



RESOURCE MANAGEMENT



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OVERVIEW

WASTE AND WASTE-WATER ACCOUNTED FOR **1.7%** OF SOUTH DUBLIN'S TOTAL EMISSIONS IN 2016



TARGETS



50% RECYCLING RATE OF MANAGED WASTE BY 2020

REDUCE TO 0% THE DIRECT DISPOSAL OF UNPROCESSED RESIDUAL MUNICIPAL WASTE TO LANDFILL

10% REDUCTION IN WASTE GENERATED BY LOCAL AUTHORITIES

EXAMPLES OF MAIN ACTION TYPES

Encouraging Council staff and local residents to prevent and reduce waste



Running anti-dumping and anti-litter campaigns for general public

Developing pilot projects for recycling



Trialling smart solutions for illegal dumping

Creating food waste campaign for schools



Supporting local tidy town initiatives

STAKEHOLDERS TO WORK WITH AND INFLUENCE

GENERAL PUBLIC

IRISH WATER

EASTERN MIDLANDS WASTE REGION

GOVERNMENT DEPARTMENTS

PRIVATE BUSINESSES

COMMUNITY GROUPS, TIDY TOWNS, IBAL



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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 needs to provide 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)

In partnership with the Eastern-Midlands Waste Region, the Dublin Local Authorities develop and implement the policies and actions laid out in the Waste Management Plan for the Eastern-Midlands Region. This plan serves as the framework for the prevention and management of waste in a safe and sustainable manner.

On a local level, SDCC is working to reduce the production of waste and protect the environment from contamination of hazardous waste materials and general litter.

WASTE MANAGEMENT

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Plan Target - Reduce to 0% the direct disposal of unprocessed residual Municipal waste to landfill (from 2016 onwards) in favour of higher value pre-treatment processes and indigenous recovery practices.

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

SDCC will introduce a comprehensive waste prevention and recycling programme within the Council to reduce consumption and waste produced in the Council's buildings and operations. A priority for SDCC is to review procurement procedures and identify opportunities to source local, environmentally-friendly products to use in its operations. For example, SDCC is committed to reducing the use of disposable cups by supporting the Conscious Cup Campaign and encouraging staff to use reusable cups. 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 their respective Minister by the end of November 2019 on the measures they are taking to minimise waste generation and maximise recycling.

CASE STUDY



Photo Source: Goran Ivas / Unsplash

Conscious Cup Campaign - Citizen Led Initiatives

The Conscious Cup Campaign (CCC) aims to reduce the use of disposable cups in organisations around the country, and is a partnership between Voice of Irish Concern for the Environment (VOICE) and the Eastern-Midlands Waste Regional Office. South Dublin County Council has been actively promoting this initiative and introduced the campaign into Café Coco in County Hall in February 2017, where customers using a reusable cup can avail of a 10 cent discount. SDCC is also encouraging all cafés in the area to participate in the campaign, and also facilitated a meeting with the CCC and the local Tidy Towns Network, in order to boost engagement locally. Also, as part of the Local Authority Prevention Network (LAPN), SDCC has made a submission to the Department of Communications, Climate Action and Environment in relation to the proposed introduction of a levy on disposable cups. In June 2018, SDCC partnered with Dublin City Council, Fingal County Council and the EPA to launch the 'Don't be Dick' campaign, which highlighted how careless actions can have serious consequences on the environment, and encouraged consumers to think about their coffee drinking habits in a new way. The campaign ran for three weeks across radio, Dublin Bus, cinema, digital and social media channels.



CASE STUDY

Illegal Dumping SBIR Challenge

South Dublin 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 data-driven 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.

LITTER & RECYCLING IN THE PUBLIC REALM**Waste Management 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. SDCC is planning to expand the availability of recycling infrastructure to reduce the amount of recyclable materials that go to landfill. SDCC is also actively working with the Eastern-Midlands Regional Waste team to inform people about what they can and cannot recycle.

CASE STUDY

**Recycling Ambassador Programme**

South Dublin County Council supported the Recycling Ambassador Programme, which was a VOICE initiative funded by the Department of Communications, Climate Action and Environment (DCCA) 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 in the recycling bins. 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, which educated, supported and encouraged the public to recycle more effectively
- 30 ambassadors across the country

WATER CONSERVATION

Whilst the Dublin Region has an abundance of water, it does not equate to treated water suitable for drinking. As demonstrated in the aftermath of Storm Emma and the Beast from the East, there are challenges with water supply and delivery in the County. While the Council is no longer responsible for water delivery, it 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.



RESOURCE MANAGEMENT

NO	ACTION	TIMEFRAME	LEAD DEPT(S)	INDICATORS	TARGET(S) IMPACTED
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ACTIONS CURRENTLY BUDGETED





WASTE MANAGEMENT

R1	Monitor and enforce waste regulation	Ongoing	Environment, Water and Climate Change	Environmental Performance Assessment from EPA	
R2	Introduce measures to reduce waste in Council buildings	Ongoing	Architects Department	10% reduction in waste in Council HQ buildings by 2021	
R3	Introduce measures to increase recycling in Council buildings	Ongoing	Environmental Awareness, Communications and Architects Department	% recycling rate	
R4	Civic amenity waste stations	Ongoing	Waste Management Section	# of civic amenity sites that include reuse	
R5	Apply for Local Authority Prevention Network grants	Ongoing	Environmental Awareness, Communications	# of grants for waste related projects	
R6	Create Stop Food Waste campaign for businesses and schools	Ongoing	Environmental Awareness, Communications, LEO	Campaign developed and implemented, # of people, businesses and schools engaged	
R7	Promote Eco-Week	Ongoing	Environmental Awareness	# of events held, # of people reached	
R8	Promote Re-Use Month annually	Ongoing	Environmental Awareness, Communications	# of Council run events	
R9	Promote programmes to advise businesses on reducing waste, e.g. EcoMerit	Ongoing	Environmental Awareness, Communications, LEO	# of businesses participating	
R10	Eliminate single-use plastics at Council organised events	Ongoing	Environmental Awareness, Communications	Reduction in non-recyclable / non-compostable material used at events	
R11	Ongoing support of the Conscious Cup Campaign / promotion of reusables over disposables	Ongoing	Environmental Awareness	# of buildings in SDCC supporting CCC, # of staff using reusable mugs	
R12	Ongoing support of the Small Business Innovation Research (SBIR) challenge for illegal dumping	Ongoing	Smart Dublin	Trialled solution	


LITTER & RECYCLING IN THE PUBLIC REALM

R13	Run anti-dumping/anti-litter campaigns	Ongoing	Environmental Awareness, Communications	# of campaigns implemented	
R14	Waste Prevention Fund	Ongoing	Environmental Awareness, Communications	# of programmes implemented	
R15	Introduce measures to reduce waste and increase recycling	Ongoing	Waste Management Section	Reduced waste tonnage and increased rates of recycling	
R16	Provide more glass recycling in public realm	Ongoing	Waste Management Section	Areas of need identified, # of glass banks added	









NO	ACTION	TIMEFRAME	LEAD DEPT(S)	INDICATORS	TARGET(S) IMPACTED
R17	Introduce leaf composting programme	Ongoing	Public Realm, Environmental Awareness, Communications	# of residents' associations participating	 
R18	Support and promote tidy towns initiatives in County	Ongoing	Community, Environmental Awareness, Communications	# of initiatives supported annually	 









LANDFILL MANAGEMENT

R19	Examine the potential of Arthurstown Landfill for development of green energy uses	Ongoing	Architects, EWCC, Codema	Zero GHG emissions by 2030	
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WATER CONSERVATION

R20	Implement water conservation campaign in civic buildings	Ongoing	Environmental Awareness, Communications	% reduction in water consumed	 
R21	Identify pilot locations for water access points	2019	Environment and Transportation	Sites identified	 
R22	The Council will work with the Local Authority Waters Programme in its support of communities and stakeholders in the delivery of local water quality projects and initiatives	2020	Environment and Transportation	# of projects delivered	 

ACTIONS AWAITING BUDGET

R23	<i>Trial of low-flush toilets in Council headquarters and social housing</i>	2019	Architects	<i># of Council buildings and social housing units with low flush toilets</i>	
R24	<i>Research feasibility of rainwater harvesting in Council buildings</i>	2019	Architects	<i>Study completed</i>	
R25	<i>Promote recycling and the circular economy to householders through a range of workshops, talks and programmes</i>	2020	Environmental Awareness, Communications	<i># of events</i>	 
R26	<i>Explore collaboration with stakeholders such as Refill.ie to reduce single-use items</i>	2020	Environmental Awareness, Communications	<i># of collaborations established</i>	 
R27	<i>The Council will strengthen existing networks and create new climate change links to encourage all business community stakeholders to engage with climate change action and enhance existing projects and initiatives. Interest areas could include energy efficiency measures, renewable energy opportunities, climate adaptation and resilience measures, access to funding sources, etc.</i>	Ongoing	Environmental Awareness, Communications	<i># of updated network material</i>	 

EXAMPLES OF RELEVANT LEGISLATION/POLICIES/GUIDANCE

- Climate Action and Low Carbon Development Act 2015
- Directive 2008/98/EC on Waste (Waste Framework Directive)
- Eastern-Midlands Regional Waste Plan (Policies B.2.4; B.4.3; C.1.1; C.1.3; C.5.1; D.3.1; E3)

- South Dublin County Council Development Plan 2016 -2022 (Policies SIO5; SI19)
- South Dublin County Local Economic and Community Plan (LECP) 2016 – 2021
- Water Services Strategic Plan (2015)