

Environment/Climate Action/Emergency Services/Rural Broadband



MANAGEMENT REPORT OF THE CHIEF EXECUTIVE TO: WESTERN COMMITTEE – FEBRUARY 2023 ENVIRONMENT/CLIMATE ACTION/EMERGENCY SERVICES/RURAL BROADBAND

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LOUIS DUFFY
DIRECTOR OF SERVICE
DATE: FEBRUARY 2023

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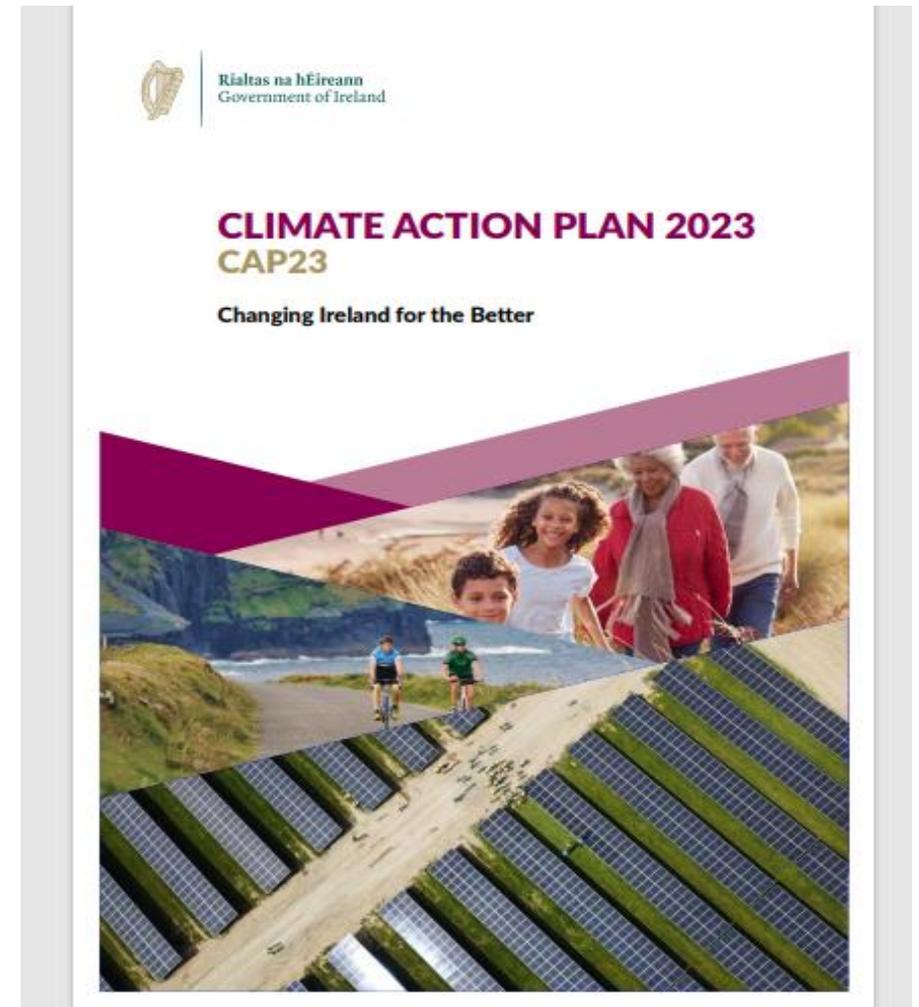
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1. Part 1 News & Updates

1.1 National Climate Action Plan 2023 (CAP 23)

The government published CAP 23 on the 21st December last. Some key elements as follows:

- Increased role for Local Government in Citizen Engagement.
- A Just Transition Commission.
- Unprecedented investment in climate action over the next decade.
- Enhanced analytical capacity is being developed by the DPER.
- Ambitious renewable energy targets -9 GW from onshore wind, 8 GW from solar, and at least 5 GW of offshore wind energy by 2030.
- IDA Ireland, Enterprise Ireland and the Sustainable Energy Authority of Ireland will work to help decarbonise industry and align grants and other supports with emissions reductions.
- Acknowledgement of need to work out ways to assist broader society with the costs of retrofitting.
- Fleet electrification and use of biofuels will continue to provide the greatest share of emissions abatement.
- Guided by the Food Vision 2030 Strategy, Farmers and food producers to prioritise environmental, social, and economic sustainability.
- The Land Use Review will inform the sector's sectoral emission ceiling.
- Reduce food waste by 50%
- Ensure that all plastic packaging is reusable or recyclable by 2030.



PUBLIC SECTOR

The public sector will play a leadership role in driving far-reaching climate action across its buildings, transport, waste, and energy usage, as well as wider society. This will include reducing emissions by 51% by 2030 and increasing the improvement in energy efficiency in the public sector from the 33% target in 2020 to 50% by 2030, as well as increasing climate literacy in the public sector, implementing green public procurement and retrofitting public sector buildings.

GOVERNANCE

The actions to deliver on our ambition and decarbonise our economy will be supported by a robust governance structure that now includes Ireland's first carbon budget programme and sectoral emission ceilings. The Climate Action Delivery Board will have an enhanced role in relation to delivery, including providing recommendations for overcoming barriers, while taskforces will be established to focus on key specific areas or initiatives of climate delivery that require cross-Government collaboration. In addition to this, an annual climate action planning and reporting cycle will be introduced.

The Environmental Protection Agency and the Climate Change Advisory Council reports will continue to inform the monitoring of Ireland's climate action performance on a sectoral level. The Government will annually update the new Climate Action Plan and the roadmap of actions to reflect developments in the previous year, developments in technology and research in relation to climate action, and to ensure the required emissions reductions are achieved.

(01_2023_S)

1.2 Climate Action Regional Office (CARO) Update

- **LA Climate Action Plans (LACAP)** – signing of ministerial order requiring LAs to commence process of drafting Climate Action Plans is likely to occur on or before 7th March 2023.
- Latest CARO **Draft Guidance document on preparation of Local Authority Climate Action Plans (LACAP)** now also covers the question of Decarbonization Zones (such as Macroom) and how they can be progressed.
- **CARO - Guidance for the Climate Adaptation of Regional & Local Roads:** CCMA CATCEN committee meeting 12th December, agreed the following strategy / projects were:
 - **Phase 2 Strategy Document**
 - **Phase 3 – Scoping Report on Carbon Management & Green Public Procurement**
- **Coastal Erosion Guidance Document** – final report of working group approved by CCMA - CARO is currently engaging with DHLGH re funding to draft a guidance document.
- **CARO - Energy Manual for LA Municipal Buildings** - An Energy Manual to assist Local Authorities in managing various building types is at an advanced stage and is currently being reviewed and finalised by CARO.

(02_2023_W)

1.3 Waste Regulation

1.3.1 Single Use Plastics Directive (SUPs).

There are several Regulations due for publication in the coming months to cover the levy on single use coffee cups, fishing nets etc. The respective roles and responsibilities of Local Authorities and Environmental Protection Agency remain to be confirmed.

1.3.2 Minister Allows limited extension for Burning of Green agricultural Waste

The long standing derogation under Waste Management Regulations, which allowed farmers to dispose of green agricultural waste by burning has been **extended by the Minister until 1st March 2023. The derogation will then be reopened for a final three-month period from 1 September 2023 to 30 November 2023.** Department of Environment Climate & Communications (DECC) have indicated that this will be the final extension of the derogation. see [gov.ie - Final Regulations signed on burning of agricultural green waste \(www.gov.ie\)](https://www.gov.ie/en/news/2023/08/gov-ie-final-regulations-signed-on-burning-of-agricultural-green-waste/)

This time limited extension of the derogation was made in context of a recent study, commissioned by the Department of Agriculture, Food and the Marine (DAFM), to examine alternatives to the burning of agricultural green waste. Officials from both DECC and DAFM will now work to examine the range of measures to ensure that the appropriate communication, awareness-raising and knowledge transfer measures are in place – to support the agricultural sector in making a successful orderly transition to alternative sustainable management practices. A copy of the report is available at [Here](#).

1.3.3 Deposit Return Scheme (DRS) for plastic bottles and aluminium cans.

Minister of State with responsibility for Communications and Circular Economy, Ossian Smyth, launched Ireland's national Deposit Return Scheme (DRS) on the 28th of November last. The Scheme will include PET plastic bottles and aluminium and steel cans between 150ml and 3 litres. A deposit of 15c will apply to containers 500mls or less and a deposit of 25c for each container above 500ml. The Scheme will be operated by Deposit Return Scheme Ireland CLG, trading as **Re-turn**. All producers and retailers are legally obliged to register with Re-turn. Registration of producers and retailers will be the key focus for 2023 with registration now open at www.re-turn.ie. The planned 'go-live' date for consumers in February 2024.

For more information on the scheme go to deposit-return-scheme/



(source Waste Enforcement Regional Lead Authority – WERLA) (01_2023_S)

1.4 Amendment to EU Good Agricultural Practice for Protection of Waters Regulations.

On 20th December last the Minister published amendments to the European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022, also known as the Nitrates Regulations.

The purpose of the amended regulations is to give effect to changes made under the Common Agricultural Policy Strategic Plan in following areas;

- width of buffers strips has been increased, (i.e the distance from waters where which fertiliser can be spread, and where lands can be cultivated),
- changes to facilitate the processing and sharing of data to enable calculation of the livestock excretion rate bands for dairy farms, (the higher the milk yield/cow the higher the excretion rate/cow), which will impact on maximum stocking rates on dairy farms,
- reducing the storage height of silage bales outside of farmyards, (no more than 2 bales high to minimise effluent loss),
- to provide for an earlier reporting date for the Environmental Protection Agency Nitrates Action Programme (NAP) Review to ensure that there is sufficient time to inform development of the next NAP, (changed from 30th June 2025 to 1st October 2024)

In addition, other articles have been amended to provide clarification, and three definitions on poaching, grassland stocking rate, and dairy cow, have also been added.

The amended regulations can be viewed at [EUROPEAN UNION \(GOOD AGRICULTURAL PRACTICE FOR PROTECTION OF WATERS\) \(AMENDMENT\)\(No. 2\) REGULATIONS 2022, S.I. No. 716 of 2022](#)



1.5 Community Environmental Awareness Programmes

1.5.1 Launch of School Climate Literacy Course

Cork County Council has teamed up with social enterprise **Education for Sustainability** to deliver a 10-week climate literacy course to eight secondary schools in the county. The weekly interactive course sessions are fun, and solution focused, encouraging students to learn through game-based activities. The Climate Literacy programme encourages students to connect the dots between the environment and their everyday lives by providing workshops, teacher training, teaching resources and lesson plans. Topics covered include climate change, sustainable development, climate justice, plastic pollution, fast fashion, biodiversity loss, sustainable transport, food, soil and taking action.

The participating schools are;

- Bandon Grammar,
- Carrigaline Community School,
- CBS Middleton,
- Edmund Rice College Carrigaline,
- Scoil Mhuire Béal Átha'n Ghaorthaidh,
- St Mary's Charleville,
- St Mary's Middleton
- Kinsale Community School.



Mayor of the County of Cork, Cllr. Danny Collins launching the Climate Literacy Programme with students from Kinsale Community College

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1.5.2 Composting for Schools Programme

Ten schools in Cork County, both primary and secondary, have been selected to participate in a **Composting for Schools programme** delivered by Composting Ireland and funded by Cork County Council. The programme will be delivered in a hybrid model with in-person and online workshops. The aim of the programme is to help schools set up, start or improve composting to reduce waste, save money and combat climate change.

As part of the programme the schools will receive in person or online workshops for both students and teachers; access to a variety of fun, participatory and interactive activities for school children to learn about composting and gardening; access to an online forum for discussions with other teachers or school staff and funding to purchase composting equipment. There was a high demand for the course with the 10 available places being offered on a first come first served basis to the following schools:

1. Scoil Fhiachna, Glengarrif
2. Ballymoney NS, Ballineen
3. Scoil Phádraig Naofa, Bandon
4. Gaelscoil Charraig Ui Leighin, Carrigaline
5. Scoil Mhuire Naofa, Carrigtowhill
6. Kilcolman NS
7. Scoil an Athar Tadhg, Carrignavar
8. Timoleague NS
9. Bweeng NS
10. Kilcorney NS

For more information visit [Schools - Composting Ireland](#)



1.5.3 Fast Fashion Workshops for Post Primary Schools

In November, Post Primary Schools were invited to participate in Fast Fashion Workshops delivered by Circular Fashion Ireland and fully funded by Cork County Council's Environmental Awareness Office. To date 7 schools have participated in workshops, 2 schools are scheduled for January and one remaining space will be advertised to all schools across the county to close out the 10 committed workshops.

The workshops are available to all classes, 1st year through to 6th year and are 90 mins in duration to include Q&A. Some of the topics covered include:

- What is fast fashion?
- Environmental impacts of fashion & textiles industry
- Sustainable fashion
- Circular economy and fashion
- Reuse & Repair

List of schools that have registered:

1. Kinsale Community School
2. Patrician Academy
3. Boherbue CS
4. Midleton College
5. Edmund Rice Carrigaline
6. Schull CS
7. Gaelcholáiste Charraig Uí Leighin
8. Carignafof CC
9. Bantry Youth Reach Cork ETB

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Topics to include:

- What is Fast Fashion?
- Environmental Impacts of Fashion & Textiles Industry
- Activity: Clothing landfill Lifespan
- Sustainable Fashion
- Circular Economy and Fashion
- SDG'S
- Reuse & Fashion
- Repair & Fashion
- What can you do to be sustainable?
- How to avoid greenwashing
- Documentary, Podcast and Book Recommendations
- Workshop call to action

1.6 National Broadband Plan (NBP)

1.6.1 Fibre Roll-out (BCPs)

NBI rely on their parent website at <https://nbi.ie/> to provide information on the National Broadband Contract. Websites <https://nbi.ie/where-are-we-working/> and <https://nbi.ie/nbp-project-progress/> provides greater detail on the roll-out progress to premises across the Intervention Areas.

The Department of the Environment, Climate and Communications update on the delivery of the National Broadband Plan - January 2023 can be accessed at <https://www.gov.ie/en/press-release/15384-update-on-the-delivery-of-the-national-broadband-plan-january-2023/> and the 2 slides below captures some of the update details.



2022 Programme Highlights

Key Achievements

Over **27,600 premises** across the country were connected to high-speed broadband under the National Broadband Plan (NBP) by the end of last year.

Additionally, **National Broadband Ireland (NBI) has already achieved its target to pass in excess of 100,000 premises** by the end of its third contract year (end of January 2023), having passed more than 109,000 premises by the end of 2022.

Throughout the year, Minister of State Ossian Smyth TD, the Department for Environment, Climate and Communications and NBI visited citizens, business and communities who were benefitting from the new high-speed network across the country – including in Kerry, Carlow, and at this year's National Ploughing Championships.

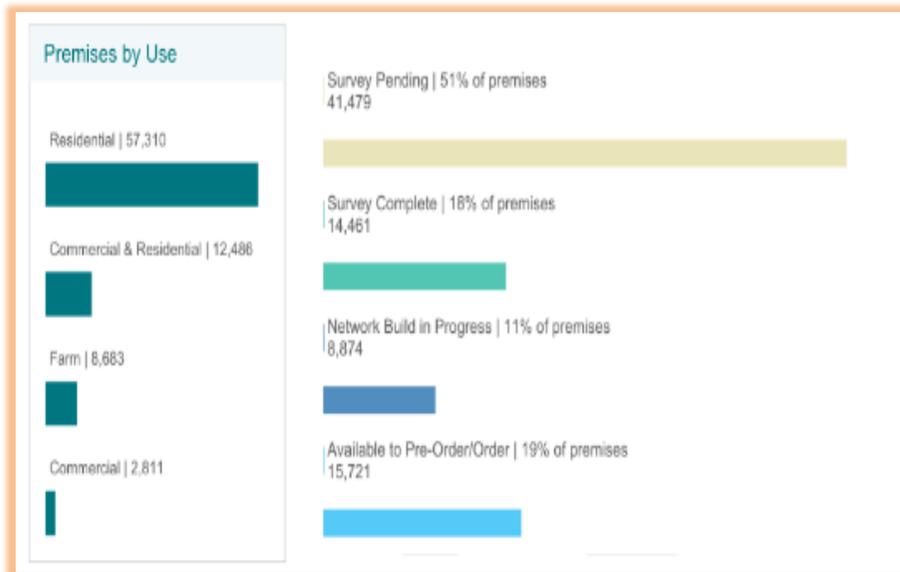
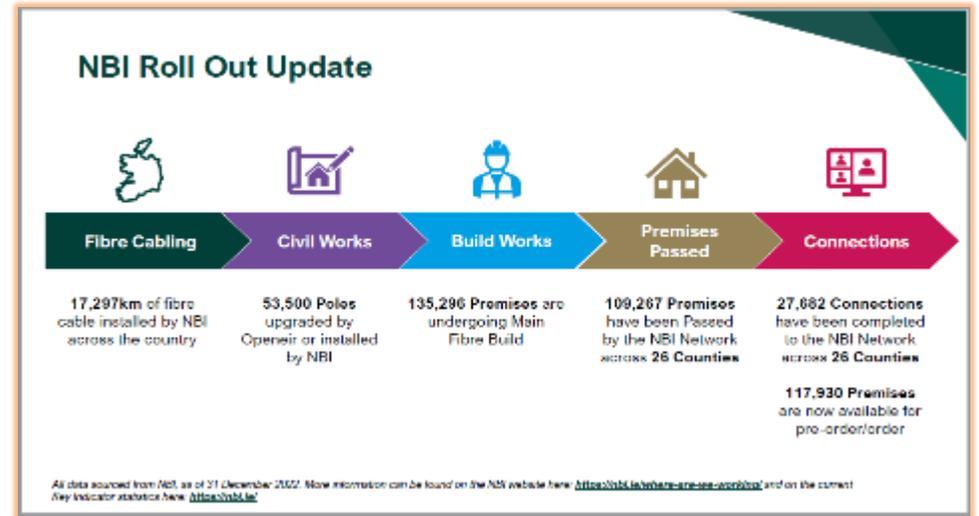
In 2022, the Department also published its [Benefits Report](#), highlighting the positive impact reliable broadband services have on equitable economic and social development in Ireland. The report also showed how Ireland is already a strong performer within the EU - with 58% of Irish households able to access a broadband speed of 1 Gigabit or more, compared to the EU27 average of 51%.



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Network build is substantially complete in Carrigaline, Midleton, Youghal DA's. Deployment is commencing in the Long Island & Hare Island DA's. Deployment in the Rathmore and Templemartin DA's is ongoing. Surveying works are complete at Kanturk, Clonakilty, Fermoy and Tallow DA's and on 3 of the islands. Approx. 81,000 premises across Cork County will ultimately benefit from access to high-speed broadband constructed under the National Broadband Contract and it is estimated 76,000 of these premises are in the Cork County areas.

An overview of planned NBI broadband roll-out activity across the county is captured from the <https://nbi.ie/where-are-we-working/> website and is presented below with some key statistics for the county of Cork.



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Website <https://nbi.ie/where-are-we-working/> can be hovered over to identify status of the individual DA's. An overview of the present status and the roll-out per Deployment Area is presented in the table below:

OII Name	Public Status Date	Survey Pending	Survey Complete	Network Build in Progress	Available to Pre-Order/Order	OII Name
		Physical surveys are required to examine the existing pole and duct network for inclusion in the design.	NBI's detailed design process covers infrastructure, power and footprint required, drawings, openair works, and Local Authority req...	After the designs have been approved, work can start on the ground. This includes everything from readying existing infrastructure to laying fibre.	Once the build is complete, an order can be placed with a broadband service provider who is registered to sell on the NBI™ network.	
*Additional Premises	March 2023 - April 2023	489				*Additional Premises
CARRIGALINE	October 2022 - November	8		166	5,497	CARRIGALINE
MIDLETON	October 2022 - November ..			167	8,119	MIDLETON
YOUGHAL	October 2022 - November ..			212	2,025	YOUGHAL
Long Island (CK)	May 2023 - July 2023		26			Long Island (CK)
Hare Island (CK)	June 2023 - August 2023		59			Hare Island (CK)
RATHMORE	July 2023 - September 2023			2,094		RATHMORE
TEMPLEMARTIN	January 2024 - June 2024			6,205		TEMPLEMARTIN
KANTURK	July 2024 - December 2024		3,876			KANTURK
LAURAGH	July 2024 - December 2024	402				LAURAGH
TALLOW	July 2024 - December 2024		849			TALLOW
CLONAKILTY	January 2025 - December ..		5,724			CLONAKILTY
Dursey Island (CK)	January 2025 - December ..		18			Dursey Island (CK)
FERMOY	January 2025 - December ..		3,836			FERMOY
Horse Island (CK)	January 2025 - December ..		7			Horse Island (CK)
ABBEEFEALE	January 2025 - December ..	45				ABBEEFEALE
BALLINGEARY	January 2025 - December ..	852				BALLINGEARY
BANTRY	January 2025 - December ..	3,787				BANTRY
Bere Island (CK)	January 2025 - December ..	240				Bere Island (CK)
Cape Clear/Sherkin Island (...)	January 2025 - December ..	124				Cape Clear/Sherkin Is...
CARRIGANIMMY	January 2025 - December ..	4,065				CARRIGANIMMY
CHARLEVILLE	January 2025 - December ..	2,247				CHARLEVILLE
DUNMANWAY	January 2025 - December ..	4,320				DUNMANWAY
EYERIES	January 2025 - December ..	1,488				EYERIES
GRENAGH	January 2025 - December ..	6,382				GRENAGH
KILCROHANE	January 2025 - December ..	465				KILCROHANE
KILLAVULLEN	January 2025 - December ..	3,219				KILLAVULLEN
KINSALE	January 2025 - December ..	3,562				KINSALE
MEELIN	January 2025 - December ..	2,040				MEELIN
MITCHELSTOWN	January 2025 - December ..	1,816				MITCHELSTOWN
SCHULL	January 2025 - December ..	2,294				SCHULL
SKIBBEREEN	January 2025 - December ..	3,638				SKIBBEREEN

NBI continue to operate a dedicated e-mail service at reps@nbi.ie for Elected Representative queries and news items are published at <https://nbi.ie/news/updates/>. NBI advise of issuing news items direct to relevant Elected Representatives

1.6.2 Broadband Connection Points

A total of 25 BCP's are now completed across the county and are operational. Remote working is being accommodated at a number of BCP's. Usage of BCP's across the county approximates to 330 users per month.

The Council continues to support the Broadband Connection Points (BCPs) initiative and is co-funding the monthly broadband retail service costs at BCP's. Many of the BCP's availed of Town and Village funding support to purchase furniture and fittings to enhance remote working opportunities.

Grants under the €5 million Government Grant Connected Hubs Call 2022 scheme, totalling in excess of €110K, were received by Laharn, Bere Island and Castlelyons BCP's to add additional remote working infrastructure at the Broadband Connection Points (BCPs). These works were completed before end of 2022.

On 15th April, Minister Humphreys announced a €15M Community Centre Investment Fund to support community groups with the upgrade and development of their Community Centre facilities which may have become aged and dilapidated over time. Further info on the fund can be viewed at <https://www.gov.ie/en/service/fec91-community-centres-investment-fund/>. There was considerable interest in these grants and the successful recipients of funding are now announced.

Across Cork City and County community groups will benefit to amounts of almost €4.7M for upgrade of their community centres. Community Centres across the county hosting BCP sites will benefit to amounts of €320K.

Aubane Community School	€16,000.00
Bere Island Old School Heritage Complex	€25,000.00
Castlelyons Community Centre	€22,628.25
Courtbrack Community Association	€16,033.86
Diarmuid O'Mathuna GAA club	€16,117.00
Dromina Community Council Ltd	€23,406.27
Whitechurch & Waterloo Community Association Company	€100,000.00
Riverstick Community Association	€100,916.73

The list of BCP's is categorized by MD as set out below:

- Bandon-Kinsale MD
 - Clogagh Community Hall and Riverstick Community Centre
- Cobh MD
 - Whitechurch Community Centre
- Fermoy MD
 - Ballindangan Community Centre, T.O Park Community & Sports Centre, Castlelyons Community Centre and The Old Mill, Castletownroche
- Kanturk-Mallow MD
 - Glash School Community Centre, Laharn Heritage Centre and The Old Schoolhouse, Dromina
- Macroom MD
 - Aghabullogue Community Centre, Aubane Community Centre, Ballydaly Community Hall, Courtbrack Community Centre and Ionadh Áise, Renaniree
- East Cork MD
 - Inch Community Centre
- West Cork MD
 - Bere Island Heritage Centre, Castletownkenneigh Community Centre, Clonakilty ETB, Coláiste Phobal Cléire, Lisavaired Community Centre, Mealagh Valley Community Centre and Sherkin Island Community Hall, Caheragh Community Centre and Glengarriff Community Centre.

1.6.3 WiFi4EU Project

Under the WiFi4EU initiative, the European Commission wishes to promote free Wi-Fi connectivity for citizens and visitors in public spaces such as parks, squares, public building, libraries, health centres, and museums across Europe through the installation of state-of-the-art Wi-Fi equipment in the centres of community life.

County Council secured 4 vouchers under the WiFi4EU award procedures and each of these vouchers supports EU funded infrastructural investment. There is an additional commitment from the Irish Government to match fund the EU investment. Accordingly, the combined EU and Irish Government grant associated with the WiFi4EU scheme is up to a maximum of €120,000.

Cork County Council appointed Paradyn to undertake installation of access points across the county. Installation works are progressing, and access point installations are complete in Cobh, Middleton, Camden, Youghal, Dunmanway, Carrigaline and Kanturk. Draw down of funding associated with completed works has commenced and remaining installations are due to be complete in first quarter of 2023.

(02_2023_W)

1.7 Fire & Building Control

1.7.1 Community Smoke Alarm Scheme for Elderly Vulnerable /Residents

Cork County Fire Department, in conjunction with the National Directorate for Fire and Emergency Management (NDFEM), provides community groups with 10-year battery operated smoke alarms for distribution and installation within elderly and vulnerable resident's dwellings.

Interested community groups can contact the Fire Service, following assessment of applications a member of the fire service will then be in contact with the group to arrange delivery of smoke alarms.

Further information can be requested from Cork County Fire Service at fireinfo@corkcoco.ie

1.7.2 Building Regulations (Part M Amendment) Regulations 2022

Revised Building Regulations (Part M Amendment) 2022, (SI No 608 of 2022) were signed on 29 November by the Minister of State with responsibility for Local Government. These revised Regulations make provision for a changing places toilet in certain buildings. The corresponding Technical Guidance Document M- Access and Use has also been updated, this document outlines how compliance with the updated requirements can be achieved.

Changing places toilets offer larger supported sanitary facilities that address the needs of people for whom current accessible sanitary facilities are inadequate.

The key objectives of the amendments are as follows:

- To increase the provision of changing places toilets in certain new buildings, subject to their size and use,
- To ensure adequate standards of accessibility and usability in changing places toilets, • To improve the accessibility and usability of existing building stock by making provision for a changing places toilet, where there is a significant extension or material change of use, subject to the building size and use,
- To support and complement the aims of the Equality Act 2004, the Disability Act 2005, and the UN Convention on the Rights of Persons with Disabilities.
- To further the achievement of UN Sustainable Development Goals by reducing inequality and promoting an inclusive society.
- To support and underpin the philosophy of Universal Design. The new Regulation will enhance the needs of an important segment of our society by the regulatory provision of this sanitary facility in certain buildings and spaces and will greatly improve community participation and social inclusion.

A copy of the Regulations is available at the following website:

<https://www.irishstatutebook.ie/eli/2022/si/608/made/en/print#:~:text=These%20Regulations%20amend%20Part%20M,a%20'changing%20places%20toilet>

The Technical Guidance Document can be accessed at the following link:

<https://www.gov.ie/en/publication/78e67-technical-guidance-document-m-access-and-use/#current-edition>

1.7.3 Public Consultation on the Review of Part B (Fire Safety) of the Building Regulations

A public consultation inviting submissions, observations, and comments on a proposed amendment to the Building Regulations Part B (Fire Safety) for buildings other than dwelling houses was launched on 20th January 2023 by the Minister for Housing, Local Government and Heritage, Darragh O'Brien, TD.

A review of Technical Guidance Document B is required due to:

- changes in the design and construction of buildings, with taller and larger, more complex layouts
- the use of new and innovative building systems and materials
- changes in the provision of heating, ventilation, and access for the health and safety of occupants
- improvements in energy performance.

In addition, Housing for All includes the review of the building regulations as a key action (action 25.6) to drive compliance and standards through regulatory reform (policy objective 25). Under the building regulations, fire safety is dealt with under Part B of the second schedule and the associated Technical Guidance Document B (TGD B).

The review has also taken into account:

- common and emerging building trends
- developments and events from a global perspective
- matters relating to external fire spread
- external fire resistance
- internal fire resistance
- cladding systems
- sprinklers
- the review into the Grenfell fire.

The public consultation will run for 3 months. The Public Consultation can be found at:

<https://www.gov.ie/en/consultation/1ed7c-public-consultation-on-the-review-of-part-b-fire-safety-of-the-building-regulations/>

<https://www.gov.ie/ga/comhairliuchan/comhairliuchan-poibli-ar-an-athbhreithniu-ar-chuid-b-sabhailteacht-doiteain-de-na-rialachain-foirgniochta/>

1.7.4 Establishment of Defects Scheme for Apartments and Duplexes.

On January 18th, The Minister for Housing, Local Government and Heritage, Darragh O’Brien, received government approval to draft legislation to support the remediation of apartments and duplexes with fire safety, structural safety, and water ingress defects, constructed between 1991 and 2013. The legislation will provide a statutory basis for the establishment of a remediation scheme aimed at protecting the safety and welfare of those living in apartments or duplexes with such defects that occurred during construction.

A ‘whole building’ approach will be taken, ensuring common areas and shared spaces are also remediated where required to the relevant standard. It’s envisaged that the Housing Agency will play a central role in the administration of the scheme and that Owners’ Management Companies will be funded to carry out the necessary remediation works, with specific limitations or exemptions on certain commercial owners.

To ensure that important life-safety works are not paused, the government also decided that remediation works related to fire safety defects, entered into or commenced from 18th January, will form part of the remediation scheme, subject to terms and conditions. Such works will need to be agreed with local authority Fire Services and the details of this process will be worked out as a priority and provided in due course. Government have approved the principle of allowing remediation costs already incurred or levied to be covered under the legacy defects scheme, within the scope and defined parameters of said scheme.

The scale of defects in apartments and duplexes is significant. The Working Group to Examine Defects in Housing that reported to Minister O’Brien in July 2022, estimated that between 50% and 80% of apartments and duplexes (or associated common areas) constructed between 1991 and 2013, may be affected by one or more fire safety, structural safety or water ingress defects. This equates to between 62,500 and 100,000 apartments/duplexes. The average cost of remediation is approximately €25,000 per unit, which means the scheme could have a potential cost to the Exchequer of between €1.5 billion and €2.5 billion.

Only defects that are attributable to defective design, defective or faulty workmanship, defective materials (or any combination of these) and were in contravention of the relevant Parts of the Building Regulations applicable at the time of construction will be eligible for inclusion in the scheme. Any defects that originate from inadequate maintenance, poor management etc., will not be included within the scope of the scheme.

It is intended that a whole building approach will be taken to remediate relevant defects and to improve the safety of all occupants in the building. In light of the existing legal responsibilities and ownership of common areas, it is intended that Owners’ Management Companies will be funded to carry out the necessary remediation works, with specific limitations or exemptions on certain commercial owners.

The Department of Housing, Local Government and Heritage is considering the policy options around the establishment of an independent Building Standards Regulator. The Minister's objective is to ensure that an independent Building Standards Regulator has sufficient breadth of scope, effective powers of inspection and enforcement and an appropriate suite of sanctions to apply when non-compliance arises in respect of buildings. Housing for All, the government's housing plan, committed to: "Examine the merits of the creation of an independent Building Standards Regulator to oversee building control nationwide and to act as custodian of the Building Control Management System".

In addition, the department has established an advisory group to develop a Code of Practice with guidance for relevant professionals on fire safety and buildings, including guidance on interim safety measures.

(02-2023-W)

1.7.5 Emergency Management

A test of the Kinsale Harbour Oil / HNS Spill Contingency Plan took place in the Council Chambers and Crisis Management Team Room in County Hall on 28th November 2022. The exercise simulated a Tier 2 type oil spill incident, where a cargo ship ran aground in Kinsale harbour with significant quantities of heavy fuel oil & other products onboard. The exercise was led by the County Pollution Officer on behalf of the County Engineer and was well attended by internal and external stakeholders. The Oil Spill Management Team was supported by an Information Management Team made up of members of the Fire Service on the day.



Environment/Climate Action/Emergency Services/Rural Broadband

In response to weather alerts issued by Met Éireann, Cork County Council's Severe Weather Assessment Team (SWAT), chaired by the Director of Services Roads and Transportation, convened on five occasions via MS Teams in Q4 of 2022 for the weather events listed below. The National Emergency Coordination Group (NECG) convened on a daily basis between 11th Dec & 14th Dec 2022 to monitor and advise on the national Orange weather alerts issued by Met Éireann.

Date	Response	Met Éireann Alert	Detail
18 Oct 2022	SWAT	Orange	Intense rainfall, potential flooding
31 Oct 2022	SWAT	Orange	Intense rainfall, potential flooding
11 Dec 2022	NECG	Orange	Low temperatures and ice
11 Dec 2022	SWAT	Orange	Low temperatures and ice
12 Dec 2022	NECG	Orange	Low temperatures and ice
12 Dec 2022	SWAT	Orange	Low temperatures and ice
13 Dec 2022	NECG	Orange	Low temperatures and ice
14 Dec 2022	NECG	Orange	Low temperatures and ice
14 Dec 2022	SWAT	Orange	Low temperatures and ice



The Oil Spill Management team (OSMT), chaired by the County Pollution Officer on behalf of the County Engineer, convened on five occasions via MS Teams between 21st October and 1st November 2022, in response to the sinking of a fishing vessel in Crookhaven Harbour on 21st October 2022. The OSMT managed Cork County Council's shoreline response until the salvage operation was complete and the incident closed.

(01_2023_S)

1.8 Cork County Civil Defence honoured for Covid work

The Minister for Defence and Foreign Affairs, Simon Coveney T.D. honoured Civil Defence volunteers for their work during the COVID-19 pandemic at a ceremony in Croke Park on 29th November last.

A representative group from Cork West Civil Defence and Cork Northeast attended the ceremony and received their medals. All other medals will be presented locally in the New Year.



West Cork Civil Defence at Ceremony in Croke Park

(02_2023_W)

2. Part 2 Work Programme Reports for Q3 2022

(DATA IS UP TO THE END OF Q2 UNLESS OTHERWISE STATED)

2.1 Fire & Building Control

2.1.1 Fire Operations for Q4.

Fire Operations	
Total number of turnouts to fires	251
Average of turnout times	291.40secs
Average of response times	883.38secs
% of calls with a response time of less than 10 minutes	36.92%
% of calls with a response time of between 10 and 20 minutes	43.59%
% of calls with a response time greater than 20 minutes	19.49%
Total number of turnouts to non-fire emergencies	325
Average of turnout times	286.86secs
Average of response times	888.12secs
% of calls with a response time of less than 10 minutes	28.67%
% of calls with a response time of less than 20 minutes	51.05%
% of calls with a response time greater than 20 minutes	20.28%

2.1.2 Fire Prevention

Fire and Building Control Statistics Q4-2022

Fire Prevention

Fire Safety Certificates (FSC)

The following statistics relate to the number of Fire Safety Certificate applications received and the number of Fire Safety Certificate applications granted on a month-by-month basis during the period covered by this report. *(FSC received includes invalid applications. Decisions does not include invalidation)*

Month	No. Fire Certificates received	No. Fire Certificates decided
October 2022	22	31
November 2022	28	32
December 2022	27	20
Total	77	83

Building Control

Commencement Notices and 7 Day Notices

The following statistics relate to the number of valid Commencement Notices (CN) & 7 Day Notices (7DN) submissions received on a month by month basis during the period covered by this report.

Month	No. of Buildings covered by Valid Notices (CN + 7DN)	No. of Notices made valid (CN + 7DN)
October 2022	177	88
November 2022	187	86
December 2022	158	55
Total	505	229

NB : the difference between the number of Notices and buildings is mostly accounted for by housing estates.

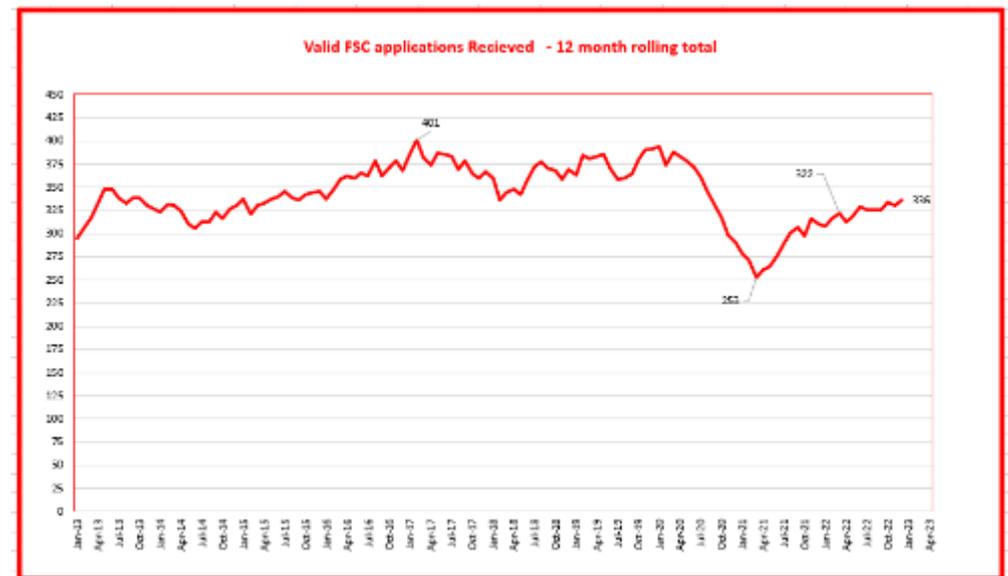
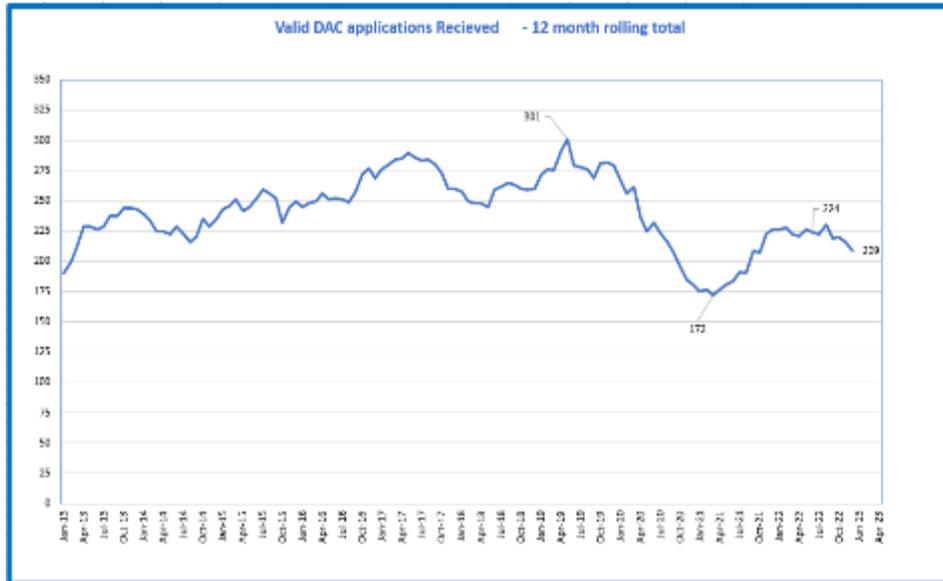
Environment/Climate Action/Emergency Services/Rural Broadband

Disability Access Certificates (DAC)

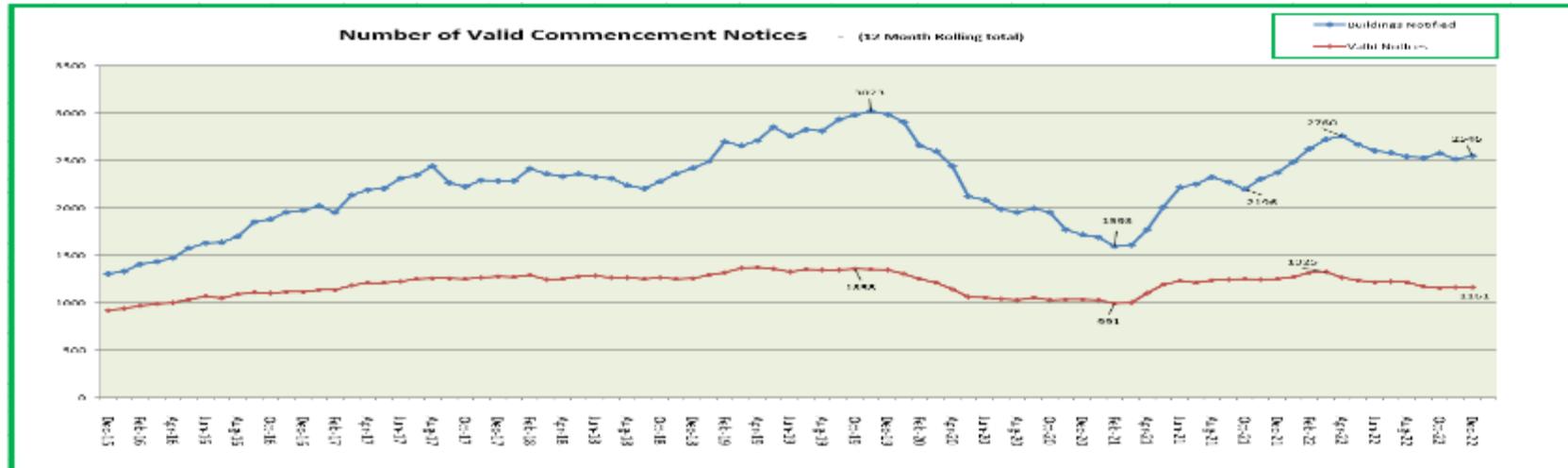
The following statistics relate to the number of Disability Access Certificate (DAC) applications received and the number of DAC applications granted on a month basis for the period covered by this report. *(DAC received includes invalid applications. Decisions does not include invalidation)*

Month	No. Access Certificates received	No. Access Certificates decided
October 2022	13	11
November 2022	19	22
December 2022	10	12
Total	42	46

Graphs and Tables



Environment/Climate Action/Emergency Services/Rural Broadband



Buildings - Per Month

	2015	2016	2017	2018	2019	2020	2021	2022
January	62	87	133	134	200	115	88	204
February	98	169	106	234	448	204	110	243
March	89	120	300	245	200	136	151	257
April	139	176	232	205	265	111	277	310
May	97	201	209	235	376	59	292	203
June	118	174	284	250	151	106	318	247
July	168	176	208	195	262	170	200	185
August	111	168	266	189	181	149	226	180
September	152	305	132	103	221	258	205	195
October	138	170	124	197	245	205	128	177
November	66	139	211	287	329	144	252	187
December	69	89	82	145	111	57	125	158
Total	1,307	1,974	2,287	2,419	2,989	1,714	2,372	2,546

Buildings - Per Quarter

	2015	2016	2017	2018	2019	2020	2021	2022
Quarter 1	249	376	539	613	848	455	349	704
Quarter 2	354	551	725	690	792	276	887	760
Quarter 3	431	649	606	487	664	577	631	560
Quarter 4	273	398	417	629	685	406	505	522

Notices - Submitted Per Month

	2015	2016	2017	2018	2019	2020	2021	2022
January	50	70	94	93	128	82	72	94
February	67	91	90	110	137	83	50	95
March	63	88	136	88	133	96	105	115
April	87	95	117	120	126	54	158	98
May	74	111	117	146	137	59	147	121
June	86	121	130	134	101	95	132	107
July	121	99	127	112	138	124	105	113
August	70	111	116	112	104	90	117	110
September	88	106	106	91	93	119	125	79
October	102	98	95	112	123	98	103	88
November	66	81	95	81	73	82	80	86
December	46	43	52	57	55	52	54	55
Total	920	1,114	1,275	1,256	1,348	1,034	1,248	1,161

Notices - Submitted Per Quarter

	2015	2016	2017	2018	2019	2020	2021	2022
Quarter 1	180	249	320	291	398	261	227	304
Quarter 2	247	327	364	400	364	208	437	326
Quarter 3	279	316	349	315	335	333	347	302
Quarter 4	214	222	242	250	251	232	237	229

2.1.3 Cork West Civil Defence

Volunteer Hours on Operational Activities Nov – Jan.

November Operational Hours = 134

- Missing Person Search – Macroom
- 4 x Day Supporting IBTS – Skibbereen, Bantry
- Skibbereen Christmas Parade
- AGS Centenary Commemoration, Clonakilty

December Operational Hours = 49

- Sean Hales Commemoration, Bandon
- Skibbereen Rowing Club Charity Run

January 2023 Operational hours = 10

- Severe Weather Response: Due to the snow and ice warning issued by Met Eireann, a request was received from CARA House in Skibbereen (Geriatric Support services) to Cork West Civil Defence to transport meals to elderly and vulnerable clients in the region.
- Logistical Duty: Collection of PPE from Civil Defence HQ, Roscrea

Total Cork West Civil Defence Volunteer Hours Training

November 2022

Completed Training

- Community Cardiac First Responder for SNAs – (6 students)
- Personal Survival Techniques, and Rib Capsize – (2 Students)

Ongoing Training

- Emergency Medical Technician (EMT) Course (3 Students)
- Search Responder Training – (24 Students)



Volunteers on duty at the Sean Hales Commemoration in Bandon



Cork West Civil Defence visit to the Irish Air Corps, Casement Aerodrome, Baldonnell, 29/11/2022

Cork West Civil Defence were welcomed to Baldonnell, by staff of the Irish Air Corps for a very interesting tour of Casement Aerodrome. All volunteers had a great day out. The tour included:

- A visit to the hangers and look at the aircraft
- Crash rescue services
- Bird Control unit
- Air Traffic Control



West Cork Civil Defence at Baldonnell

December 2022

Completed Training

- Rescue 3 Swiftwater & Flood First Responder (6 Students)

Ongoing Training

- Emergency Medical Technician (EMT) Course (3 Students)
- Search Responder Training – (24 Students)

January 2023

Ongoing Training

- Emergency Medical Technician (EMT) Course: 3 x Students.
- #### Completed Training
- Missing Person Search Responder Course: 24 x Students
 - Rescue 3 Swiftwater and Flood Responder Refresher Training: 7 x Responders
 - 2 x classes of Emergency Medical Technician Medical Refresher Training: 10 x Students
 - 4 x classes of First Aid Responder, and Cardiac First Responder Medical Refresher Training: 30 x Students



Students & Instructors at Rescue 3 Swiftwater & Flood First Responder Training



Search Training Exercise held in Ballinacarriga for Cork West Volunteers

2.2 Water

2.2.1 Public Drinking Water Monitoring Program 2022:

Covid-19 update:

The planned public water supply sampling programme is progressing, and on target.

No of Public drinking water supplies	No of samples scheduled for 2022	No of samples taken by end-Q4 2022	No of parameters scheduled for analysis in 2022	No of parameters analysed by end-Q4 2022	% of parameters Compliant with Drinking Water Standards by end-Q4 2022
151*	889*	1,066	15,540	20,181	99.5%
<i>Q4/2021</i>	<i>979</i>	<i>1,164</i>	<i>17,113</i>	<i>21,158</i>	<i>99.4%</i>

*Subject to revision, based on updated monitoring requirements specified by Irish Water (including network closures/consolidation).

Under the terms of our Service Level Agreement (SLA) with Irish Water, the Environment Directorate delivers an extensive sampling & testing programme in relation to public drinking water supplies. Summary data on progress against overall targets is given below. It is not currently possible to break this data down by Municipal District.

Detailed information on individual water supplies can be found at <https://www.water.ie/water-supply/water-quality/>.

2.2.2 Private Drinking Water Compliance Monitoring



Covid-19 update:

The HSE had previously advised that sampling at nursing homes could recommence in Q2/Q3, subject to the incidence rate of Covid-19 at the time, as well as the agreement by management at individual nursing homes. Given the continued risk of Covid-19, as well resource constraints within the laboratory, sampling at nursing homes remained suspended in Q3, but will be reviewed for Q4. In Q3 2022 continued priority was given to schools and creches and to re-testing supplies which had issues, with many coming back into compliance. Q3 also the saw reinstatement of sampling at private supply hotels/ B&Bs and Sports clubs.

Sampling of Group Water Schemes has not been affected by Covid-19 restrictions with outdoor monitoring points accessible at all supplies.

Private WS supply type	No of drinking water Private supplies	No of samples scheduled for 2022	No of samples taken by end-Q3 2022	No of parameters scheduled for analysis in 2022	No of parameters analysed by end-Q4 2022	% of parameters Compliant with Drinking Water Standards up to end-Q4 2022
Private Group WS	25	50	34	800	845	97.2 %
<i>Q3/2021</i>	<i>25</i>	<i>50</i>	<i>45</i>	<i>950</i>	<i>1,238</i>	<i>95.6 %</i>
Small private supplies	101*	202	164	3,686	3,350	96.9%
<i>Q3/2021</i>	<i>159*</i>	<i>200</i>	<i>124</i>	<i>3,600</i>	<i>3,638</i>	<i>87.3%</i>

Environment/Climate Action/Emergency Services/Rural Broadband

* Number stated is number of supplies prioritised to be monitored based on a risk assessment (e.g. schools, crèches, nursing homes, etc.). This number may be reviewed during the year, depending on Covid-19 incident rate. Approximately 400 Small Private Supplies in County Cork.

2.2.3 Bathing Water Compliance Programme 2021

Note: Bathing Season monitoring extends from mid-May to mid-September. In addition to bathing water sampling and testing outlined below, the Water Quality Laboratory also undertakes environmental education activities as required by the Blue Flag rules. This year, on-the-beach activities were scheduled for May and June, laboratory staff assisted by a number of NGOs plans to engage with schools. Beach activities were held on a number of beaches with students learning about beach ecology and the importance of keeping our beaches clean along with water safety instruction from Cork Co. Council's Water Safety Development Officer.

Below table outlines the completed bathing water monitoring programme for 2022, with the bathing water monitoring results for 2021 re-stated in section 2.1.3.1. These tables are the similar to those submitted in the Q3 Divisional Committee Report. Otherwise updates for Q4 are: Classification for Identified Bathing Waters were validated by the EPA, and the Blue Flag applications were submitted to An Taisce in November 2022.

Total No of beaches in monitoring programme 2022	No of samples scheduled for 2022 Bathing water Season (May – Sept)	No of samples taken 2022	No. of compliant samples <i>E.Coli</i> <500 AND <i>I. Enterococci</i> <100	No of non-compliant samples 2022 <i>E. coli</i> > 500 OR <i>I. Enterococci</i> >100
29	177	202	197	5
By End – 2021	181	190	184	6

Environment/Climate Action/Emergency Services/Rural Broadband

2.2.4 Bathing water quality status for Identified & Blue flag beaches

Municipal District	Identified Bathing water	2022 Blue Flag Award	2021 Blue Flag Award	2020 Blue Flag Award	2020 Bathing water status (2017-2020 results)	2021 Bathing water status	2022 Bathing Water Status* & Blue Flag awards to be advised by An Taisce May 2023
Bandon/Kinsale	Coolmaine	Not a Blue Flag	Not a Blue Flag	Not a Blue Flag	Good	Good	TBA
	Garrylucas	Yes	Yes	Yes	Excellent	Excellent	TBA
	Garretstown	Yes	Yes	Yes	Excellent	Excellent	TBA
Carrigaline	Fountainstown	Yes	No	No	Excellent	Excellent	TBA
East Cork	Garryvoe	No	No	No	Sufficient	Sufficient	TBA
	Redbarn	Yes	Yes	Yes	Excellent	Excellent	TBA
	Youghal Claycastle	Yes	Yes	Yes	Excellent	Excellent	TBA
	Youghal Front strand	Yes	No	No	Good	Excellent	TBA
West	Barleycove	Yes	Yes	Yes	Excellent	Excellent	TBA
	Inchydoney West	Yes	Yes	Yes	Excellent	Excellent	TBA
	Inchydoney East	Yes	Yes	n/a	Excellent	Excellent	TBA
	Owenahincha	Yes	Yes	Yes	Excellent	Excellent	TBA
	Tragumna	Yes	Yes	Yes	Excellent	Excellent	TBA
	Warren	No	Yes	No	Excellent	Good	TBA

11 Identified Bathing waters attained Blue flag for the 2022 bathing season - Barleycove, Fountainstown, Garretstown, Garrylucas, Inchydoney East, Inchydoney West, Owenahincha, Redbarn, Tragumna, Youghal Claycastle, Youghal Front Strand.

*The EPA is the sole arbiter of Bathing Water status, and this is based on 20 samples over 4 years. The status shown here is based on EPA/HSE criteria for assessment of a single sample

Environment/Climate Action/Emergency Services/Rural Broadband

2.2.5 Bathing water quality status for Green Coast Awards & candidate beaches

Municipal District	Beach	2022 Green Coast Award	2021 Green Coast Award	2020 Green Coast Award	2020 Bathing water status (2017-2020 results)	2021 Bathing Water Status (2018-2021)	2022 Bathing Water Status* Green Coast Awards to be advised by An Taisce May 2023
Bandon/Kinsale	Oysterhaven	Yes	No	Yes	Good	Excellent	TBA
Carrigaline	Rockybay	Yes	Yes	Yes	Excellent	Excellent	TBA
	Fountainstown	Yes	Yes	Yes	Excellent	Excellent	TBA
East Cork	Ring Beach	Yes	Yes	Yes	Excellent	Excellent	TBA
	Inch Beach	Yes	Yes	Yes	Excellent	Excellent	TBA
	Shanagarry (Ardnahinch)	Yes	Yes	Yes	Excellent	Excellent	TBA
West Cork	Ballyrisode	Yes	Yes	Yes	Excellent	Excellent	TBA
	Cadogens	Yes	Yes	Yes	Excellent	Excellent	TBA
	Cape Clear Is.	No	No	No	Good	Excellent	TBA
	Galleycove	Yes	Yes	Yes	Excellent	Excellent	TBA
	Garinish	Yes	Yes	Yes	Excellent	Excellent	TBA
	Inchydoney East	Yes	Yes	Yes	Excellent	Excellent	TBA
	Red strand	Yes	Yes	Yes	Excellent	Excellent	TBA
	Dooneen	Yes	Yes	Yes	Excellent	Excellent	TBA
	Sherkin island	Yes	Yes	Yes	Excellent	Excellent	TBA

14 no. applications for Green Flag beaches submitted to An Taisce for the 2022 bathing season were awarded in June 2022.

*The EPA is the sole arbiter of Bathing Water status, and this is based on 20 samples over 4 years. The status shown here is based on EPA/HSE criteria for assessment of a single sample.

Environment/Climate Action/Emergency Services/Rural Broadband

2.2.6 Agricultural Inspection Program

No of farm inspections scheduled for 2022	Municipal District	No of farm inspections undertaken 1/1/2021 to 31/12/2021	No of farm inspections undertaken 1/1/2022 to 31/12/2022	No of warning letters sent	% of farms with non compliances detected	No. of Cross reports to DAFM	% of farms with Cross reports to DAFM
794	Carrigaline	36	25	9	36%	1	4%
	Bandon/ Kinsale	82	75	19	25%	3	4%
	Macroom	70	67	23	34%	2	3%
	Cobh	65	49	13	27%	2	4%
	East Cork	82	76	17	22%	4	5%
	Fermoy	134	145	35	24%	1	0.7%
	Mallow/Kanturk	143	216	47	22%	6	2.8%
	West Cork	103	130	35	27%	1	0.8%
Total		715	783	198	25%	20	2.6%

2.2.7 Septic Tanks - more than half are failing inspection.

Municipal District	No. of Septic Tank inspections scheduled for period 2022	No. of Septic Tank inspections undertaken for period 1/1/22 -31/12/22	No of non-compliant systems identified	% non- compliances identified	No. of Advisory Notices issued	No. of Advisory Notices Complied with
Carrigaline	9	9	6	67%	6	6
Bandon/Kinsale	15	16	5	31%	5	1
Macroom	19	22	12	55%	12	7
Cobh	9	8	6	75%	6	4
East Cork	9	7	5	71%	5	4
Fermoy	15	14	4	29%	4	3
Mallow/ Kanturk	15	15	10	67%	10	3
West Cork	22	22	11	50%	11	5
Total	113	113	59	52%	59	33

Notes;

- Under the 2022-2026 Domestic Waste Water Treatment Systems National Inspection Plan, (NIP), the minimum number of inspections has increased from 60 in 2021 to 113 in 2022 &

Environment/Climate Action/Emergency Services/Rural Broadband

136/annum from 2023 -2026

2. There is small variation between scheduled & actual inspections in some divisions in order to achieve required number of inspections in each risk zone, & to group inspections for more efficient work.

The 2022-2026 National Inspection Plan identifies 3 Risk Zones.

Risk Zone 1; These are areas where DWWTS pose a higher relative risk to surface waters. NIP requires 18 inspections in Zone 1 in 2022.

Risk Zone 2; These are areas where DWWTS pose a higher relative risk to private wells. NIP requires 77 inspections in Zone 2 in 2022.

Risk Zone 3; Zone 3 covers the rest of the country. NIP requires 18 inspections in Zone 3 in 2022. Sites for inspection have been selected in compliance with the requirements of the NIP.

2.2.8 Update on Septic Tank Inspection Program 2013 – 2021

	No. of Septic Tank inspections scheduled for period 1/7/2013 to 31/12/2021	No. of Septic Tank inspections undertaken to 31/12/2021	No of non-compliant systems identified	% non-compliances identified	No. of Advisory Notices issued	No. of Advisory Notices Complied with by 31/12/2022
Total	684	700	389	56%	389	369

2.2.9 Update on Tracking of Compliance with Advisory Notices 2013 – 2021

National Inspection Plan Domestic Wastewater Treatment System Inspections			Number of Advisory Notices Complied with in				No of Advisory Notices Not Complied with by 31/12/2022	
Dates of Inspections	No of inspections	>12 months	< 3 months	4-6 months	7-12 months	>12 months	>6 months	>12 months
1/7/2013 – 31/12/2014	146	79	25	19	17	17	0	1
1/1/2015 - 31/12/2015	99	58	9	19	18	11	0	1
1/1/2016 – 31/12/2016	102	68	25	16	8	18	0	1
1/1/2017 – 31/12/2017	112	63	10	17	2	25	0	9
1/1/2018 – 31/12/2018	60	21	6	3	2	10	0	0
1/1/2019 – 31/12/2019	60	31	8	12	3	8	0	0
1/1/2020 – 31/12/2020	59	32	7	6	3	12	0	4
1/1/2021 – 31/12/2021	62	37	8	15	7	3	0	4

Notes;

- We continue to engage with all householders who have not yet complied fully with their Advisory Notices.
- There are 9 notices not complied with for 2017. 8 of these are in one location & are liaising with Irish Water re provision of public sewer.

Environment/Climate Action/Emergency Services/Rural Broadband

2.2.10 DWWTS Grant Payments by Cork County Council (to 30/09/2022)

Grant Scheme	2014	2015	2016	2017	2018	2019	2020	2021	2022
National Inspection Plan	2 Grants €3,151	8 Grants €17,185	9 Grants €18,282	6 Grants €15,031	3 Grants €6,867	4 Grants €7,177		1 Grant €5,000	8 Grants €22,560
High Status Areas	N/A	N/A	N/A	N/A	N/A		N/A	1 Incomplete Application	1 Grant paid €5,000 1 applications submitted, & approved, works in progress
Priority Areas for Action	N/A	N/A	N/A	N/A	N/A		N/A	2 referrals to LAWPro for Approval.	1 Grant Paid €5,000

Notes;

- Total of 43 DWWTS grants, worth €105,253, have been paid out since 2014, by Cork County Council.
- All grant payments have been recouped from Department of Housing, Local Government & Heritage.
- The grant schemes for High Status Areas, & Priority Areas for Action, were not available until 2020.

Key Message

Too much sludge in the tank is one of the reasons for non-compliance in over 50% of cases. Householders are encouraged to desludge their septic tanks using an authorized desludging contractor every 2-3 years. A list of local authorized desludging contractors is available from the Environment Directorate at Inniscarra.

2.2.11 Municipal Wastewater Sampling Programme

Note: Full completion of public wastewater regulatory sampling and testing programme.

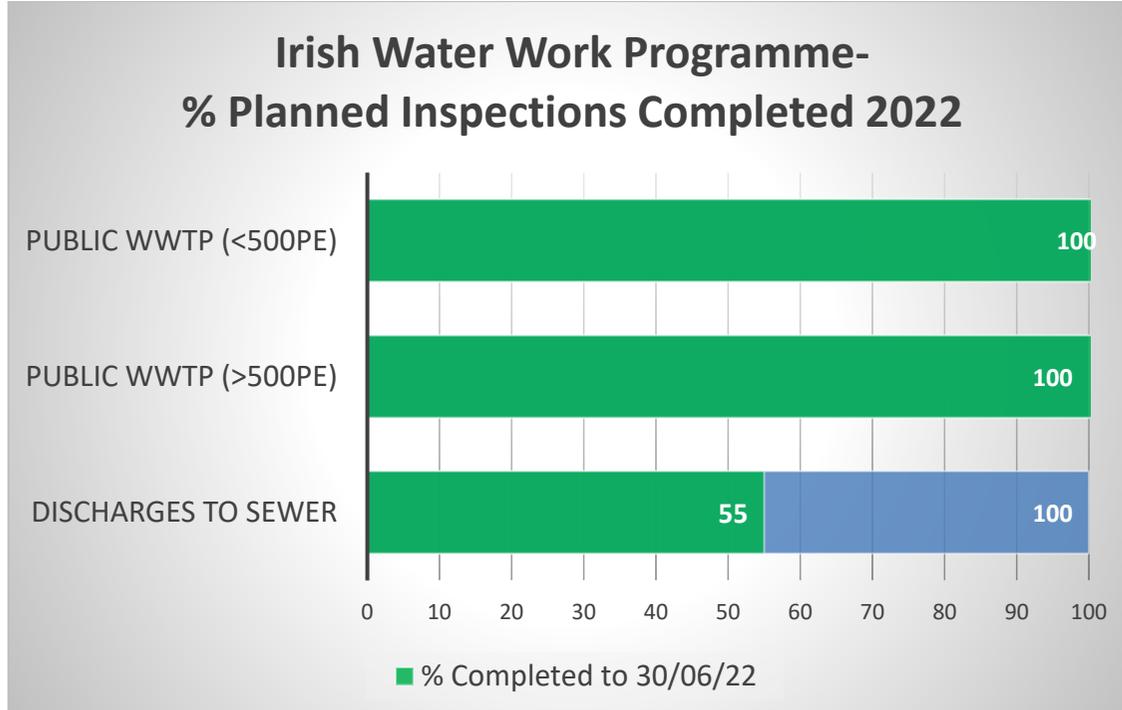


Figure 1: IW Work Programme- Inspections

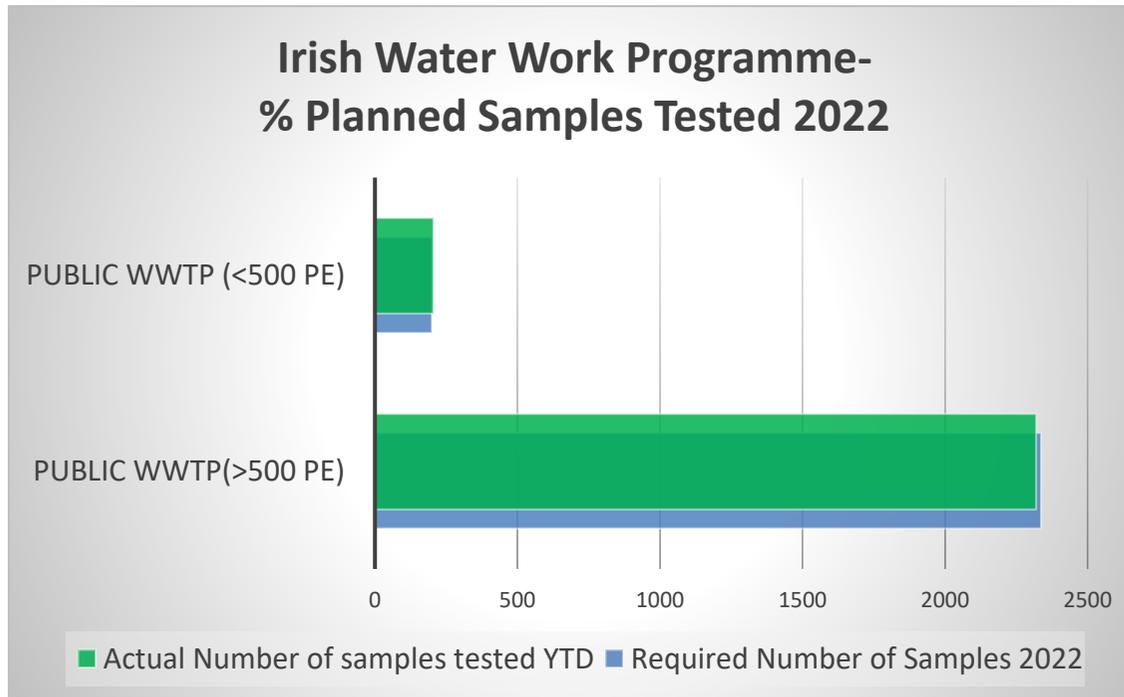


Figure 2: IW Work Programme – Samples

Under the terms of our Service Level Agreement (SLA) with Irish Water, the Environment Directorate delivers an extensive sampling & testing programme in relation to public waste water treatment systems. Summary data on progress against overall targets is given above. More information on individual municipal treatment plants can be found via the Irish Water website; <https://www.water.ie/wastewater/compliance/>. Compliance information for individual plants is available via the EPA's website at <https://gis.epa.ie/EPAMaps/SewageTreatment>.

Environment/Climate Action/Emergency Services/Rural Broadband

2.2.12 Trade Waste Water Discharge License Inspection Program – S4 Discharges to water

No. of S4 Inspections scheduled		No inspections undertaken YTD				
	<i>Target</i>	Q1	Q2	Q3	Q4	Σ
Carrigaline	13	0	3	0	11	14
Bandon-Kinsale	18	1	9	2	6	18
Macroom	17	1	0	0	13	14
Cobh	14	0	5	5	3	13
East Cork	17	2	9	2	8	21
Fermoy/Mitchelstown	12	3	7	2	2	14
Mallow/Kanturk	34	6	12	0	18	36
West Cork	33	5	2	16	7	30
Total	158	18	47	27	68	160
% Inspection plan completed		101%				

Notes:

Section 4 (private discharges) programme has been significantly impacted by Covid. Many of the Licences scheduled for inspection visits relate to premises closed under national restrictions. Inspections have therefore focused more on operational controls and management rather than compliance samples. Our inspection plan is kept under continual review to reflect NPHEt guidance. Plan reviewed in Oct. 2022. High risk facilities (nursing homes, hospitals etc). removed from sampling plan. Some facilities scheduled for inspection remained closed.

2.3 Air & Noise

2.3.1 Numbers of licenses under Air Pollutions Acts and related regulations

Licence Type	Municipal District	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	+/- on Q3 2022
Solvent Regulation Certificates (Dry Cleaners)	Bandon/Kinsale	5	4	5	5	4	-1
	Carrigaline	3	3	2	3	3	0
	Macroom	0	0	0	0	0	0
	Cobh	1	1	1	1	1	0
	East Cork	3	3	3	1	2	1
	Fermoy	3	2	1	3	3	0
	Kanturk/Mallow	2	2	2	1	1	0
	West Cork	3	3	1	1	0	-1
	TOTAL		20	18	15	15	14
Deco Paint Regulation Certificates (spray painters)	Bandon/Kinsale	5	5	4	4	4	0
	Carrigaline	3	1	1	2	3	1
	Macroom	2	2	1	1	1	0
	Cobh	2	3	2	2	2	0
	East Cork	9	8	8	8	7	-1
	Fermoy	5	5	5	5	4	-1
	Kanturk/Mallow	7	6	6	6	6	0
	West Cork	6	5	4	4	4	0
	TOTAL		39	35	31	32	31

Environment/Climate Action/Emergency Services/Rural Broadband

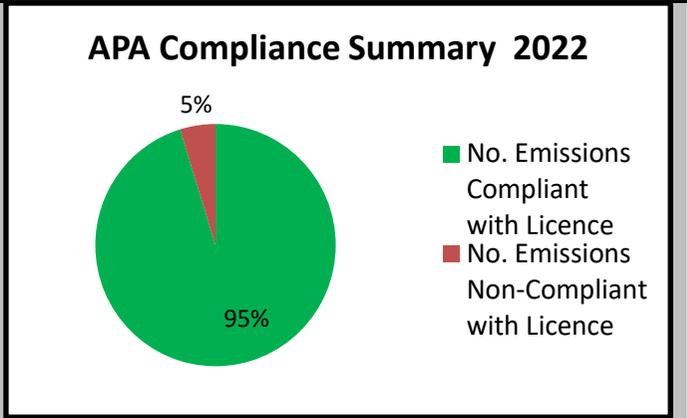
Petroleum Vapour Certificates	Bandon/Kinsale	11	11	15	15	15	0
	Carrigaline	6	6	6	6	6	0
	Macroom	10	14	12	12	12	0
	Cobh	8	8	9	10	10	0
	East Cork	9	10	10	10	10	0
	Fermoy	14	14	15	15	15	0
	Kanturk/Mallow	7	9	10	9	13	4
	West Cork	14	16	18	19	19	0
	TOTAL	79	88	95	96	100	1
Stage II Petroleum Vapour Certificates*	Bandon/Kinsale	n/a	n/a	0	0	0	0
	Carrigaline	n/a	n/a	0	0	0	0
	Macroom	n/a	n/a	1	1	1	0
	Cobh	n/a	n/a	0	1	1	0
	East Cork	n/a	n/a	0	1	1	0
	Fermoy	n/a	n/a	1	1	1	0
	Kanturk/Mallow	n/a	n/a	0	0	1	1
	West Cork	n/a	n/a	0	0	0	0
	TOTAL	n/a	n/a	2	4	5	1

* Stage II Petrol Vapour Certification relates to the capture of vapours at petrol dispensers (pumps) during refuelling.

Following the publication of an EPA guidance document in Feb. 2022, Cork County Council has commenced issuing such certificates.

2.3.2 Inspections under Air Pollution Acts and related regulations

No. Air Pollution		No inspections				
	Target	Q1	Q2	Q3	Q4	Σ
Carrigaline	4	2	0	0	2	4
Bandon-	2	1	0	0	1	2
Macroom	2	1	0	0	1	2
Cobh	8	4	0	0	4	8
Mallow-	2	1	0	0	1	2
West Cork	2	1	0	0	2	3
Total	20	10	0	0	1	21
% Inspection plan		105%				



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2.3.3 Coal Regulations –Low Smoke Zone Inspection Program

Year 2022	No. of Inspections Planned (Low Smoke Zone) *	Advisory Letters ¹	Inspections 2022	Non-Compliances	Warning Letters	Fines/ Enforcement Proceedings	% Overall Compliance level rel. to inspections undertaken
Q1	18	0	12	2	1	0	84%
Q2	0	0	0	0	0	0	N/A
Q3	0	216	0	0	0	0	N/A
Q4	80	0	82	6	5	0	93%
Total	98	216	84	8	6	0	92%

2.3.4 Coal Regulations – Non-ban area Inspection Program

Year 2022	No. of Inspections Planned (Non-Ban Area) *	Advisory Letters	Inspections 2022	Non-Compliances	Warning Letters	Fines/ Enforcement Proceedings	% Overall Compliance level rel. to inspections undertaken
Q1	62	0	66	6	5	0	92%
Q2	0	0	0	0	0	0	N/A
Q3	0	0	0	0	0	0	N/A
Q4	0	0	0	0	0	0	N/A
Total	62	0	66	6	5	0	92%

2.3.5 Coal Regulations –Mobile/Multi-Agency Checkpoints

Year 2022	No. of Inspections Planned *	Advisory Letters	Inspections 2022	Non-Compliances	Warning Letters	Fines/ Enforcement Proceedings	% Overall Compliance level rel. to inspections undertaken
Q1	0	0	0	0	0	0	N/A
Q2	0	0	0	0	0	0	N/A
Q3	0	0	0	0	0	0	N/A
Q4	2	2	0	0	0	0	100%
Total	2	2	0	0	0	0	100%

* Note: Coal Inspections occurs primarily in Q1 and Q4 each year i.e., during the heating season.

* New regulations governing solid fuels came into force on October 31st, 2022 and apply nationwide. Therefore, the distinction between Low-Smoke Zones and non-ban areas no longer applies. All inspections that took place in Q4 2022 are recorded in Table 2.2.1. Under the new regulations Cork County Council no longer has the power to issue fines

¹ The term “Advisory Letters” relates to communications issued to identified fuel suppliers and retailers at start of heating season as part of our awareness campaign, or to householders in areas identified as having problems.

2.4 Waste

2.4.1 Inspections 1st October – 31st December 2022

	Municipal District								
	Bandon - Kinsale	Carrigaline	Cobh	East Cork	Fermoy	Macroom	Mallow-Kanturk	West Cork	Q4Totals
Waste Facility Permit	4	0	1	0	2	3	1	7	18
Waste Collection Permit	0	0	2	0	1	1	3	0	7
Food Waste (includes domestic and commercial)	6	0	2	7	2	0	2	3	22
Unauthorised End-of-Life Vehicle site	5	0	5	1	0	1	1	2	15
Producer Responsibility (WEEE/Tyres/Packaging/etc.)	17	1	0	2	10	5	7	8	50
Complaint Investigation	15	25	15	44	15	51	12	28	205
Multi-Agency Operations	0	0	1	0	0	0	1	0	2
Vehicle Checkpoints*	2	0	0	0	0	0	1	0	3
Total	49	26	26	54	30	61	28	48	322

**Vehicle Checkpoint Inspections refers to the number of Vehicle Checkpoints carried out in the quarter. Each checkpoint is attended by multiple staff, and many multiples of vehicles are inspected.*

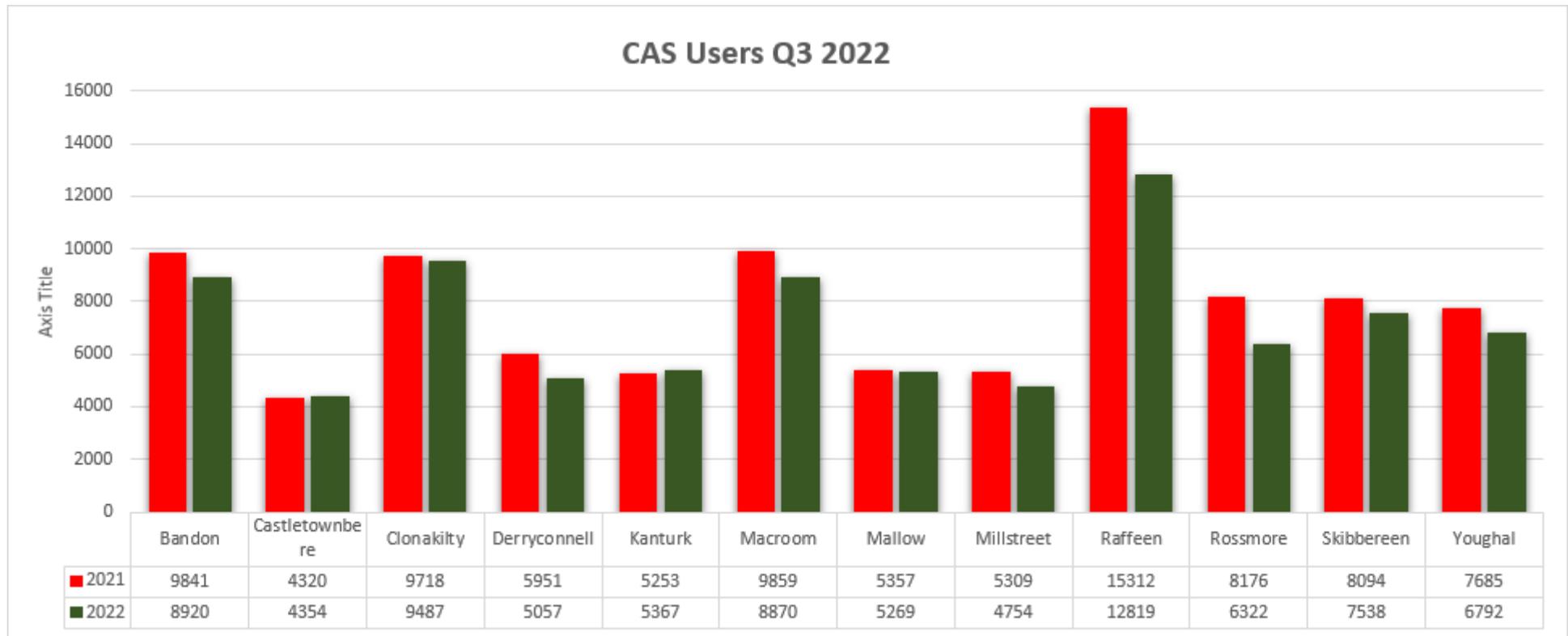
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2.4.2 Civic Amenity Sites

Q4 update not available yet – supplementary update will be circulated in due course

Zone	Location	Material	Tonnage	Tonnage	Tonnage	Tonnage	TOTAL	TOTAL
			Q1 2022	Q2 2022	Q3 2022	Q4 2022	2022	2021
1	Castletownbere	Recyclables	93.48	82.52	94.80		270.80	344.28
		Waste	71.86	71.96	83.08		226.90	312.91
	Clonakilty	Recyclables	227.59	193.56	206.34		627.49	842.98
		Waste	151.12	118.34	145.56		415.02	572.36
	Derryconnell	Recyclables	95.20	80.95	125.21		301.36	420.63
		Waste	85.86	99.68	114.18		299.72	453.40
	Skibbereen	Recyclables	76.31	79.98	83.93		240.22	328.35
Waste		47.06	40.59	47.71		135.36	176.11	
2	Bandon	Recyclables	391.82	356.76	331.49		1,026.97	1,619.27
		Waste	218.46	200.46	202.48		621.40	936.74
	Macroom	Recyclables	276.42	172.24	276.62		819.26	1,210.88
		Waste	277.15	171.62	243.79		802.88	1,183.54
	Raffeen	Recyclables	584.26	743.10	690.96		2,018.32	3,144.25
		Waste	507.70	540.34	525.44		1,573.48	2,313.94
3	Rossmore	Recyclables	292.02	232.66	349.48		1,006.71	1,574.60
		Waste	336.66	240.23	395.32		1,095.94	1,722.57
	Youghal	Recyclables	171.03	108.34	164.82		511.89	772.67
		Waste	278.98	152.18	261.22		777.66	1,151.51
4	Kanturk*	Recyclables	136.10	112.28	180.67		493.82	722.97
		Waste	190.80	124.36	215.66		619.02	756.12
	Mallow*	Recyclables	187.20	114.36	195.44		580.72	831.56
		Waste	150.88	118.40	193.86		547.32	789.50
	Millstreet*	Recyclables	118.41	36.58	125.48		369.01	638.03
		Waste	159.30	65.58	199.20		516.70	693.32

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2.4.3 Decisions made Waste Facility Permit & Waste Cert of Registration Applications Oct 01st- Dec 31st

Waste Facility Permit/ Certificates of Registration	Municipal District							
	Bandon - Kinsale	Carrigaline	Cobh	East Cork	Fermoy	Macroon	Mallow- Kanturk	West Cork
Q1	0	1	0	1	0	2	0	2
Q2	1	1	1	1	0	1	0	1
Q3	2	0	1	3	1	0	2	0
Q4	0	0	0	0	1	0	1	1
2022 Totals	3	2	2	5	2	3	3	4
2021 Totals	0	1	7	0	0	3	3	1

2.4.4 Bring sites

Q4 update not available yet – supplementary update will be circulated in due course

Material	Tonnage Q1 2022	Tonnage Q2 2022	Tonnage Q3 2022	Tonnage Q4 2022	Total 2022	Total 2021
Glass Bottles	1,528.00	1,515.39	1,641.00		4,684.39	6948.37
Beverage Cans	21.51	10.57	21.20		57.69	99.29
Food Cans	24.06	15.03	24.46		70.38	105.85

Environment/Climate Action/Emergency Services/Rural Broadband

2.4.5 Litter Fines - Environment Directorate Litter Wardens ytd 2022*

MDC	Issued				Cancelled				Paid				Sent for Prosecution			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Carrigaline	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Bandon / Kinsale	2	1	2	2	1	0	0	1	1	0	0	2	0	0	0	0
Macroom	0	2	2	1	0	0	0	1	0	0	2	0	0	0	0	0
Cobh	2	6	2	2	1	0	0	0	1	3	4	0	0	0	1	0
East Cork	3	3	2	1	0	0	0	0	2	4	1	1	0	1	0	0
Fermoy	4	2	2	0	0	0	0	0	2	2	1	0	0	2	0	0
Kanturk / Mallow	17	8	8	9	2	1	0	0	9	5	7	3	2	4	2	0
West Cork	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
TOTAL 2022	28	22	19	15	4	2	0	2	15	14	16	6	2	7	4	0
TOTAL 2021	29	29	19	22	0	0	0	0	13	24	20	12	3	3	2	1

*For data on fines issued by staff of other Municipal Districts see 2.5.7.

Environment/Climate Action/Emergency Services/Rural Broadband

2.4.6 Litter Fines by Category - Environment Directorate Litter Wardens

Fine Category	Issued			
	Q1	Q2	Q3	Q4
LW detection via patrol or report Section 3(1)	26	17	18	11
CCTV Section 3(2) b	0	0	0	0
Duties of Occupiers Section 6	0	0	0	0
Mobile outlets Section 15	0	0	0	0
Unauthorised Sign Section 19	2	5	1	4
TOTAL 2022	28	22	19	15
TOTAL 2021	29	29	19	22

2.4.7 Litter Fines - Municipal District Litter Wardens ytd 2022

MDC	Issued				Cancelled				Paid				Sent for Prosecution			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Carrigaline	0	0	TBC*	0	0	0	TBC*	0	0	0	TBC*	0	0	0	TBC*	0
Bandon / Kinsale	0	0	TBC*	0	0	0	TBC*	0	0	0	TBC*	0	0	0	TBC*	0
Macroom	0	5	TBC*	0	0	1	TBC*	0	0	4	TBC*	0	0	0	TBC*	0
Cobh	1	1	TBC*	2	0	0	TBC*	0	0	0	TBC*	0	0	0	TBC*	0
East Cork	0	0	TBC*	0	0	0	TBC*	0	0	0	TBC*	0	0	0	TBC*	0
Fermoy	0	4	TBC*	0	0	tbc*	TBC*	0	0	tbc*	TBC*	0	0	0	TBC*	0
Kanturk / Mallow	1	1	TBC*	0	0	tbc*	TBC*	0	0	tbc*	TBC*	0	0	0	TBC*	0
West Cork	0	0	TBC*	TBC*	0	0	TBC*	TBC*	0	0	TBC*	TBC*	0	0	TBC*	TBC*
TOTAL 2022	2	11	TBC*	2	0	1	TBC*	0	0	4	TBC*	0	0	0	TBC*	0
Notes:	*Outstanding data to be provided by Municipal Districts.															

Environment/Climate Action/Emergency Services/Rural Broadband

2.4.8 Anti Litter Unit & Other Environmental Complaints by Type

Type	Q1	Q2	Q3	Q4	Total
Air	42	66	92	32	232
Noise	52	59	36	19	166
Waste	336	280	254	226	1096
Waste water	27	13	16	16	72
Water (to be categorised)	24	19	15	23	81
Water Quality	35	11	25	14	85
Total excl Dumping Line 2022	516	448	438	330	1732
Total excl Dumping Line 2021	747	656	553	340	2296
Notifications to Burn	20*	37*	53	23	133
Illegal Dumping Line	60	59	6	0	125

2.4.9 Anti Litter Unit & Other Environmental Complaints by MDC

Waste - Litter	Municipal District								Not Assigned MDC
	Bandon - Kinsale	Carrigaline	Cobh	East Cork	Fermoy	Macroom	Mallow-Kanturk	West Cork	
Q1	47	72	35	37	43	65	68	79	70
Q2	32	45	45	41	50	42	59	101	33
Q3	26	63	39	76	39	40	60	70	25
Q4	31	51	27	56	32	31	47	39	16
2022 Totals	136	231	146	210	164	178	234	289	144
2021 Totals	211	471	194	319	241	216	349	301	

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2.4.10 Anti Litter Unit Statistics

Anti-Litter Unit Statistics 2021	Q1	Q2	Q3	Q4	YTD 2022	Total 2021
Fly-tipping Complaint Investigations	388	330	241	182	1141	1498
Fly-tipping Cleanup Jobs	239	181	173	164	757	859
Fly-Tipping Units on Litter duty (Days)	30	29	29	27	115	153
Waste Collected (Tonnes)	46.50	35.00	24.00	26.30	131.80	295.50

2.4.11 Total Prosecutions (under WMA 1997)

Q4	Municipal District							
	Fermoy	Kanturk /Mallow	Carrigaline	Macroom	Cobh	East Cork	Bandon/ Kinsale	West Cork
COMPLETE	2	3	1			1	1	1
PENDING		5	2	1	2		3	
TOTAL	2	8	3	1	2	1	4	1

2.5 Veterinary & Food Safety

2.5.1 No. of Dog Licences issued

Licence Type	Carrigaline	Macroom	Cobh	East Cork	Kanturk Mallow	Fermoy	West Cork	Bandon Kinsale	Total No. Issued as at 31/12/2022	Total 2022	Total 2021
Ordinary Dog Licences	3169	3319	3078	4096	4874	3289	4725	3362	29,912	29912	27,612
									<i>An Post</i> 20,502		
General Dog Licences	4	14	1	6	11	10	11	14	71	71	69
									<i>An Post</i> n/a		
Life Time Licences	83	126	54	107	114	64	190	117	855	855	825
									<i>An Post</i> 271		

Total Number of Stray Dogs Entering Pound /Surrendered /Seized for period: 1st Jan 2022 – 31st Dec 2022 : 172

Total No. Rehomed / Reclaimed: 118 Total No. Euthanised: 54

Please note not all returns are in yet for this Qtr.

2.5.2 No. of Dog Fines Issued

Licence Type	Carrigaline	Macroom	Cobh	East Cork	Kanturk Mallow	Fermoy	West Cork	Bandon Kinsale	Total No. Issued as @ 31/12/2022	Total 2021
Fines Issued	8	20	3	82	44	29	36	55	277	177
Section 16(1) notices issued	198	208	191	256	305	205	296	219	1878	375
Prosecutions issued	5	12	0	4	2	28	6	6	63	77

Environment/Climate Action/Emergency Services/Rural Broadband

2.5.3 No. of Registered Dog Breeding Establishments

Type of DBE	Carrigaline	Macroom	Cobh	East Cork	Kanturk Mallow	Fermoy	West Cork	Bandon Kinsale	Total No. of Registered Establishments as at 30/09/2022	Total 2021
Commercial Dog Breeders	0	0	0	0	3	3	2	2	10	10
Hunt/Harrier	1	4	0	3	3	5	0	4	20	20
Boarding Kennels	0	1	0	0	2	1	2	0	6	7
Charities	0	0	0	0	0	0	0	0	0	0
Total No. Establishments.	1	5	0	3	8	9	4	6	36	37

2.5.4 Approved/Registered Food Premises

Type of premises	Cork City	Carrigaline	Macroom	Cobh	East Cork	Kanturk Mallow	Fermoy	West Cork	Bandon Kinsale	Total 30/09/22	Total Year End 2021
Slaughter houses (Active)	2	1	0	0	3	1	5	9	1	22	22
Slaughter houses (Inactive)	0	0	0	0	0	2	1	3	1	7	7
Meat Manf. Premises	17	1	4	1	0	1	3	3	0	30	33
Reg'd Premises	0	0	2	2	2	2	1	1	0	10	10
Totals	19	2	6	3	5	6	10	16	2	69	72

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2.5.5 Control of Horses

Category	Carrigaline	Macroon	Cobh	East Cork	Kanturk Mallow	Fermoy	West Cork	Bandon Kinsale	Total as @ 31/12/22	Total 2021
Number of Stray Horses collected	0	2	2	0	15	0	2	0	21	24
Number Reclaimed	0	0	0	0	6	0	0	0	6	8
Number Rehomed (Rescues/Charities)	0	2	2	0	9	0	2	0	15	15
Number Euthanised at Pound	0	0	0	0	0	0	0	0	0	0
Number to Sanctuaries	0	0	0	0	0	0	0	0	0	1
No. at Pound 31/12/22	0	0	0	0	0	0	0	0	0	0
No. Aborted Trips	0	1	1	1	2	0	0	1	6	5

*Note: Total recoupment payable by DAFM to LAs for horses for collection to disposal from 1st Jan, 2015 is €375 (Circular 2 2014 - reduction of €75).

2.6 Energy Management

2.6.1 SEAI

Public bodies are required under Statutory Instrument 426 of the European Union Energy Efficiency Regulations (2014) as amended to report their energy performance annually. The system by which public bodies report their energy consumption is through the Monitoring and Reporting (M&R) system, managed by the Sustainable Energy Authority of Ireland (SEAI).

Under the National Energy Efficiency Action Plan (NEEAP), Cork County Council had an energy efficiency improvement target of 51% on 2009 energy efficiency figures by 2030.

2.6.2 Energy Efficiency Status 2030 (preliminary)

At the end of 2021, Cork County Council's energy efficiency was 25.3% better than baseline. The NEEAP target glide path presented in the current SEAI monitoring and reporting scorecard is shown in Figure 1.

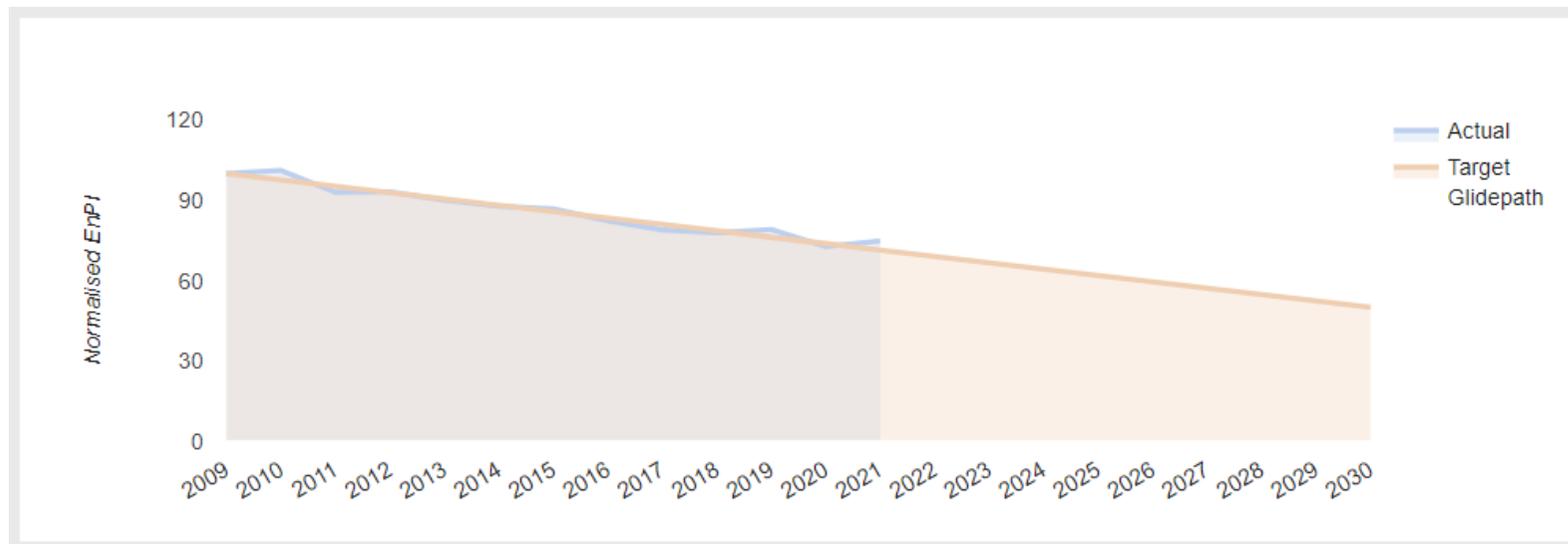


Figure 1 Cork County Council's energy efficiency performance glide path to 2030 from SEAI M&R

Environment/Climate Action/Emergency Services/Rural Broadband

The figures presented below were published by the SEAI in their Annual Report 2020 on Public Sector Energy Efficiency Performance. The major findings are as follows:

- 2.8% worse than 2020
- 25.3% better than baseline (2009)
- 49.4% improvement required by 2030

Cork County Council's 2021 scorecard is expected to be published by SEAI in October 2022.

2.6.3 Energy Management Action Plans 2022

Individual Directorates and SEUs were invited to submit Energy Management Action Plans (EMAP) for 2022. The actions for 2022 and progress to date are shown in Table 1.

Directorate	Section	Action	Comment
	Public Lighting	Public Lighting Energy Efficiency Project (RMO Project)	<i>Contracts signed 28/1/2022.</i>
Environment	Fire Stations	Millstreet/ Cobh/ Charleville – drying rooms ready	<i>Dehumidifiers on order</i>
		Mallow – insulate ceiling and walls of offices	<i>Awaiting prices</i>
	Inniscarra Env building	Replace geothermal with air-to-water heat pump/ Replace kerosene oil boilers/ LED Lighting upgrade x 4 nr . Buildings on Campus	<i>Consultants appointed- review of site has been undertaken & proposals being considered by CCC</i>
	Inniscarra Wastewater Laboratory	Replace single glazed PVC doors	<i>Action completed- doors installed</i>
	E&CC	Indoor Lighting replacement	<i>Contractor appointed; works are progressing</i>
		Building EE Audit (15 no. buildings)	<i>Desktop studies and site surveys completed, reports underway</i>
Energy Management Software (eLighthouse – Phase 3)		<i>Phase 3 Contract awarded</i>	
Roads & Transportation	Fleet Mgmt Unit	LCV EV Replacement	<i>Assessment under way to determine if all smaller vehicles can be replaced by electric vehicles (report by Oct 2022)</i>
Municipal Districts	Library Service	Fermoy – review of heating system	<i>works start date to be confirmed with contractor.</i>
		Skibbereen – windows & Retrofit of LED lights in upper floor	<i>Replacement of the existing single glaze windows</i>

Environment/Climate Action/Emergency Services/Rural Broadband

Directorate	Section	Action	Comment
		Midleton windows & roof repairs	<i>Scope of works under investigation by Architects Dept. Liaison with architect's department suggested that input from Environment Department might be sought on the feasibility of different heating systems and their value for money.</i>
		Clonakilty - Change oil fired underfloor heating to electric heating	<i>prices being sought</i>
		Bantry - Change electric underfloor heating to electric wall radiator heating & Windows	<i>Under review</i>
		Passage west – New Entrance Doors	<i>Under review</i>
		Carrigaline- Roof- under review	Contractor has visited and assessed site.
	Architects	Kinsale - Old Mill Library	<i>Works ongoing</i>
		Macroom Fire Station	<i>Works ongoing</i>
	Mallow Leisure Centre	Detail Design regarding the Upgrade of Mallow Pool including energy efficiency works such as new windows, roofing, and improved AHU's	<i>Mallow Swimming Pool has been approved by SSIP for funding for Design - A letter of Intent has been issued to Consultant. It will be 6 months before any design is complete. Funding has not been approved to go to construction – this will require further approval by the SSIP Group at a future date.</i>
	Fermoy Leisure Centre	At Tender stage for a contractor to over roof Fermoy Swimming Pool c/w the installation of Solar PV Panels	<i>Tender stage Underway</i>
	Dunmanway Leisure Centre	Main Pool Uplighters LED Replacement (Tender stage)	<i>New Tender issued as available lights not chlorine resistant</i>
		Carry out Energy Efficiency Measures as per Consultant's report	<i>Measures being carried out</i>

Table 1 2022 EMAP actions

Note the above actions are dependent on funding approval within the respective Directorate.

2.6.4 Important dates

Date	Description
26th & 27th March 2023	ISO 50001 surveillance audit

Table 2 2022 key dates

2.6.5 ISO 50001

Cork County Councils Energy Management System (EnMS) is accredited to the ISO 50001 standard. Cork County Council is therefore compliant with SI 426, which is the statutory instrument that requires all large organisations to either have completed an organisational energy audit or have implemented an approved EnMS. An ISO 50001 recertification audit was successfully completed on the 31st of March 2022.

2.6.6 Significant Energy Users (SEU)

ISO 50001 is an organisational energy management system. A requirement of the ISO 50001 accreditation is that Cork County Council continuously monitors and reports on its SEU's. Cork County Council has four nr. Significant Energy Users (SEU). Cumulatively they account for more than 80% of all energy consumption. The 2022 percentage breakdown is provided below:

- Public Lighting (33%)
- Fleet (37%)
- County Hall campus (5%)
- Leisure Centres (6%)
- Fermoy
- Mallow
- Dunmanway

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2.6.7 Energy Efficiency Status

The Energy & Climate Change Section monitor the energy consumption of each SEU monthly using Energy Performance Indicators (EnPI). The EnPI for each Significant Energy User is described as follows:

- **County Hall has two EnPIs**
 - A formula called CUSUM predicts what energy should have been used based on past performance and is adjusted for weather conditions.
 - kWh/m²/year
- **Fleet**
 - Is based on the average monthly litres/100km over the past 12 months.
- **The Swimming Pools**
 - A formula called CUSUM predicts what energy should have been used based on past performance and is adjusted for weather conditions.
 - kWh/m²/year
- **Public lighting** is calculated as the average wattage per lamp in the County. This energy performance indicator (EnPI) is reviewed annually.

The E&CC Section are currently reviewing the appropriateness of these EnPIs as part of CCC ISO 50001 compliance. New or additional EnPIs may be agreed with the relevant SEUs as part of this review process where required. Monthly EnPIs for 2021/ 2022 are presented in Figure 2 hereunder:

SEU Energy Performance Indicators (EnPI)											
		County Hall		Mallow Pool		Fermoy Pool		Dunmanway Pool		Fleet	Public Lighting
Heating Degree Days	Monthly Actual Gas v Predicted Gas use (above/below baseline of 0%)	Total Energy kWh/m ² /year (rolling 12 monthly EnPI)	Monthly Actual Energy Use v Predicted Energy Use (above/below baseline of 0%)	Total Energy kWh/m ² /year (rolling 12 monthly EnPI)	Monthly Actual Energy Use v Predicted Energy Use (above/below baseline of 0%)	Total Energy kWh/m ² /year (rolling 12 monthly EnPI)	Monthly Actual Gas v Predicted Gas use (above/below baseline of 0%)	Total Energy kWh/m ² /year (rolling 12 monthly EnPI)	Litres/ 100km/ year (rolling 12 monthly EnPI)	Watts/ lamp	
									16.84	101.50	
									17.52	105.56	
									18.19	109.62	
Jan-22	271	-6%	112	-14%	653	97%	848	-16%	620	16.68	102.94
Feb-22	229	10%	111	2%	703	71%	856	-52%	633	16.79	102.80
Mar-22	257	3%	111	13%	761	36%	866	-35%	670	16.99	102.76
Apr-22	201	11%	112	11%	817	59%	871	-51%	692	17.12	102.64
May-22	113	10%	112	10%	866	21%	909	-22%	731	17.00	101.91
Jun-22	81	No space heating	112	4%	884	40%	914	-64%	711	17.20	101.93
Jul-22	30	No space heating	113	0%	909	37%	915	-35%	685	17.02	

Figure 2 SEU Monthly Energy Performance Indicators

2.7 Green Schools Programme

54 schools in Cork County were awarded with Green Flags in a virtual awards ceremony on 25th May 2022. In total, 641 schools were awarded flags across the country. A special mention this year goes to Muinefliuch National School who was selected as the winner of the Overall Global Citizenship Litter & Waste award.

School Name	School Type	Current Flag	Theme
Knocknagree NS	Primary School	First Flag	Litter and Waste
Ahiohill National School	Primary School	First Flag	Litter and Waste
Coláiste Fionnchua	Secondary School	First Flag	Litter and Waste
Scoil Bhride	Primary School	5th Renewal	Litter and Waste
Bandon Grammar School	Secondary School	2nd Renewal	Water
Conna N.S	Primary School	2nd Renewal	Water
Boherbue N.S	Primary School	2nd Renewal	Water
Cloughduv National School	Primary School	2nd Renewal	Water
Dunderrow National School	Primary School	1st Renewal	Water
Hamilton High School	Secondary School	1st Renewal	Water
Scoil Mhuire Araglin	Primary School	1st Renewal	Water
Burnfort National School	Primary School	3rd Renewal	Travel
Convent of Mercy Primary School	Primary School	4th Renewal	Travel
Killavullen N.S	Primary School	3rd Renewal	Travel
Midleton College	Secondary School	3rd Renewal	Travel
Scoil Mhuire na nGrást	Primary School	4th Renewal	Travel
Scoil Realt Na Mara	Primary School	2nd Renewal	Travel
St. Colman's B.N.S	Primary School	4th Renewal	Travel
Whitegate Mixed National School	Primary School	3rd Renewal	Travel
Ardagh B.N.S	Primary School	4th Renewal	Biodiversity
Bandonbridge N.S	Primary School	4th Renewal	Biodiversity
Ballygiblin National School	Primary School	4th Renewal	Biodiversity
Carraignafof Community College	Secondary School	4th Renewal	Biodiversity
Carriganima National School	Primary School	4th Renewal	Biodiversity
Castletownroche N.S	Primary School	4th Renewal	Biodiversity
Curraghagalla National School	Primary School	4th Renewal	Biodiversity
Dromahane N.S	Primary School	5th Renewal	Biodiversity

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School Name	School Type	Current Flag	Theme
Giggles Childcare Services Ltd	Pre-School	4th Renewal	Biodiversity
Kilbrittain N.S	Primary School	4th Renewal	Biodiversity
Meelin N.S	Primary School	4th Renewal	Biodiversity
Shanballymore N.S	Primary School	4th Renewal	Biodiversity
St. Brendan's N.S	Primary School	4th Renewal	Biodiversity
Timoleague National School	Primary School	4th Renewal	Biodiversity
Castlelack N.S	Primary School	5th Renewal	GC Litter and Waste
Drinagh N.S	Primary School	5th Renewal	GC Litter and Waste
Glenville N.S	Primary School	5th Renewal	GC Litter and Waste
Kilcoe N.S	Primary School	5th Renewal	GC Litter and Waste
Muinefluich N.S	Primary School	5th Renewal	GC Litter and Waste
Ringaskiddy Lower Harbour N.S	Primary School	5th Renewal	GC Litter and Waste
S.N Bhorainn	Primary School	5th Renewal	GC Litter and Waste
Scoil an Chroí Ró Naofa	Primary School	5th Renewal	GC Litter and Waste
Scoil Bhríde	Primary School	5th Renewal	GC Litter and Waste
Scoil Eoin Naofa	Primary School	6th Renewal	GC Litter and Waste
Scoil na mBuachaillí	Primary School	5th Renewal	GC Litter and Waste
St. Multose N.S	Primary School	5th Renewal	GC Litter and Waste
Bright Sparks	Pre-School	6th Renewal	GC Energy
Knockskeagh N.S	Primary School	6th Renewal	GC Energy
Newmarket Boys N.S	Primary School	6th Renewal	GC Energy
Our Lady of Mercy N.S	Primary School	6th Renewal	GC Energy
St. Patrick's B.N.S	Primary School	6th Renewal	GC Energy
St. Joseph's Infant School	Primary School	7th Renewal	GC Marine
St. Mary's N.S	Primary School	7th Renewal	GC Marine
Walterstown NS	Primary School	7th Renewal	GC Marine
Gaelscoil De hIde	Primary School	8th Renewal	GC Travel

An Taisce who deliver the Green Schools programme on council's behalf have commenced engagement with schools on the 2022/2023 programme

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