach, Baile Átha Cliath 2. D02 XW14

Department of Children, Equality, Disability and Youth, Block 1, Miesian Plaza, 50-58 Baggot Street Lower, Dublin 2. D02 XW14

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Department Name	Department of Children, Equality, Disability, Integration and Youth
Address	Block 1 Miesian Plaza, 50-58 Miesian Plaza, Lower Baggot Street, Dublin 2. D02 XW14
<p>The Department of Children, Equality, Disability, Integration and Youth (DCEDIY) has responsibility for policy, legislation and services in respect of children and young people. In addition, a number of new functions transferred to the Department in October 2020, including responsibility for policy, legislation and services relating to integration and equality. Responsibility for disability policy and legislation also transferred to the Department in October 2020 and it is intended that responsibility for disability services will transfer to this Department at a later date.</p> <p>Bodies under the aegis of the Department:</p> <ul style="list-style-type: none"> • the Child and Family Agency (Tusla); • the Adoption Authority of Ireland; • the Ombudsman for Children’s Office; • the Oberstown Children Detention Campus; • the Irish Human Rights and Equality Commission; and • the National Disability Authority. <p>The DCEDIY REAP for 2020 includes the Department's headquarters at Miesian Plaza only. Additional office accommodation was transferred to DCEDIY in October 2020 under the Transfer of Functions from the Department of Justice. This office accommodation is located at Montague Court, Montague Street, Dublin 2. Resource Efficiency Actions will apply to both DCEDIY office locations where possible and it is intended that the additional site will be included in the DCEDIY REAP for 2021. The Department completed its first REAP for 2019 for the Department's headquarters at Miesian Plaza.</p> <p>Note on benchmark data: The Department had an estimated average of 20% of staff on site over the course of 2020. Energy, water and waste data calculations are based on the Department’s floor area as a percentage of the total floor area for the building, which is shared with other Departments. Benchmark data provided in this REAP, including water and waste indicators per employee should be considered accordingly for 2020.</p>	

Energy Actions

Action No.	Energy topic area	Action	Start	End (actual/expected)	Status	Report on progress of actions (completed or ongoing) i.e. what has been achieved/what has been the impact (e.g. incl. quantities saved, etc.)
1	Electricity	PIR sensors fitted in all areas of the floor space to provide automatic light turn off.	Jan-2019	Dec-2020	Completed	A reduction in energy use in offices and open plan floor area when they are not in use.
2	Energy Management	Unplugged all computer monitors and desktops. Also unplugged electric sit/ stand desks that are not in use during Covid restrictions since March 2020	Mar-2020	Dec-2021	Underway/Ongoing	The unplugging of all power at staff desks has proved to reduce stand by power used at these desks.
3	Energy Awareness	Continue to participate in the optimising Power@Work programme.	Jan-2019	Dec-2022	Underway/Ongoing	Ongoing participation in the programme to include staff awareness days. Webinars for staff, Signage in print stations. Also to highlight awareness for staff working from home to save their own energy usage.
4	Transport	Bicycle parking	Jan-2019	Dec-2019	Completed	Safe bicycle parking provided in the building and promoted for staff use.
5	Thermal	A review of potential energy actions on the Building Management System (BMS)	Jan-2021	Dec-2021	Planned	At planning stage. There are a number of areas that can be reviewed on the BMS for improved energy performance.
6	Energy Management	Removal of personal heaters and fans	May-2018	Dec-2018	Completed	The removal of the individual heaters and fans reduced energy consumption.

Water Actions

Action No.	Water topic area	Action	Start	End (actual/ expected)	Status	Report on progress of actions (completed or ongoing) i.e. what has been achieved/what has been the impact (e.g. incl. quantities saved, etc.)
1	Water Conservation	All toilets and sinks smart sensor operated	Jan-2019	Dec-2020	Completed	All toilets are low-flush and use between 3-4 litres per flush. All handbasins, are sensor operated which further reduces waste and usage.
2	Sustainable Water Management	A survey is to be undertaken of bottled water coolers to establish if these can be changed to a mains fed type.	Jan-2021	Dec-2021	Planned	Planning underway for survey of water coolers.
3	Sustainable Water Management	Water usage is managed through the Building Management System.	Jan-2019	Dec-2020	Completed	Water sustainability and Water Conservation are promoted through the use of a Rainwater Harvesting System (RWHS). Rain water collection tanks are located in the basement and variable speed booster pumps distribute filtered rainwater for WC flushing and irrigation.

Waste Actions

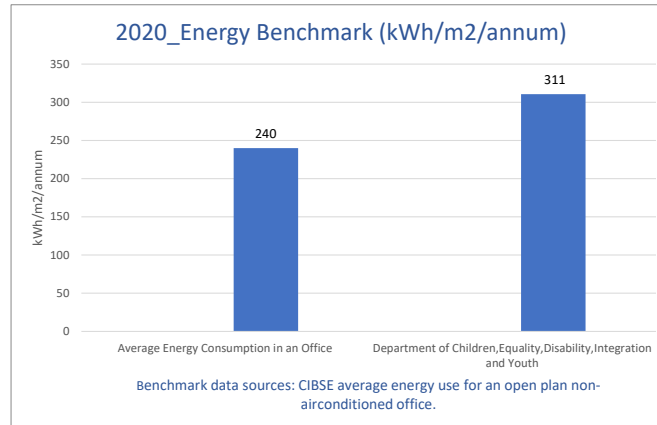
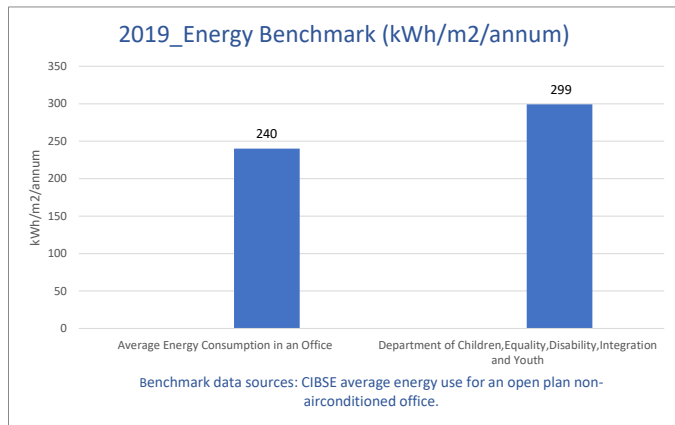
Action No.	Waste topic area	Action	Start	End (actual/expected)	Status	Report on progress of actions (completed or ongoing) i.e. what has been achieved/what has been the impact (e.g. incl. quantities saved, etc.)
1	Waste Management/Other	Install centralised recycling stations.	May-2018	Dec-2020	Underway/Ongoing	All staff are now aware of recycling and composting as an important part of waste management for the Department. Centralised recycling bin facilities were introduced at the tea stations on each floor. This led to a reduction in the volume of general waste and an increase in recycling and composting.
2	Single Use / Single Use Plastics	Removal of individual staff waste bins	May-2018	Dec-2018	Completed	By removing individual staff waste bins, this has resulted in a saving of approximately 250 plastic bags per day.
3	Single Use / Single Use Plastics	All bins bags used are now biodegradable	Oct-2020	Dec-2020	Completed	All bin bags for the floors are now biodegradable for more environmentally friendly waste management
4	Single Use / Single Use Plastics	Removal of single use plastics for staff use	Jan-2019	Dec-2019	Completed	Issued a reusable mug to all staff. Reusable cups, plates and cutlery provided for meeting rooms.
5	Single Use / Single Use Plastics	Removal of single use plastic cutlery	Jan-2019	Dec-2019	Completed	Bamboo stirrers provided to replace single use plastic spoons.
6	Paper Use & Printing	Move to electronic document management system	Nov-2019	Dec-2019	Completed	The Department's move to eDocs for records management has reduced the need for paper files. This transition in conjunction with working from home has reduced the use of printing in the office.
7	Food Waste	Carry out an analysis of the volumes of food waste produced and any potential for food waste reduction	Jan-2021	Dec-2021	Planned	Planning is underway to review food waste, measure and reduce waste going to landfill.
8	Staff Awareness	Promote staff awareness on the reduction of food waste	Jan-2021	Dec-2021	Planned	Planning underway for a staff awareness campaign on the reduction of food waste.
9	Staff Awareness	Develop a waste awareness programme for when staff return to the office, covering: waste reduction; waste segregation; and, recycling initiatives	Jun-2021	Dec-2021	Planned	

Other Actions

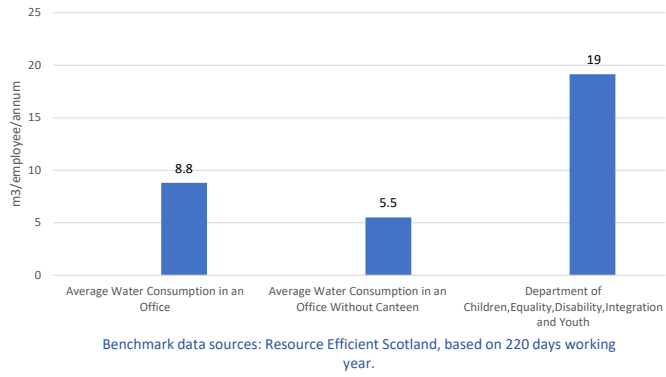
(management, green procurement, resources, staff awareness, biodiversity, etc.)

Action No.	Other actions topic area	Action	Start	End (actual/expected)	Status	Report on progress of actions (completed or ongoing) i.e. what has been achieved/what has been the impact (e.g. incl. quantities saved, etc.)
1	Green Procurement	To comply with guidelines for green procurement	Jan-2019	Apr-2019	Underway/Ongoing	All new contracts for the Department are to comply with Green Procurement guidelines.
2	Green Procurement	Review all contracts coming to and end and identify where opportunities arise to reduce waste and improve on services provided by vendors.	Feb-2021	May-2021	Planned	Any contracts to be renewed within 2021 to be reviewed
3	Environmental & Climate Staff Awareness	The Green team to implement sustainability initiatives based on staff suggestions.	Feb-2021	Dec-2021	Planned	All staff will be encouraged to submit ideas to the Green Team for consideration.
4	Biodiversity	Carry out a review to identify any interior areas of the building where plants could be introduced.	Feb-2021	May-2021	Planned	
5	Green Procurement	New cleaning service procured which uses green products and practices.	Oct-2020	Jan-2021	Completed	New service in place. All products used meet Environmental Protection Agency standards with high post-consumer recycled content, and no phosphates or aerosol products used.
6	Green Procurement	Consolidate office printing facilities	Oct-2019	Jan-2020	Completed	We have consolidated our office printing systems into 8 A rated multi-function machines. Furthermore the machines are configured for duplex monochrome printing. This has led to a reduction in printing, energy consumption and the removal of 80 personal printers from the office.
7	Green Procurement	Promote and support the adoption of new technologies, for example, web conferencing, that will help to reduce the need for travel.	Aug-2019	Oct-2019	Completed	A new video conferencing system launched in Dec. 2019. The introduction of this system has allowed staff to communicate effectively without the need to travel to meetings

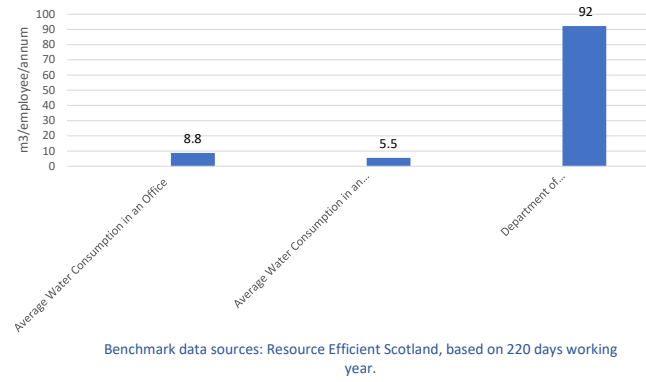
Department Name		Department of Children, Equality, Disability, Integration and Youth										
Sites' Benchmark	Location	Activity (e.g. office, lab, etc.)	Number of Employees	Office Area (m ²)	Annual Energy Consumption (Electricity and Thermal) (kWh/annum)	Total Energy Consumed in Transportation (kWh/annum)	Total Water Consumption (m ³ /annum)	Total Waste Generated (Tonnes/annum)	Energy Indicator (kWh/m ² /annum)	Water indicator (m ³ /employee/annum)	Waste Indicator (kg/employee/annum)	Year
Site 1 2019	Block 1 Miesian Plaza, 50-58 Miesian Plaza, Lower Baggot Street, Dublin 2. D02 XW14	Office	267	3,448	1,032,004	-	5,111	25	299	19	94	2019
Site 1 2020	Block 1 Miesian Plaza, 50-58 Miesian Plaza, Lower Baggot Street, Dublin 2. D02 XW14	Office	277	3,448	1,071,044	-	5,111	12	311	92	208	2020
Percentage Difference			4%		4%	#DIV/0!	0%	-54%	4%	382%	122%	2019-2021



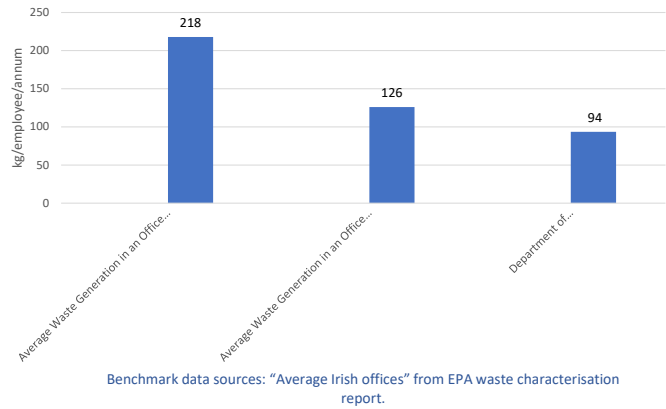
2019_Water Benchmark (m3/employee/annum)



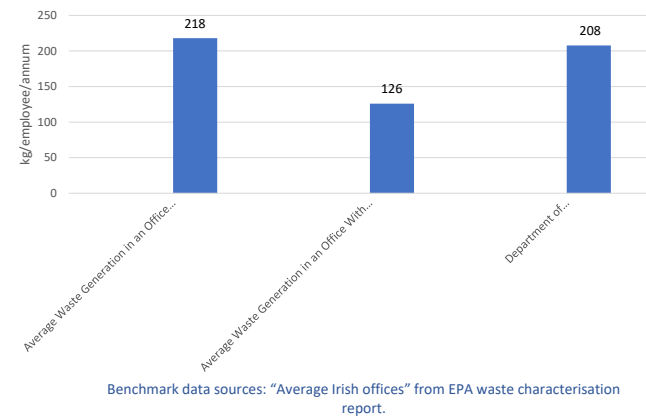
2020_Water Benchmark (m3/employee/annum)



2019_Waste Benchmark (kg/employee/annum)



2020_Waste Benchmark (kg/employee/annum)



Data for REAP environmental benchmark	
Please Insert your Data in the Green Boxes	
Year: <input type="text" value="2020"/>	
Department name:	Department of Children, Equality, Disability, Integration and Youth
Site address:	Miesian Plaza, 50-58 Miesian Plaza, Lower Baggot Street, Dublin 2. D0
Green team contact person:	Name: Gavin O' Brien
	email: gavin.obrien@equality.gov.ie
	phone: 6473269
Total number of staff at this site (full time equivalent):	<input type="text" value="277"/> Employee
Estimated % of staff on site	<input type="text" value="20%"/>
Type of site activity (e.g. office, lab, etc.)	<input type="text" value="Office"/>
Total area of the building (m2):	<input type="text" value="3,448"/> m ²
Energy Data	
Electricity Data	
Total electricity use for the year	<input type="text" value="530,276"/> kWh
Total thermal fuel use for the year (as relevant):	
If the kWh is known for the annual fuel consumption	
Natural gas	<input type="text" value="540,768"/> kWh
LPG	<input type="text"/> kWh
Kerosene/Oil	<input type="text"/> kWh
Renewable	<input type="text"/> kWh
Total annual thermal energy consumption	<input type="text" value="540,768"/> kWh
Total Energy Consumption	<input type="text" value="1,071,044"/> kWh
Energy indicator	<input type="text" value="311"/> kWh per m ² per year
Transport Data	
Total transport fuel use for the year	<input type="text" value="-"/> kWh
Water Data	
Total annual water consumption	<input type="text" value="5,111"/> m ³
Water indicator	<input type="text" value="92"/> m ³ per employee per year

Waste data

Total Annual Waste		
General Waste	4	Tonnes
Recyclables	3	Tonnes
Food Waste	2	Tonnes
Confidential Paper	2	Tonnes
WEEE		Tonnes
Other		Tonnes
Total Waste	12	Tonnes
Waste Indicator	208	kg per employee per annum
Recycling Percentage	65%	%

Data for REAP environmental benchmark

Please Insert your Data in the Green Boxes

Year: 2019 ▼

Department name: Department of Children, Equality, Disability, Integration and Youth
 Site address: Miesian Plaza, 50-58 Miesian Plaza, Lower Baggot Street, Dublin 2. D0

Green team contact person:	Name:	Gavin O'Brien
	email:	gavin.obrien@equality.gov.ie
	phone:	6473269

Total number of staff at this site (full time equivalent):	267	Employee
Type of site activity (e.g. office, lab, etc.)	Office	
Total area of the building (m2):	3,448	m ²

Energy Data

Electricity Data

Total electricity use for the year 527,154 kWh

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

If the kWh is known for the annual fuel consumption

Natural gas	504,851	kWh
LPG		kWh
Kerosene/Oil		kWh
Renewable		kWh
Total annual thermal energy consumption	504,851	kWh

Total Energy Consumption 1,032,005 kWh

Energy indicator 299 kWh per m² per year

Transport Data

Total transport fuel use for the year - kWh

Water Data

Total annual water consumption 5,111 m³

Water indicator 19.14157303 m³ per employee per year

Waste data

Total Annual Waste		
General Waste	6	Tonnes
Recyclables	6	Tonnes
Food Waste	12	Tonnes
Confidential Paper	1	Tonnes
WEEE		Tonnes
Other		Tonnes
Total Waste	25	Tonnes
Waste Indicator	94	kg per employee per annum
Recycling Percentage	76%	%