

Department Name	Department of Health
<p>Please provide a short overview below about</p> <ul style="list-style-type: none"> a) the work and activities of the Site, b) whether a REAP was completed previously for this site c) the site locations that are completing a REAP for this new reporting period. 	

The Department of Health mission is to improve the health and wellbeing of people in Ireland by delivering high quality health services and getting best value from health system resources. The Department of Health is made up of twelve divisions:

Acute Care Division

Chief Nursing Officer's (CNO's) and Professional Regulation Division

Corporate Division

Corporate Legislation, Mental Health, Drugs Policy and Food Safety Division

Governance and Performance Division

Office of the Chief Medical Officer

Policy and Strategy Division

Primary Care Division

Research and Development and Health Analytics Division

Resources Division

Sláintecare Programme Office

Social Care Division

The Department oversees 19 different agencies, including:

Dental Council

Food Safety Authority of Ireland

Health and Social Care Professionals Council (CORU)

Health Information and Quality Authority

Health Insurance Authority

Health Products Regulatory Authority

Health Research Board

Health Service Executive (HSE)

Irish Blood Transfusion Service

Medical Council

Mental Health Commission

National Cancer Registry Ireland

National Paediatric Hospital Development Board

National Treatment Purchase Fund

Nursing and Midwifery Board of Ireland

Pharmaceutical Society of Ireland

Pre-Hospital Emergency Care Council

Safefood

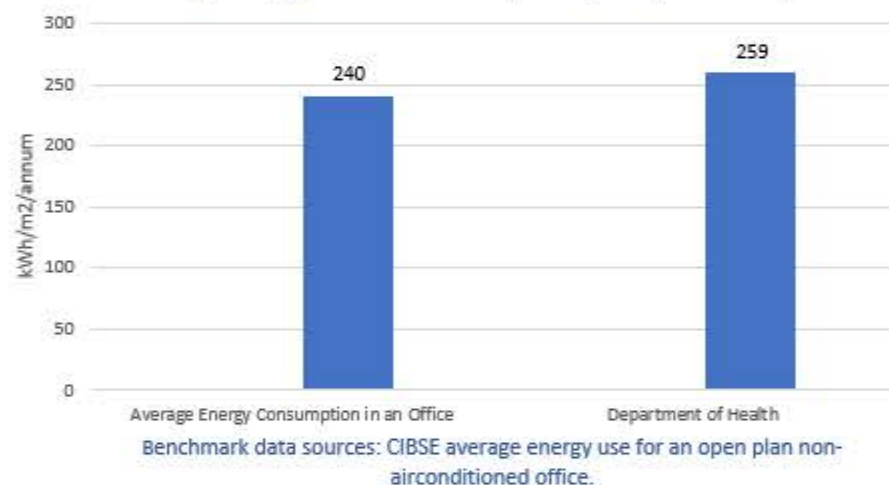
Voluntary Health Insurance Board

The Department employs over 600 full time equivalent staff. The Department completed its first REAP for the year 2019. A green team has been established since 2020, with endorsement from management.

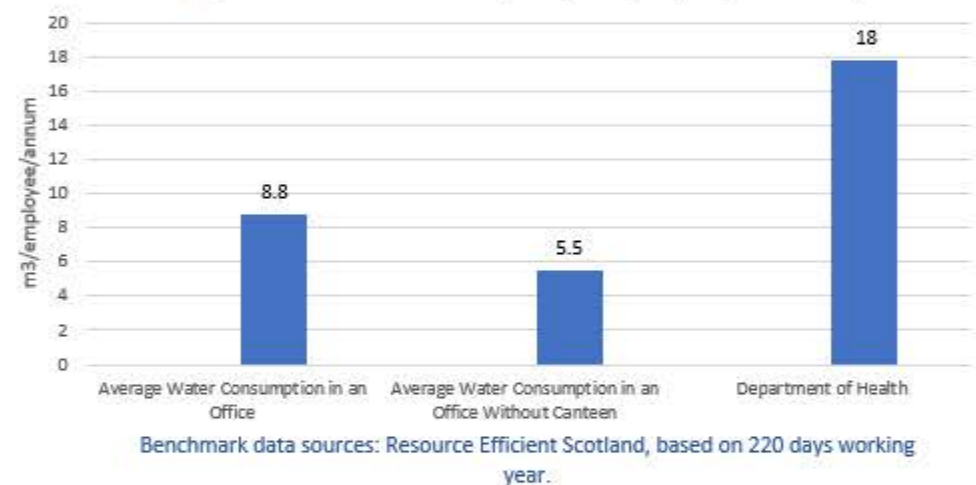
Members represent the main divisions within the department, along with representatives from each floor including several different Units, as well as from the onsite contract facilities company OCS. The REAP for this reporting period focuses on the Department HQ building, located in Miesian Plaza Baggot Street, Dublin 2.

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	Miesian Plaza Block 1 Baggot Street Dublin 2	Office	548	7,824	2,027,346	1	9,782	53	259	18	97	2019
Site 1 2020	Miesian Plaza Block 1 Baggot St Dublin 2	Office	616	7,824	2,211,988	1	2,881	26	283	23	211	2020
Percentage Difference					9%	0%	-71%	-51%	9%	31%	118%	2019-2021

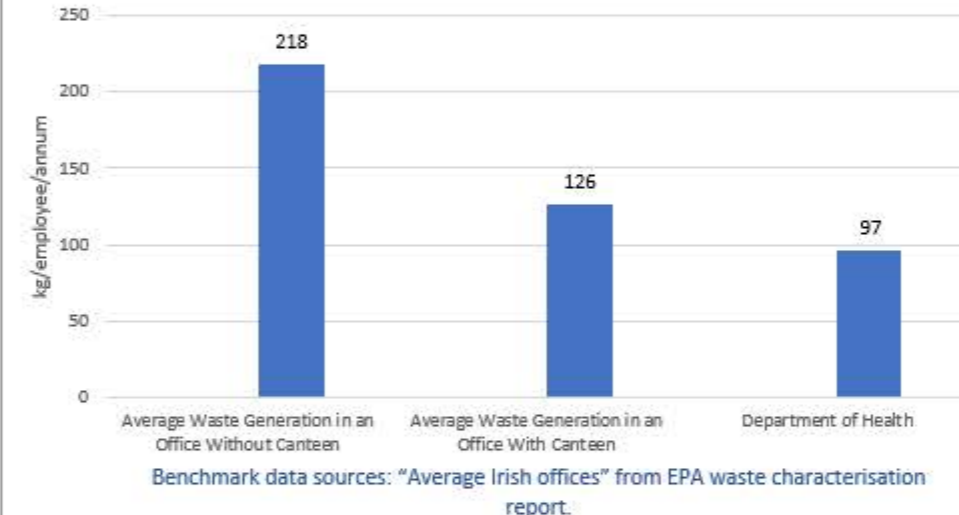
2019_Energy Benchmark (kWh/m²/annum)



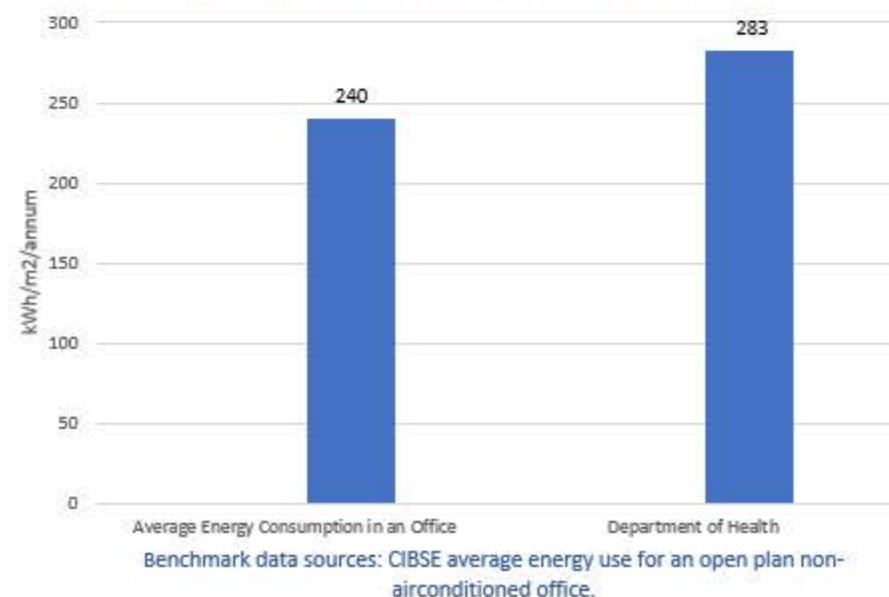
2019_Water Benchmark (m³/employee/annum)



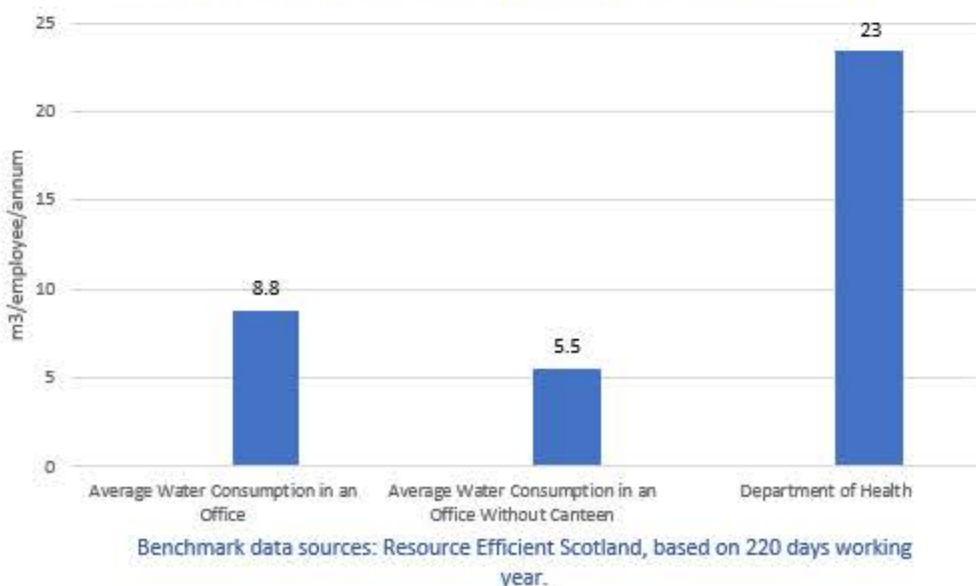
2019_Waste Benchmark (kg/employee/annum)



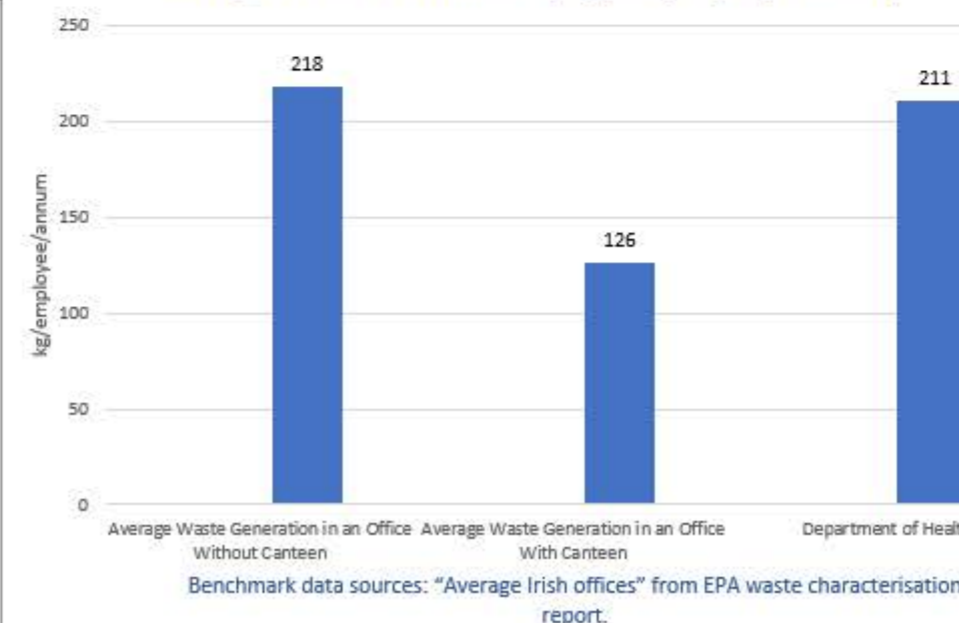
2020_Energy Benchmark (kWh/m²/annum)



2020_Water Benchmark (m³/employee/annum)



2020_Waste Benchmark (kg/employee/annum)



Data for REAP environmental benchmark

Please Insert your Data in the Green Boxes

Year: 2019

Department name:	Department of Health		
Site address:	Miesian Plaza Block 1 Baggot Street Dublin 2		
Green team contact person:	Name:	Nadia Smallwood	
	email:	Nadia_Smallwood@health.gov.ie	
	phone:	(01) 6354203	
Total number of staff at this site (full time equivalent):		548	Employee
Type of site activity (e.g. office, lab, etc.)		Office	
Total area of the building (m2):		7,824	m ²

Energy Data

Electricity Data

Total electricity use for the year 1,086,575 kWh

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

If the kWh is known for the annual fuel consumption

Natural gas	940,771	kWh
LPG		kWh
Kerosene/Oil		kWh
Renewable		kWh
Total annual thermal energy consumption	940,771	kWh

Total Energy Consumption 2,027,346 kWh

Energy indicator 259 kWh per m² per year

Transport Data

Total transport fuel use for the year 1 kWh

Water Data

Total annual water consumption 9,782 m³

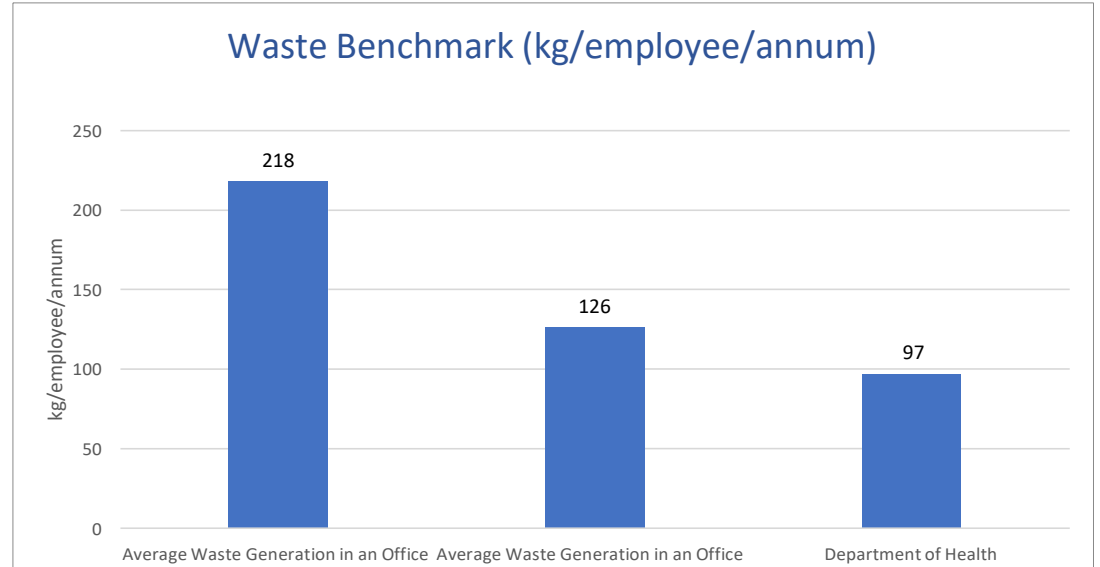
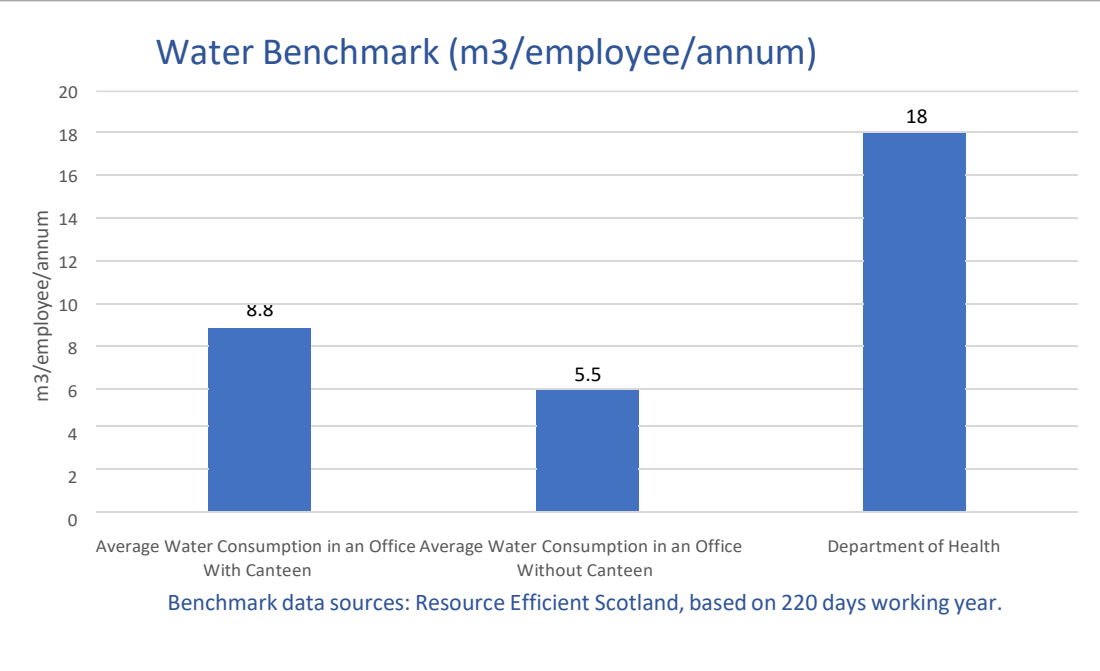
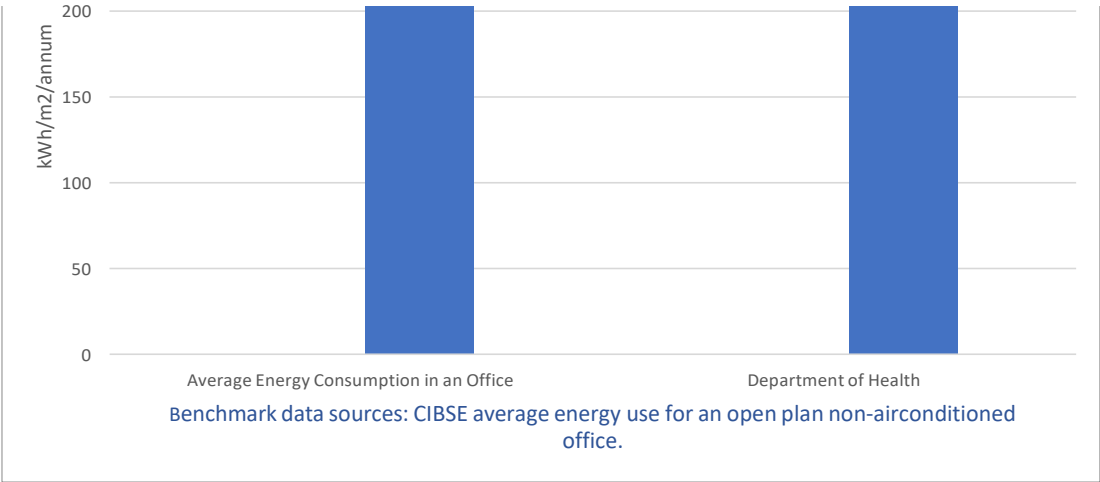
Water indicator 18 m³ per employee per year

Waste data

Total Annual Waste

General Waste	14	Tonnes
Recyclables	11	Tonnes
Food Waste	25	Tonnes
Confidential Paper	3	Tonnes
WEEE		Tonnes
Other		Tonnes
Total Waste	53	Tonnes

Waste Indicator	97	kg per employee per annum
Recycling Percentage	74%	%



Data for REAP environmental benchmark

Please Insert your Data in the Green Boxes

Year:

Department name:	<input style="width: 100%;" type="text" value="Department of Health"/>		
Site address:	<input style="width: 100%;" type="text" value="Miesian Plaza Block 1 Baggot St Dublin 2"/>		
Green team contact person:	Name:	<input style="width: 70%;" type="text" value="Nadia Smallwood"/>	
	email:	<input style="width: 70%;" type="text" value="Nadia_Smallwood@health.gov.ie"/>	
	phone:	<input style="width: 70%;" type="text" value="(01) 6354203"/>	
Total number of staff at this site (full time equivalent):		<input style="width: 50px;" type="text" value="616"/>	Employee
Estimated % of staff on site		<input style="width: 50px;" type="text" value="20%"/>	
Type of site activity (e.g. office, lab, etc.)		<input style="width: 50px;" type="text" value="Office"/>	
Total area of the building (m2):		<input style="width: 50px;" type="text" value="7,824"/>	m ²

Energy Data

Electricity Data			
Total electricity use for the year		<input style="width: 80%;" type="text" value="1,095,160"/>	kWh
Total thermal fuel use for the year (as relevant):			
If the kWh is known for the annual fuel consumption			
Natural gas		<input style="width: 80%;" type="text" value="1,116,828"/>	kWh
LPG		<input style="width: 80%;" type="text"/>	kWh
Kerosene/Oil		<input style="width: 80%;" type="text"/>	kWh
Renewable		<input style="width: 80%;" type="text"/>	kWh
Total annual thermal energy consumption		<input style="width: 80%; border: 2px solid black;" type="text" value="1,116,828"/>	kWh
Total Energy Consumption		<input style="width: 80%; border: 2px solid black;" type="text" value="2,211,988"/>	kWh
Energy indicator		<input style="width: 80%; border: 2px solid black;" type="text" value="283"/>	kWh per m ² per year

Transport Data

Total transport fuel use for the year		<input style="width: 80%;" type="text" value="1"/>	kWh
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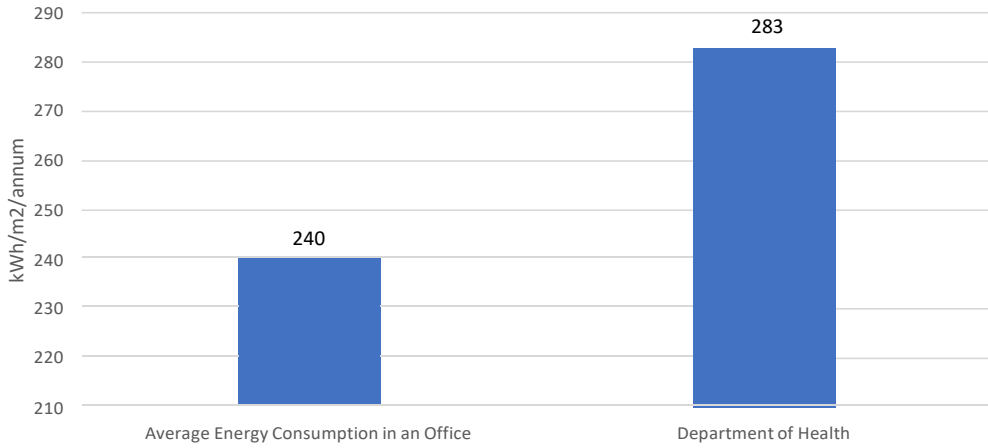
Water Data

Total annual water consumption		<input style="width: 80%;" type="text" value="2,881"/>	m ³
Water indicator		<input style="width: 80%; border: 2px solid black;" type="text" value="23"/>	m ³ per employee per year

Waste data

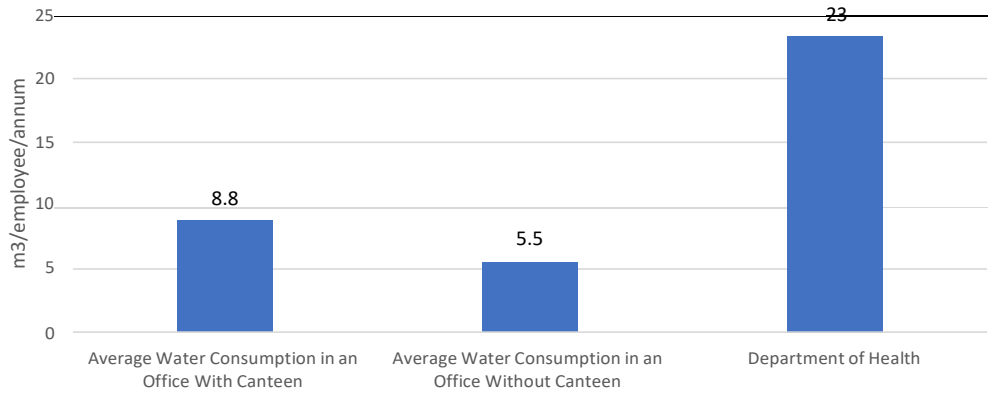
Total Annual Waste		
General Waste	8	Tonnes
Recyclables	6	Tonnes
Food Waste	5	Tonnes
Confidential Paper	7	Tonnes
Other		Tonnes
Other		Tonnes
Total Waste	26	Tonnes
Waste Indicator	211	kg per employee per annum
Recycling Percentage	69%	%

Energy Benchmark (kWh/m²/annum)



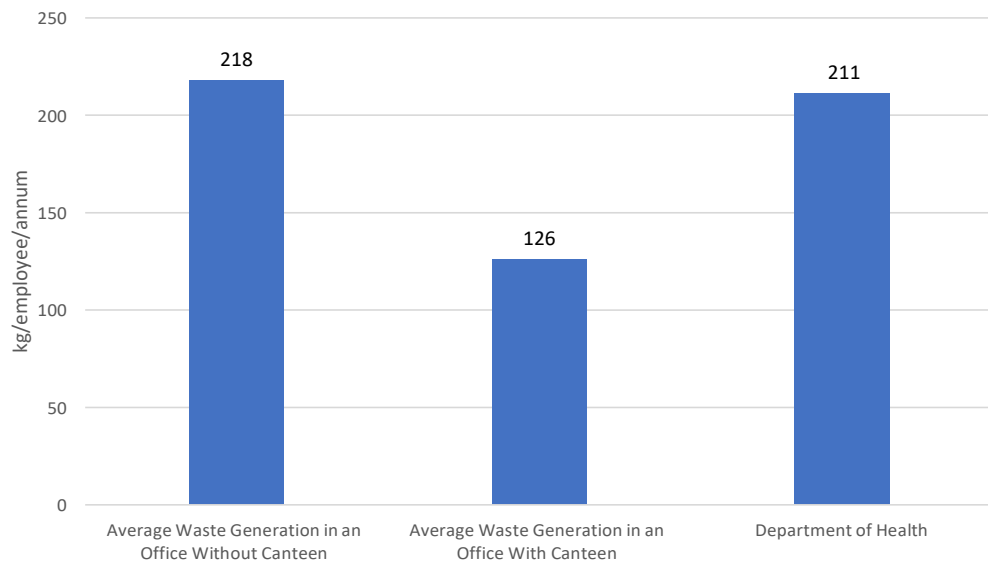
Benchmark data sources: CIBSE average energy use for an open plan non-airconditioned office.

Water Benchmark (m³/employee/annum)



Benchmark data sources: Resource Efficient Scotland, based on 220 days working year.

Waste Benchmark (kg/employee/annum)



Energy Actions

Action No.	Energy topic area	Action	Start	End (actual/expected)	Status	Site name or address	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.)
Example	Electricity	Installation of motion sensor in all external lights	Jan-2019	Jun-2019	Completed	Site address (X, Y, Z Co. Dublin)	Reduced electricity consumption on site by X%
1	Energy Management	Move into Miesian Plaza	Jun-2018	Jul-2018	Completed	Miesian Plaza Baggot Street Dublin 2	We moved into a LEED Platinum Level 4 building.
2	Energy Awareness	Cycle to work scheme	Jun-2018	Jun-2019	Completed	Miesian Plaza Baggot Street Dublin 2	As part of our move we had 146 indoor bicycle racks installed in secure Bike Hall with lockers, a drying room and shower facilities.
3	Transport	Leap Card incentive	Jun-2018	Jun-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Encouraged staff to join Leap card and use the public transport options available to them.
4	Transport	Reduce carpark space	Jun-2018	Jul-2018	Completed	Miesian Plaza Baggot Street Dublin 2	In Hawkins house we had 96 spaces, on our move to MP we reduced our spaces to 45.
5	Energy Management	Joined Optimising Power @ Work	Jul-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	We joined OP@W to encourage behavioural change with regard to energy usage, with the overall aim of identifying and eliminating energy wastage.
6	Energy Management	Green Team training	Nov-2019	Feb-2020	Completed	Miesian Plaza Baggot Street Dublin 2	Staff have been trained with GreenTeams.ie
7	Energy Management	Green Ambassadors	Nov-2019	Dec-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Staff volunteered to join the Green team, staff voted for an ambassador for each team.
8	Energy Awareness	Eco Fair	Dec-2019		Abandoned	Miesian Plaza Baggot Street Dublin 2	The event was cancelled due to the unavailability of the townhall.
9	Energy Management	Green teams per floor	Dec-2019	Dec-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Staff volunteered to join the Green team, a team was assigned per floor.
10	Energy Awareness	Removal of personal heaters and fans	Jun-2018	Jul-2018	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to MP all personal fans and heaters were removed.
11	Electricity	Automated power lights in areas of less foot fall	Jun-2018	Jul-2018	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to MP lighting throughout the building was fitted with motion sensors.
12	Electricity	Lux reading blinds	Jun-2018	Jul-2018	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to MP the building was fitted with light and heat reactive blinds. They react to direct sunlight.
13	Electricity	LED lights installed	Jun-2018	Jul-2018	Completed	Miesian Plaza Baggot Street Dublin 2	MP fitted with LED lights throughout all areas.
14	Energy Management	Optimising Power @Work - continued	Jul-2019		Underway/Ongoing	Miesian Plaza Baggot Street Dublin 2	We continue to work with OP@W to encourage behavioural change with regard to energy usage, with the overall aim of identifying and eliminating energy wastage.
15	Energy Management	SEAI Training	Feb-2019		Underway/Ongoing	Miesian Plaza Baggot Street Dublin 2	We joined SEAI to help achieve Ireland's goal for energy to be sustainable, secure, affordable, and clean. To achieve this, Ireland must use less energy, move to clean energy, and innovate to create new solutions to meet our energy needs.

Energy Actions

Action No.	Energy topic area	Action	Start	End (actual/expected)	Status	Site name or address	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.)
16	Energy Awareness	Unplugged - Christmas 2020	Dec-2020	Dec-2020	Completed	Miesian Plaza Baggot Street Dublin 2	The event was to educate staff and also ensure for safety by unplugging chargers etc.
17	Energy Management	Green Team training	Apr-2021		Planned	Miesian Plaza Baggot Street Dublin 2	Further staff are due to be trained with GreenTeams.ie
18	Energy Management	CHP Flue failed causing the CHP to be locked out.	Mar-2020		Underway/Ongoing	Miesian Plaza Baggot Street Dublin 2	Due to the Flue failure in March 2020 our CHP has been locked out and inoperable as per the landlords instructions. We are awaiting a report from the landlord on the implications of the CHP being locked out.

Water Actions

Action No.	Water topic area	Action	Start	End (actual/ expected)	Status	Site name or address	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.)
Example	Water Tracking	Implement smart water meter	Jan-2019	Jun-2019	Completed	Site Address (X, Y, Z Co. Cork)	Automated and remote water consumption reading
1	Water Conservation	Rain water tank	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to MP a RWH system was put in place, this tank feeds our toilets and urinals throughout the building.
2	Water Conservation	Low water flower beds	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	The flower beds outside the building have been planted with low water flowers and also placed so they will receive optimum watering when it rained.
3	Water Conservation	Tap aerators installed	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	All taps throughout the building have been fitted with aerators.
4	Water Conservation	low flow rainfall shower heads	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	All showers fitted with low flow rainfall shower heads to use less water per minute.
5	Water Conservation	Rain water feeds all toilets and urinals	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to MP a RWH system was put in place, this tank feeds our toilets and urinals throughout the building.
6	Water Conservation	Toilets and urinals installed with low flow flush	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	All toilets fitted with flow flush volume.
7	Water Conservation	All taps with sensors	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	All taps fitted with sensors to help with water conservation.
8	Water Conservation	All flush mechanisms fitted with sensors	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	All Flush mechanisms fitted with sensors and programmed with low flush volume.
9	Other Area	Grease traps fitted to all sinks in kitchen and canteen	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	Grease traps fitted throughout the kitchen to prevent grease contaminating the grey water.
10	Sustainable Water	Dry mops	Oct-20		Underway/O	Miesian Plaza Baggot Street Dublin 2	Our cleaning operatives are all using dry mops to reduce on water usage.
11	Sustainable Water	Water coolers use reused bottles	Oct-20		Underway/O	Miesian Plaza Baggot Street Dublin 2	When changing providers we stipulated that all bottles are to be collected and refused.
12	Water Tracking	Water stewards appointed	May-21		Planned	Miesian Plaza Baggot Street Dublin 2	Staff are to be trained on how to lower water consumption and reduce operating costs while protecting the environment.
13	Sustainable Water	Miesian Plaza's water consumption is monitored by the Management company of all three buildings.	Feb-20		Underway/O	Miesian Plaza Baggot Street Dublin 2	Due to a change of management companies we have been unable to retrieve an accurate water consumption for 2019 and 2020. We have been able to pull a total consumption for the entire building since our BMS was put in place. And have entered an average for the year.
14							

Waste Actions

Action No.	Waste topic area	Action	Start	End (actual/expected)	Status	Site name or address	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.)
Example	Single Use / S	Eliminate single-use coffee cups	Nov-2018	Mar-2019	Completed	Department HQ (X, Y, Z Co. Dublin)	Save the purchase of 1000 coffee cups annually
1	Single Use / S	Eliminate single-use coffee cups	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	We eliminated single use coffee cups throughout the building and encourage the canteen company to use biodegradable cups. Staff are also encouraged to use their reusable cups.
2	Single Use / S	Eliminate single-use water cups	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Water bottles have been issued to and single use cups No longer supplied.
3	Single Use / S	Eliminate Plastic cutlery	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Single use cutlery is no longer supplied.
4	Waste Mana	Eliminate individual desk bins	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to Miesian Plaza we removed all bins from desks. The has saved over 500 bin bags a day.
5	Paper Use &	Eliminate individual printers	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to Miesian Plaza we removed all individual printers. This has reduced the amount of printers onsite from excess of 300 to 18. In 2017, the average cost of print consumables per month was €17,000. we now have an average spend of €8000, the savings made are a considerable amount.
6	Food Waste	Introduced Colour coded bins	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Colour coded bins are in place building wide, With one for Landfill Waste, Recycling, Compostable, Glass and PPE. This has reduced cross contamination leading to higher amounts of recycling.
7	Paper Use &	Introduced localised collection points for recycling	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Localised collection points for recycling are in place building wide, with one for Landfill Printing, Recycling, compostable, Glass and PPE. This has reduced cross contamination in our bins, leading to higher amounts of recycling.
8	Hazardous W	Introduced localised collection points for batteries	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	We have two print rooms per floor, in this room we have a collection point for batteries.
9	Paper Use &	Introduced localised collection points for shredding	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	We have two print rooms per floor, in this room we have a collection point for secure shredding, shredding machines and a used paper collection point.
10	Food Waste	Encourage catering company to reduce food waste	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	The catering company is encouraged to reduce food waste by using smaller portions and updating menu's with reusable meals.
11	Prepare for r	All staff issued with Reusable cups 2018	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Staff were issued with Reusable cups 2018 on the move to Miesian Plaza. To encourage a reduce, reuse, recycle ethos.
12	Waste Mana	All staff issued with Reusable water bottles 2018	Jun-2018	Jul-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Staff were issued with Reusable bottles 2018 on the move to Miesian Plaza. To encourage a reduce, reuse, recycle ethos.
13	Waste Mana	Clean Desk day 2019	Aug-2019	Sep-2019	Completed	Miesian Plaza Baggot Street Dublin 2	Clean Desk day 2019 is a building wide incentive, to reduce clutter and generate a healthy habit of reusing, reducing and recycling.

Waste Actions

Action No.	Waste topic area	Action	Start	End (actual/expected)	Status	Site name or address	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.)
14	Prepare for r	Clean Desk day 2020	Jan-2020	Feb-2020	Completed	Miesian Plaza Baggot Street Dublin 2	Clean Desk day 2020 is a building wide incentive, to reduce clutter and generate a healthy habit of reusing, reducing and recycling.
15	Prepare for r	Reusable cups with lids issued to all staff 2021	Mar-2021		Underway/O	Miesian Plaza Baggot Street Dublin 2	With new Staff joining and staff leaving we decided to issue staff with Reusable cups again. This will encourage a reduce, reuse, recycle ethos.
16	Paper Use &	Contact tracing forms. This is a large part of our current secure shredding waste.	Jul-2020	Aug-2020	Completed	Miesian Plaza Baggot Street Dublin 2	Contact tracing forms were collected from points of entry around the country, processed at Dublin airport then brought to Miesian Plaza for storage and destruction. They were collected 3 times a week in July and August 2020. Once the National Archive issued a certificate of destruction, arrangements were made for the forms to be destroyed. This was effectively a once off- forms have not been brought to DOH for shredding since 26 August and none are expected in future.

Other Actions

Action No.	Other actions topic area	Action	Start	End (actual/expected)	Status	Site name or address	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.)
Example	Green Procurement	Use ecolabel printing paper	Jan-19		Underway/Ongoing	Site Address (X, Y, Z Co. Cork)	Printed using low environmental impact paper
1	Biodiversity	Sedum roof	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	With the move to MP a sedum room was put in place, this covers open area of the roof top of the building. This encourages a bee friendly environment and sedum plants on green roofs can capture airborne pollutants and capture CO2. The temperature moderating effects of green roofs can reduce demand on power plants, and potentially decrease the amount of CO2 and other polluting by-products being released into the air.
2	Biodiversity	Biodiverse flower beds	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	The flower beds outside the building have been planted with biodiverse flowers.
3	Environmental Man	Low water flowers	Jun-18	Jun-19	Completed	Miesian Plaza Baggot Street Dublin 2	The flower beds outside the building have been planted with low water flowers and also placed so they will receive optimum watering when it rained.
4	Environmental Man	Green Procurement Training	Nov-20		Underway/Ongoing	Miesian Plaza Baggot Street Dublin 2	Staff are being trained in Green Public Procurement, this offers public bodies the means to lead sustainable development in their sector, educating suppliers to reduce the environmental impacts across their product and service life cycles; developing the circular economy.
5	Environmental Man	Green Procurement regarding tenders	Nov-20		Underway/Ongoing	Miesian Plaza Baggot Street Dublin 2	Staff are encouraged to keep Green Procurement at the forefront of their plans when undertaking any tenders.
6	Biodiversity	Pollinator Plan	Mar-21		Planned	Miesian Plaza Baggot Street Dublin 2	We will be taking part in the Pollinator Plan 2021-2025
7	Biodiversity	Grow it forward	Mar-21		Underway/Ongoing	Miesian Plaza Baggot Street Dublin 2	Staff awareness campaign has been circulated to take part in the https://giy.ie/campaigns/grow-it-forward/
8	Environmental & Cli	Earth Day seeds	Mar-21		Planned	Miesian Plaza Baggot Street Dublin 2	Staff to be issued with seeds for Earth day. Along with an information campaign on Biodiversity
9	Environmental Man	Miesian Plaza	Mar-20	Mar-21	Underway/Ongoing	Miesian Plaza Baggot Street Dublin 2	Miesian Plaza is designed in such a way that the building works at the same capacity regardless of how many staff we have on site.