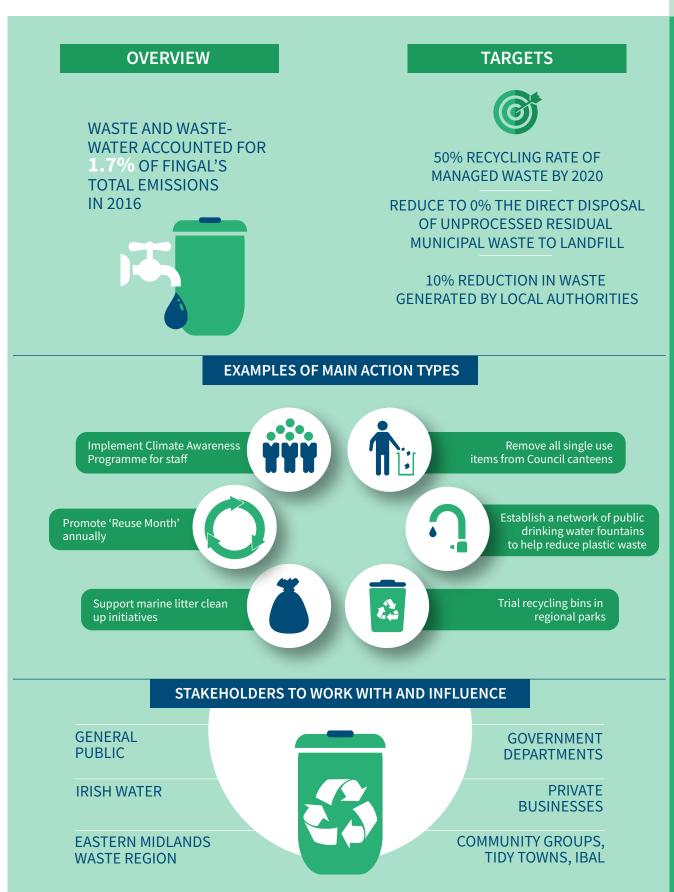
RESOURCE MANAGEMENT



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The Waste Management Plan for the Eastern-Midlands Region is the framework for the prevention and management of wastes in a safe and sustainable manner. The scope of the waste plan is broad and ultimately it provides policy direction, setting out what we want to achieve and a roadmap of actions to get us there. The waste management plan is a statutory document prepared by the local authorities of the region and it covers the period from 2015 to 2021, after which time it will be revised or replaced.

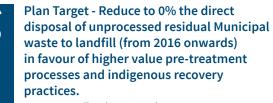
- Eastern Midlands Regional Waste Management Plan (2015-2021)

The Eastern Midlands Waste Regional Office (EMWRO) is responsible for the implementation of the region's Waste Management Plan. The EMWRO is managed by Dublin City Council, as the lead authority for the waste region. Its role includes the following:

- Providing education and advice to households and communities to empower them to reduce, reuse and recycle
- Working hand-in-hand with local authorities to achieve waste prevention and resource efficiency targets
- Working with businesses to rethink their approach to waste management, by viewing our waste as valuable material resources
- Providing education and advice to households and communities to empower them to reduce, reuse and recycle
- Partnering with a range of stakeholders including local authorities, government bodies, waste industry operators, environmental organisations, reuse organisations, research institutions and so on, to research and devise sustainable solutions for specific waste streams

FCC is working to reduce the production of waste and protect the environment from contamination by hazardous waste materials and general litter.

WASTE MANAGEMENT



- Eastern Midlands Regional Waste Management Plan (2015-2021)

FCC will introduce a comprehensive waste prevention and recycling programme within the Council, and will strive to reduce consumption and the waste produced in FCC's buildings and operations. Central to preventing the production of waste is changing the procurement of products used in Council buildings and operations. A priority for FCC is to review procurement procedures and identify opportunities to source locally-sourced, environmentally-friendly products for use in its operations. This will be further strengthened by the recent announcement by the government that all public bodies will not purchase single-use plastic beverage cups, cutlery and drinking straws after the 31st of March 2019 and will be required to report to its respective Minister by the end of November 2019 on the measures it is taking to minimise waste generation and maximise recycling.

Conscious Cup Campaign - Citizen Led Initiatives

CASE STUD

The Conscious Cup Campaign (CCC) aims partnership between VOICE and the Eastern Midlands Waste Regional Office. By signing up to the movement, organisations agree to offer incentives to customers for bringing their or a free treat. Fingal County Council has been actively promoting this initiative by working with the other Dublin Local Authorities to carry out an advertising campaign (e.g. radio campaign, cinema ads) to encourage reusable



Illegal Dumping SBIR Challenge

Fingal County Council is part of the Smart Dublin programme, which, in partnership with Enterprise Ireland, launched the Small Business Innovation Research (SBIR) Illegal Dumping Challenge in April 2017 to find low-cost, innovative solutions to tackle this ongoing problem in urban and rural areas. Six companies received €12,500 in Phase 1, and four of these companies were then awarded additional funding of €130,000 to trial their solutions, which include:

- Integrating existing data to provide better insights and allow Councils to make datadriven decisions
- Using drone technology and a network of licenced pilots to identify and geo-tag litter in rural areas of Dublin
- Using low-cost, low-powered camera and monitoring systems to capture, report and deter illegal dumping in both urban and rural areas

WATER CONSERVATION

While the Dublin Region has an abundance of water, this however, does not equate to treated water suitable for drinking. As demonstrated with extreme weather events in 2018, there are challenges with water supply and delivery in Ireland. While FCC is no longer responsible for water delivery, FCC will work with Irish Water to ensure that people have security of supply. As such, actions in this plan are also focused on public education around conservation and protection of this valuable resource.

FCC will also lead the way with measures to reduce water consumption in Council buildings; for example, the installation of sensors on all taps and researching the feasibility of using grey water for toilets.

LITTER & RECYCLING IN THE PUBLIC REALM

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Plan Target – Achieve a Recycling Rate of 50% of Managed Municipal Waste by 2020. - Eastern-Midlands Regional Waste Management Plan (2015-2021)

Part of reducing waste is encouraging people to recycle. FCC is planning to expand the availability of recycling infrastructure, such as Bring Centres across the County, to reduce the amount of recyclable materials that go to landfill. FCC is also actively working with the Eastern Midlands Regional Waste (EMRW) team to inform people about what they can and cannot recycle.



Recycling Ambassador Programme

Fingal County Council supported the Recycling Ambassador Programme, which was a VOICE initiative funded by the Department of Communications, Climate Action and Environment (DCCAE) and REPAK. The programme also partnered with the Regional Waste Management Offices with the aim to improve Ireland's recycling rates and reduce levels of contamination in household recycling bins. Many people have become confused about what can and cannot be recycled. VOICE Ireland's Recycling Ambassador Programme showed what can be recycled in the household bin based on the new nationally agreed recycling list.

Highlights:

- 650 workshops throughout the country led by trained Recycling Ambassadors, who educated, supported and encouraged the public to recycle more effectively
- 30 ambassadors across the country

RESOURCE MANAGEMENT

NO ACTION

TIM

TIMEFRAME LEAD DEPT(S) INDICATORS

TARGET(S) IMPACTED

ACTIONS CURRENTLY BUDGETED

PROCUREMENT 1 Implement green procurement 2019 Corporate Green procurement where feasible, starting with implemented office consumables 2 Implement green procurement at 2019 Economic & Green procurement Council supported events where Tourism implemented at events feasible, including reduction of single use plastics WASTE MANAGEMENT 3 Implement Environmental 2019 Facilities **EMS** implemented Management / Management System for Council buildings including reduction Environment in waste and water usage, and increased recycling Facilities 4 Remove all single use items from 2018 onwards 100% removal Council canteens Management Apply for Local Authority Waste # of grants for waste-5 Ongoing Water Services Prevention Network grants and Environment related projects 6 Promote Conscious Cup Ongoing Water Services # of activities, # of people and Environment, reached Campaign Communications 7 Promote 'Reuse Month' annually Water Services # of Council events Ongoing and Environment, Communications Promote recycling centres and Operations / Tonnage of materials 8 Ongoing expand the range of materials Environment accepted accepted where possible LITTER & RECYCLING IN THE PUBLIC REALM Trial recycling bins in regional # of bins 9 2019 Operations parks 10 Implement a programme for 2019 Operations # of bins the installation of big belly bins across the County to reduce collection frequencies and emissions Support and promote the Water Services # of initiatives supported by 11 Ongoing inclusion of climate change and Environment the Council each year initiatives in tidy town, green schools and cleaner communities Support marine litter clean-up Environment / # of initiatives supported by 12 Ongoing initiatives Operations the Council each year Explore collaboration with Refill. 2019 Water Services 13 Feasibility assessed ie to reduce single use drinking and Environment water bottles LANDFILL MANAGEMENT Maintain landfill gas collection Water Services Zero GHG emissions by 14 Ongoing

and Environment

2030

GHG

and reuse system at Dunsink and

Balleally Landfill



NO	ACTION	TIMEFRAME	LEAD DEPT(S)	INDICATORS	TARGET(S) IMPACTED
15	Look at feasibility of planting trees on Dunsink Landfill	2019	Water Services and Environment	Systems maintained	Снс
WATER CONSERVATION					
16	Provide a water butt retrofit programme for Council owned housing on a cost benefit basis, starting with voids and tenant changeovers	2019	Housing	# of water butts installed	
17	Assess the feasibility of including rainwater harvesting on all new Fingal public, operational and social buildings and provide where viable and appropriate	Ongoing	All Departments / Architects	# assessed and provided	
18	Incorporate low flush toilets into Council buildings, depots and housing, in line with refurbishment programmes	2019-2020	Facilities Management	# of low flush toilets incorporated in Council buildings, depots and housing	
AWARENESS					
19	Develop and implement an ongoing public Climate Awareness Programme	2019 onwards	Climate Action / Comms / CARO	Programme implemented	
20	Implement a Climate Awareness Programme for staff	Ongoing	HR / Comms / Climate Action	Programme implemented	
21	Develop and implement a Climate Change Awareness Grant Programme for schools and communities	2019 onwards	Climate Action	Programme implemented	
22	As part of an emerging 'Green City' concept to produce <i>A Guide to</i> <i>Sustainable Business in Swords</i>	2020	Economics & Tourism	Guide produced	
23	Expand tenant induction programme to include tenant energy, water, waste and environmental awareness	Ongoing	Housing, Water Services and Environment, Architects	# of tenants reached	
ACTIONS AWAITING BUDGET					
		0010 0001	0		

24 Establish a network of public drinking 2019-2024 Operations *# of points installed* water fountains to help reduce plastic waste Facilities 25 Examine the feasibility of retrofitting 2019-2020 Feasibility study rainwater harvesting measures in Management / complete existing Council buildings, particularly for vehicle washing, toilet flushing and Architects landscaping

EXAMPLES OF RELEVANT LEGISLATION/POLICIES/GUIDANCE

Climate Action and Low Carbon Development Act 2015

- Directive 2008/98/EC on Waste (Waste Framework Directive)
- Fingal Development Plan 2017-2023 (Objectives WM05
- Eastern-Midlands Regional Waste Plan (Policies B.4.3; C.1.1; C.1.3)
- Water Services Strategic Plan (2015)