



Kilkenny
County Council

LITTER MANAGEMENT PLAN

2018-2020



TABLE OF CONTENTS

1.0 Introduction	P.3
2.0 Legal Requirements under the Litter Pollution Act, 1997-2009	P.4
3.0 Prevention and Control Actions (Street Cleaning, Litter P.5 Prevention & Litter Enforcement, Education & Awareness)	P.5
4.0 Financial Supports	P.15
5.0 Monitoring and Reporting	P.17

Appendices

Appendix 1 Temporary Signage Policy Summary

Appendix 2 Measures undertaken to promote Anti-Litter Education and Awareness 2015- 2017

Appendix 3 Measures undertaken to promote Litter Enforcement 2015-2017 **Appendix 4** Kilkenny County Council Recycling Facilities

List of Tables

Table 3.1 Street Cleaning Actions

Table 3.2 Litter Prevention Actions (In-House)

Table 3.3 Litter Prevention Actions (Community Focus) **Table 3.4** Enforcement Actions

Table 3.5 Youth Education Activities **Table 3.6** Wider Community Actions **Table 4.1** Litter Budget 2016

VISION STATEMENT

A clean, litter free environment supports a sustainable society and economy. Kilkenny has a positive reputation nationally as reflected in our numerous recent environment awards and accolades, which include winning the overall national tidy town award in 2014 and the “cleaner than EU norms” standard achieved in the Irish Business against Litter League (IBAL) since 2012. That said, the Council is not complacent and has the desire to further enhance this reputation by building on our previous success and set ambitious targets to tackle issues that could impact our environmental reputation.

Kilkenny County Council will lead but it is depending on our networks of businesses, communities and education providers to join us to promote our anti litter message. We must unite to tackle the few that jeopardize our reputation by being irresponsible through such acts as tossing litter from a moving vehicle to abandoning black bags of rubbish on a roadside.

The Litter Management Plan aligns with the vision set out in the Council’s Corporate Plan 2014-2019 and while Kilkenny County Council must meet its obligations regarding litter control under the Litter Pollution Act, the Council will go beyond its statutory functions to continue Kilkenny’s reputation of a clean environment. We will do this by pursuing the implementation of the 37 actions detailed in this plan.

Cllr David Fitzgerald
Cathaoirleach of Kilkenny County Council



Regional Anti Litter Roadside Campaign (2016)

1.0 INTRODUCTION

The Litter Management Plan is a legal requirement under the Litter Pollution Act, 1997-2009 and the Council must review the plan every three years. This plan is structured under three headings; litter prevention and control, enforcement and education.

The Litter prevention & control section covers all activities undertaken both by the Council and voluntary groups to prevent litter occurring and actions taken to limit litter.

The enforcement section details a set of actions to pursue a small section of society that lacks personal responsibility regarding litter and waste management. This section also outlines the advancements required in the plan period to consolidate enforcement activities and to produce more litter fines and prosecutions as the current level of enforcement activity is not reflective in the number of litter fines issued and the number of prosecutions secured.

The education & awareness section describes the level of public participation and interaction between the Council and different groups in the county. It outlines the actions required to continue school interactions via the green schools programme, the types of litter campaigns required to keep litter in the public profile, and the support required to assist tidy towns groups as the Council acknowledges the huge role volunteers play in keeping their local areas free of litter.

Litter related expenditure incurred by Kilkenny County Council for 2016 was €1,293,500 with 80% attributed to street cleaning services. As with all plans, the actions outlined in this document will require financial support and new initiatives will require additional financial resources. As the Council operates within budgetary constraints, decisions may be made to prioritise actions in times of financial pressure.

The actions of the Litter Management Plan will be reviewed annually and presented to the Council by the end of Q1 in each year. In addition, a separate implementation plan will be prepared and circulated to all relevant Council departments and an update will be provided to the elected members every July to keep them informed on litter related activities occurring within their municipal district area. Enforcement activities will be reported to the regional enforcement division as well as to the Environmental Protection Agency (EPA).



2.0 LEGAL REQUIREMENTS UNDER THE LITTER POLLUTION ACT, 1997-2009

The Litter Management Plan is a written statement on the objectives to achieve litter control in County Kilkenny over the next three years.

It is a requirement of the Litter Pollution Act, 1997-2009 and is a reserved function, which means the elected members of the Council must adopt the Plan.

In the Plan, the Council must;

- Specify objectives deemed appropriate to prevent and control litter
- Specify measures to encourage public awareness with a view to eliminating litter pollution, including educational and information measures directed at young persons
- Specify the measures or arrangements that are to be undertaken by the local authority in order to attain the objectives of the plan, and include information on, or be formulated having regard to—
 - I. an appraisal of all existing litter prevention and control programmes being operated by the local authority
 - II. the policies and objectives of the local authority in relation to the prevention and control of litter
 - III. the measures which, in so far as the local authority can determine, will or may be taken during the relevant period by persons other than the local authority for the purposes of preventing and controlling litter
 - IV. the facilities at which waste may be deposited by members of the public for recovery or disposal within the meaning of the Waste Management Act, 1996
 - V. the steps to be taken by the local authority to enforce the provisions of this Act in its functional area, and any incidental and ancillary matters.
- A litter management plan may specify objectives to be attained in litter prevention and cleanliness for designated areas within its functional area
- In making or reviewing a litter management plan, the local authority shall have regard to the proper planning and development of its functional area
- Where objectives referred to in subsection (2) are specified in a litter management plan, the local authority shall take such steps as it deems appropriate and necessary to attain the objectives.



Bin Your Gum Awareness Campaign (2016)



3.0 PREVENTION AND CONTROL ACTIONS

(STREET CLEANING, LITTER PREVENTION & LITTER ENFORCEMENT)

Street Cleaning

An intensive street cleaning schedule exists for Kilkenny City and municipal district areas covering Castlecomer, Callan, Piltown & Thomastown. In 2016, the street cleaning (road sweepers operations) accounted for 80% of total litter control expenditure.



New sweepers for Callan, Castlecomer, Graigueanamanagh & Thomastown arrived in 2016 following a procurement process run in conjunction with the Office of Government Procurement.

Table 3.1 Street Cleaning Actions

Action No.	Description	Expected Completion Date
SC1	Continue Kilkenny City 7 day street cleaning service including litter bin maintenance	On-going
SC2	Continue the Kilkenny City 3 day week street washing program on the Parade, Canal Square, St. Canice's Steps, St. Mary's Steps, Butter Slip. Maintain chewing gum removal programme & expand if necessary	On-going
SC3	Retain stewardship of the castle parade and canal walk in Kilkenny City by the public realm warden	On-going
SC4	Review Street Sweeper schedule annually set for the city environs and municipal districts to assess if it meets the needs of the county	Annually
SC5	Introduce a waste management protocol for all street sweeper operators	Q1 2018
SC6	"Assess the potential deployment of a road sweeper retrofitted to service national and regional roads with the capability to pick litter via a long arm suction device"	Q1 2018
SC7	Co ordinate outdoor staff schedules with external parties (community schemes) to maximise litter control activities over a weekly basis in municipal districts	Q1/Q2 2018

Litter Prevention

Litter prevention covers a number of elements. It includes the provision of permanent structures like street litter bins and dog bag dispensers, along with the integration of better working practices within the Council and supporting communities that complete litter prevention activities in their own locality. Some rural communities take on responsibilities of litter prevention where the Council resources are limited and their needs to be addressed during the plan period.

Table 3.2 Litter Prevention Actions (In-House)

"Action No."	Description	"Expected Completion Date"
LP1	Technical Council staff preparing all tenders for ground works will have regard for litter control pre and post ground works	On-going
LP2	Parks Department to integrate litter control measures into all tenders regarding grass cutting	On-going
LP3	Review the internal co-ordination of the issuing of temporary signage licences to improve efficiencies both regarding the granting of licences and issuing of fines. (Ref. Appendix 1 for summary of temporary signage policy)	On-going
LP4	Review number, use & locations of current dog fouling bag dispensers. Determine if the pilot Urlingford dog fouling bin project is suitable to be rolled out elsewhere where street bins are infrequent.	2018
LP5	Review the number, condition and location of existing street litter bins county wide & establish a multi annual capital programme to fund a county wide litter bin upgrade schedule	2018-2020
LP6	Establish a multi annual capital programme to fund the re-branding of the bottle bank network to improve their aesthetics.	2019
LP7	Review capacity of bottle bank locations and seek out new sites in areas which lack facilities currently	2018/2019
LP8	The Environment Section to continue to develop and promote campaigns to discourage single use items like disposable coffee cups and water bottles. Ref. Appendix 2 for a sample of waste prevention projects.	On-going
LP9	Investigate the potential use of technology like bin sensors to assist in identifying problem areas	2019



Urlingford NS Pupils Assisting the Launch of the Anti-Dog Fouling Project

Urlingford Anti Dog Fouling Project March 2016

Community representatives came together to decrease the incidences of dog fouling in their town. They manufactured their own unique dog fouling boxes and partnered with Kilkenny County Council to install them along amenity walking routes. This was coupled with a local awareness campaign involving the local primary school and included anti dog fouling messages stencilled on to pavements at known dog fouling hot spots.

Supporting Policy

- New litter bin locations will be only considered after a fully financed capital maintenance programme is put in place and after all existing litter bins requiring upgrading is completed.
- Replacement litter bins to have small portholes with an appropriate lid.
- Litter bins present in older housing estates will be phased out when they become no longer fit for purpose.
- The Environment Section will continue to work with the Southern Waste Regional Office and the EPA's Local Authority Waste Prevention Network (LAPN) to develop programmes to decrease single use items that can become strewn litter.
- The Council will determine the communities that require more practical support to consolidate community's litter control activities.
- Dog bag dispensers will be considered in high footfall amenity areas where litter bins are present.
- Throughout the period of the plan, advances in technology will be reviewed to determine if emerging technology can be deployed to assist the Council in litter prevention.



Table 3.3 Litter Prevention Actions (Community Focus)

Action No.	Description	Expected Completion Date
LP10	Assess the needs of communities to ensure they are provided with sufficient resources especially in rural areas	Q2 2018
LP11	Encourage more volunteers to litter pick locally & provide necessary supports. National Spring Clean participation is stagnant in recent years at 120 registrations and a target to increase participation by 10% annually is proposed over the period of the plan.	2018-2019
LP12	Assess the function of the Tidy Towns forum in order to meet the needs of voluntary groups who participate in the national competition	2018-2019
LP13	Review the use of anti littering stencils countywide and pilot a community stencil project, permitting selected groups to administer stencils in their own area. The project outcome is to devise suitable guidelines for communities to use the stencils as part of locally promoted anti dog fouling campaigns into the future	2018
LP14	Continue the development of education tools and activities within the educational and awareness unit to encourage the younger generation to respect their environment and keep areas litter free	2018-2020

Supporting Policy

- The public must be responsible for their litter, should there not be a bin available; litter should be brought home for disposal. Dog walkers must be prepared and bring a bag and dispose of it responsibly, either in a street bin or in their own bin when they reach home.
- The green school programme will continue to receive support from the Council and all schools will be offered educational supports regardless of their green flag status to encourage children to respect their local environment.
- The Council will continue to appreciate the level of volunteer work completed in local areas to combat litter and will support local communities with practical measures to assist their volunteer work.



National Spring Clean Launch (2017)

Litter Enforcement

There is a dedicated enforcement team to deal with litter and waste management issues. Their duties are reported annually to the Environment Protection Agency (EPA) by the submission of the Recommended Minimum Criteria for Environmental Inspection (RMCEI) Plan. Refer to Appendix 3 to review enforcement projects completed in the last plan period.

Illegal Dumping Initiative Project 2017

Funded by the Department of Communications, Climate Action & Environment, Kilkenny County Council received an allocation of €25,562 to help target a series of black spots in rural and urban areas, resulting in 63 recorded incidences which were pursued to secure litter fines and prosecutions. This targeted approach yielded better results and new techniques deployed will be used in the future. Below is a sample advert which featured in local papers to highlight the initiative. (Munster Express Oct. 2017)



In 2016, there were over 700 routine litter inspections in both the city and county in addition to 200 routine bottle bank inspections and 15 bank ATM surveys. In addition to routine inspections, the Environment section completes non routine inspections from environmental complaints made by the public. The staffing of the enforcement team was reviewed under the Council's work force plan in 2017 and staffing levels have strengthened in 2018.

The public can make a complaint by phoning the Council's dedicated litter line 1800-200- 156; alternatively, complaints can be emailed to litter@kilkennycoco.ie. The Council cannot investigate complaints that are reported via social media as details of the complaint are usually incomplete. Kilkenny County Council works in partnership with the national hotline number (1850 365 121) operated by the EPA and their mobile app "See Something, Say Something". Every complaint logged on these platforms must be investigated within three weeks.

In 2016, 768 public complaints recorded in the Environment Section were litter related. All complaints are investigated by our enforcement team. Illegal dumping incidences on public land are subsequently cleaned.

In 2016, 23 litter fines were issued. This relatively low number of fines grossly under represents the level of work completed by the enforcement team. The lack of evidence to identify offenders is the greatest barrier to successful prosecutions. No prosecutions were secured in 2016. The lack of positive enforcement outcomes needs to be addressed.

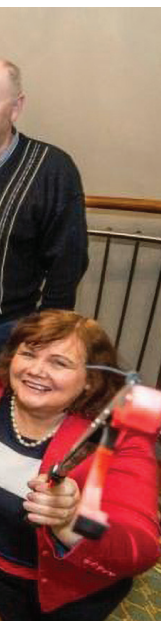


Table 3.4 Enforcement Actions

Action No.	Description	Expected Completion Date
EA1	Continue information campaign, door to door inspections and surveillance along problematic laneways to tackle illegal dumping in the city centre	Ongoing
EA2	Establish & foster relationships with maintenance contractors of motorways to combat illegal dumping/littering at motorway lay-bys	Ongoing
EA3	Carry out daily high visibility litter patrols in urban areas and procure a special uniform so patrollers are easily identifiable by the general public	Ongoing
EA4	Develop infrastructure at all bottle banks to facilitate the placement of CCTV cameras	2018
EA5	Develop 'black spot mapping system' by improving the use of GIS to identify suitable CCTV monitoring locations to deter illegal dumpers in rural locations	Ongoing
EA6	Identify black spot locations suitable for surveillance and engage professional operators in line with regional policy.	Ongoing
EA7	Review the advancement of technology and deploy best practice to apprehend litter louts & seek capital investment for critical enforcement technology.	
EA8	Review and strengthen between the enforcement team and the dog warden service to reduce dog fouling incidences and strengthen working relationships between the gardai who also have the power to issue litter fines.	
EA9	Continue to liaise with local businesses including commercial premises and food outlets to ensure they remain aware of their obligations under the Litter Pollution Act.	
EA10	Continue to liaise with the farming community and land owners including Coillte to work in partnership to resolve illegal dumping incidences on private lands.	

Supporting Policies

- Kilkenny County Council will work with both regional and national enforcement agencies to collaborate on enforcement activities and to implement best enforcement practices to increase positive outcomes for litter & waste enforcement.
- Enforcement actions listed in the Litter Management Plan will tie in with the annual RMCEI plan which is returned to the EPA for approval annually.



Measures to Encourage Public Awareness & increase Education

The Council acknowledges the importance of environmental education and a dedicated Environmental Awareness Officer (EAO) is responsible for creating, fostering and promoting the anti litter message by means of campaigns, educational activities and community support. Refer to Appendix 2 to review the list of litter projects completed in the last plan period.

Youth Education

There are 80 primary schools and 16 second level schools in the county which cater for approximately 18,366 students. The An Taisce Green School programme offers a great opportunity to work with schools to promote environmental awareness, including the anti litter message. Schools not involved with the Green Schools Programme have the same opportunity to engage with environmental activities organised by the Council.



The Environmental Awareness Officer (EAO) links in with many secondary schools through the CSPE programme by providing information talks and by suggesting possible environmental themed projects for the Gaisce Award. The EAO also explores opportunities to engage with youth groups across the county to promote the protection of the environment. The Education Unit has a presence on face book to engage younger audiences. (www.facebook.com/kkcocoenvironment).

Table 3.5 Youth Education Activities

Action No.	Description	Expected Completion Date
PEA 1	Support An Taisce Green School Programme (90 schools registered, 71 flying a green flag)	Ongoing 2018-2020
PEA 2	Advance the Councils annual primary schools Environment Education Programme (Average 40 workshops annually)"	Ongoing 2018-2020
PEA 3	Develop a similar educational programme for the secondary school curriculum. E.g (Eco- Unesco Green Teen Training Workshop)	2018-2019
PEA 4	Continue to develop linkages with youth clubs groups to encourage appreciation of the natural environment	Ongoing 2018-2020

Wider Community

The Council acknowledges the role the wider community has in litter control and it must promote the anti litter message to ensure all individuals take responsibility not to create litter. A large sector of the community plays a significant role in combating litter by organising litter patrols and in rural areas some community groups take on the responsibilities of emptying litter bins locally.



Anti-Dog Fouling Campaign (Ferrybank, 2016)

The EAO works with community groups to spread the anti litter message and to provide supports to those who are involved in litter control. The An Taisce National Spring Clean is a national campaign the Council uses each year to encourage community groups to become involved to assist in litter control. Over the past 3 years, the average number of participating Kilkenny groups has been approx. 120 registrations annually and an ambitious target to increase participation annually by 10% is set during the period of this plan.

Table 3.6 Wider Community Actions

Action No.	Description	Expected Completion Date
PEA 5	Encourage groups to complete community clean ups by providing practical supports. Municipal district offices are to become supply hubs for litter picking equipment in addition to county hall to make resources more widely available.	Ongoing 2018-2020
PEA 6	Support An Taisce National Spring Clean Campaign	Ongoing
PEA 7	Research the establishment of a county wide clean up event	2018
PEA 8	Continue supporting tidy town entrants by the facilitation of the Tidy Towns Forum and determine how it could evolve over the plan period	Ongoing 2018-2020
PEA 9	Continue to promote national/regional litter campaigns	Ongoing 2018-2020
PEA 10	Promote litter related campaigns through local & social media and provide information briefings to groups such as SPC's, PPN, ICA network, Age Alliance network ect.	Ongoing 2018-2020
PEA 11	To complete greater promotion of the Council's litter line number in local and social media to ensure the public know how to report illegal dumping on public grounds.	

Kilkenny's Tidy Towns Forum

The National Tidy Towns Competition is going from strength to strength and local participating groups meet at the Tidy Town's Forum meetings which are facilitated by the Council. The forum facilitator lines up speakers, provides funding announcements and grant guides in a social environment to allow groups to discuss issues that pertain to their local areas and their voluntary work. The forum is running successfully over the past three years and the networking is considered beneficial and worthwhile as local groups can learn from each other.



Tidy Town Forum wMembers visiting Clonegal Tidy Towns, Co. Carlow.

Supporting Policy

- The Education Unit is to review activities annually to ensure anti litter activities are relevant and dispersed throughout the county.
- The Council will investigate how to encourage more communities to actively participate in litter control community initiatives and will research costs associated with having a county clean up day like the annual event in Limerick "Team Clean Up Limerick" which occurs every Good Friday.
- The Council will actively promote pride of place to ensure all communities that receive Council funding maximise their potential to eliminate local litter black spots.
- The Council will actively support external organisations that are assisting in litter control where possible.



Regional Tidy Towns Awards Presentation (2016)

4.0 FINANCIAL SUPPORTS

The Litter Management Plan lists 37 actions to be completed over a three year period. Some actions are ongoing and require reporting to ensure that they are being completed with outcomes recorded while new initiatives will be achieved if the proper resources are provided. As the Council operates under financial constraints it may be necessary to consider completing actions in partnership with the private sector and/or national bodies to achieve actions that are unattainable without additional external financial support. Actions that are common between neighbouring County Councils will be investigated as there may be possible financial benefits to work collaboratively.

Over the past three years, the annual expenditure for litter management in Kilkenny is in excess of €1 million with approximately 80% relating to street cleaning activities. A breakdown of the 2016 litter control activities is listed in Table 4.1

Table 4.1 Litter Budget 2016

Litter Related Activity	Adopted Budget €
Litter Education & Awareness	10,000
Illegal Dumping Clean Up	23,000
Enforcement Surveillance (Equipment)	6,000
Litter Bin Provision (County)	2,500
KBC Litter Bin Collection & Maintenance	145,000
National Spring Clean	5,000
Anti Litter Initiative Community Initiatives	26,000
Street Cleaning (County)	350,000
Street Cleaning (City)	716,000
KKB Campaign	10,000
Total	1,293,500

Capital Expenditure is required for the following actions over the plan period

- **SC6** (Assess the potential deployment of a road sweeper which is retrofitted to service national and regional roads with the capability to pick litter via a long arm suction device)
- **LP5** (Review the number, condition and location of existing street litter bins county wide & establish a multi annual capital programme to fund a county wide litter bin upgrade schedule)
- **LP6** (Establish a multi annual capital programme to fund the re-branding of the bottle bank network to improve their aesthetics)
- **EA4** (Develop infrastructure at all bottle banks to facilitate the placement of CCTV cameras)
- **EA6** (Identify black spot locations suitable for surveillance and engage professional operators in line with regional policy)
- **EA7** (Review the advancement of technology and deploy best practice to apprehend litter louts & seek capital investment for critical enforcement technology)
- **PEA7** (The establishment of a county wide clean up event will require additional budget and possible sponsorship from the private sector)

5.0 MONITORING AND REPORTING

• **Monitoring**

An in-house implementation plan is proposed to keep track of actions and in house targets will be agreed and set with different departments to ensure the Litter Management Plan is not just a policy document but a driver for change. A progress report will be generated every 6 months and the main findings will be presented to the elected members and to the Councils Management Team.

Annually the Irish Business against Litter League (IBAL) publishes a table of city's and towns litter status. This national league table includes Kilkenny City and it generates an adjudication report twice a year. This is one independent monitoring tool which the Council will continue to follow with interest. Kilkenny City was top of the league table in 2012-2014 and while retaining "Cleaner than EU Norms" the city has slipped down to 15th place in 2017.

The National Tidy Towns Competition includes a litter category and all communities that participate in the competition receive feedback on their litter control activities as part of their adjudication report. These comments and litter related scores are followed by the Council and community groups.

A litter survey was conducted in April 2017 along national and regional routes in County Kilkenny. The results are available in Appendix 4.

• **Reporting**

There is a requirement in the Litter Pollution Act to review the Litter Management Plan annually. This review will be provided to the elected members by the end of Q1 each year. The review will list each action and provide a summary update of activity.

It is also proposed to update each Municipal District each summer of litter related activities in their area. This will provide a further useful mechanism for elected members to engage on the issue of litter, and to raise specific concerns, be kept updated on current litter related activities and identify possible priority projects within their area.

A progress report will be presented to the Councils Management Team every six months to brief each Director of progress and any barriers that might be preventing the implementation of actions.

Independent of the Litter Pollution Act requirements, the activities of the Enforcement team will be submitted to WERLA (Southern Region) annually by the submission of their REMCEI Plan.



APPENDIX 1

TEMPORARY SIGNAGE POLICY

Kilkenny County Council policy on temporary signage on public lands is summarised below, a more detailed document is available on request from the Environment Section.

- Subject to planning law, signage may only be erected on private property with the prior written consent of the landowner.
- Before any signage is erected on public property the prior written consent of the Local Authority is required.
- Posters advertising public meetings do not require prior permission from the Council.
- Election and referendum posters on public grounds do not require prior permission from the Council.
- Application shall be made to the appropriate Local Authority Area Office and shall include the completed application form and a site location drawing.
- Approval must be sought at least three weeks prior to the proposed erection of the temporary signage.
- Approval shall be issued in writing by the Local Authority and shall be subject to conditions, particularly regarding road safety.
- The maximum sign size permissible is 1.2m². All signs and fixings must be removed within an approved time frame

• EVENTS

The following types of events can be licensed by the Area Offices:

- Cultural Social
- Sporting Recreational
- Educational Political
- Religious Circus
- Funfair Entertainment & other events traditionally run by non-profit making societies

CONTACT DETAILS:

City Hall (056) 7794000

Thomastown Area Office (056) 7793340

Castlecomer Area Office (056) 4440550

Ferrybank Area Office (051) 831370

APPENDIX 2

MEASURES UNDERTAKEN TO PROMOTE THE REDUCTION OF SINGLE USE ITEMS 2015-2017

Year	Project	Participants
2015	Re-Useable Bottles	Harriers Running Club (Juniors) Fit for Life Running Group
2016	Re-Useable Shopping Bags	Re-usable cotton shopping bags distributed via tidy towns and local charity shops
2017	Re-Useable Coffee Cup Campaign	"Supported a tidy towns reusable cup initiative and an in-house canteen project, both due to be completed in Q1 of 2018" w

MEASURES UNDERTAKEN TO PROMOTE LITTER EDUCATION & AWARENESS 2015-2017

Year	Project	Participants
2015	Establishment of the Tidy Towns Forum	Tidy Towns Groups
2015 -2016	Green Dog Walker Campaign	Dog Owners, Local Community Groups
2015-2017	Provision of Anti-Litter & Anti-Graffiti Awareness Grant	Resident and Community Groups
2015-2017	Gum Litter Taskforce Campaign Promotion	General Public
2015-2017	National Spring Clean Promotions	Over 100 groups annually
2015 – 2017	Green Schools Support	Over 70 school
2016 - 2017	Anti Litter Murals	Fr McGrath Centre Newpark Resource Centre The Mill FRC, Urlingford Millenium Court FRC
2016	Support "Urlingford Dog Fouling Project"	Urlingford Community
2016	Cathaoirleach Litter Squad Primary School Packs	All primary schools
2016	"Roadside Litter Campaign with BEAT Radio"	"Kilkenny County Council with Councils of the SE"
2016	"Story of the Rubbish Monster" Interactive Learning	Kilkenny City Primary Schools
2016	"Bin the Poo" Campaign Launch	General Public
2015-2017	Approx 20 Community Talks annually	General Public
2017	"Leave No Trace" Primary Workshops	Primary Schools County Wide
2017	National Spring Clean Roadside Litter Audit	Education Unit (Research)

APPENDIX 3

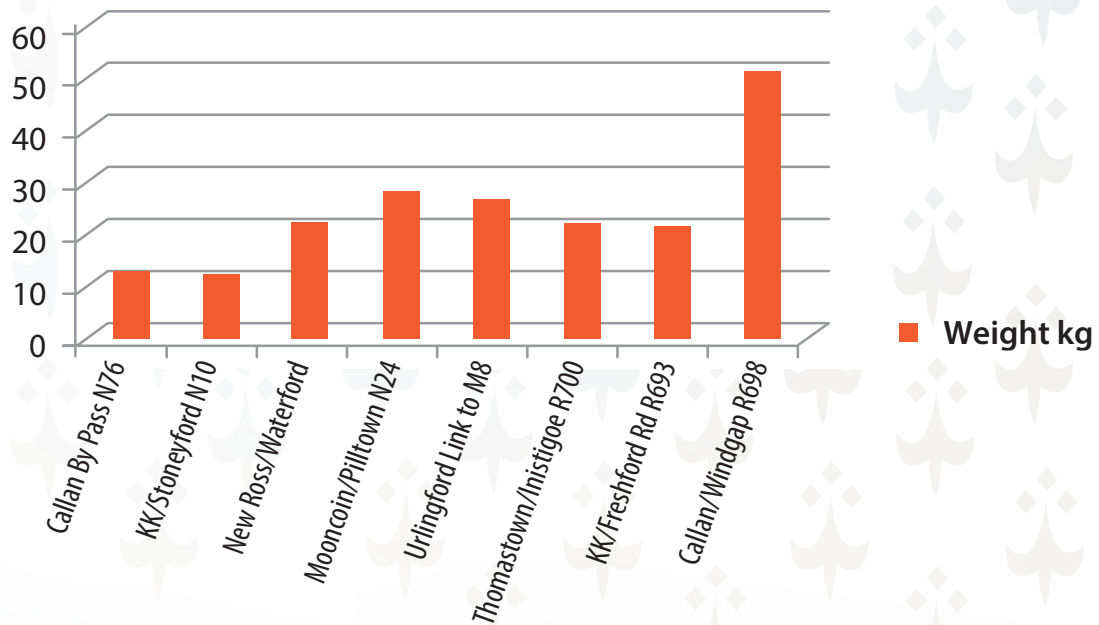
LITTER ENFORCEMENT MEASURES 2015-2017

Year	Measure	Outcome/Participants
2017	Anti-dumping Initiative (Phase 1) Information campaign and door to door inspections at problematic laneways to tackle illegal dumping in the city centre. Installation of CCTV camera's in litter black spots in the side streets of Kilkenny city and lay bye in rural area.	Generated a clearer understanding of household waste management practices. Gathering of evidence for prosecution of offenders, increasing the awareness of the public of enforcement of litter laws.
2017	Anti-dumping (Phase 2) Installation of CCTV cameras in Kilkenny city at a bottle bank, cameras in Woodstock, Inistioge, in areas of ongoing dumping, clean up of the Duisk river in Graignamanagh.	CCTV cameras used to identify persons misusing bottle banks and discarding household waste at lands in and adjacent to Woodstock Gardens. Community involvement in the cleanup of the local environment- heightened awareness of litter and water pollution.
2017	Joint initiative with stakeholders managing the M9 motor way to tackle illegal dumping and misuse of litter bins along the lay-bys."	CCTV cameras used to identify persons misusing litter bins and discarding household waste at lay-by
2015-2017	CCTV no dumping signs are issued on request to prevent littering in problematic areas	Signs distributed to community groups to combat litter in local areas
2015-2017	Daily litter patrols carried out	Investigation, identification and enforcement of litter offenders
2015	Cleanest County Campaign	Campaign to encourage communities to provide info on litter black spots and offenders. Limited take up by communities
2015	Door to door household waste survey	Generated a clearer understanding of household waste management practices
2015-2016	Use of covert cameras	Covert cameras used to identify offenders in litter black spots

APPENDIX 4

SUMMARY OF LITTER AUDIT (APRIL 2017)

GRAPH 1 – VOLUMES OF LITTER ON 1KM STRETCH OF ROADSIDE



639

Plastic Bottles



575

Drink Cans



329

Disposable Cups

were recovered along 5km of Kilkenny rural roadside

APPENDIX 5

KILKENNY COUNTY COUNCIL RECYCLING FACILITIES

Dunmore Recycling Centre

Opening Hours; Mon- Fri 8am-4.30pm, Saturdays 8am-12 Noon. Closed Sundays

Phone Number; 056-7767848

Grannagh Recycling Centre (Supported by Kilkenny County Council)

Opening Hours; Monday 9am – 5pm, Tuesday; Closed, Wednesday 9am – 5pm, Thursday 9am – 6pm
Friday 9am – 5pm, Saturday 8am – 3pm. Closed Sundays

Phone 051-833284

Charges (as per November 2017)

Refuse €5.50 per bag or €175 per tonne

Recycling; Car Load €5 or €130 per tonne (Paper, cardboard, tetrapak, plastics, metal, household hazardous waste)

Green Waste (Grass cuttings, grass sod, brambles); €2 per bag or €70 per tonne Household Food Waste; €2 per caddy

Household Electrical Waste & Batteries; Free

Waste Oil; €1 per Gallon, max accepted 10 gallons

Domestic Paint; €5 min charge

Bottle Banks

County Kilkenny is serviced by 41 bottle banks, all accept glass, food cans and drink cans. Some also have an additional bank for clothes.

City Bottle Bank Locations – Kilkenny City Supervalu Loughboy, Lidl Loughboy, Aldi Loughboy, St. Canice's Carpark, Gaol Rd, St. Mary's Carpark, Wolfe Tone Str. Car Park, Eurospar Newpark, Lidl Newpark.

County Bottle Bank Locations – County Kilkenny Ballyfoyle, Ballyouskil, Ballyragget, Bennettsbridge, Bigwood, Callan, Castlecomer, Coon, Castlewarren, Dunnamaggin, Freshford, Glenmore, Goresbridge, Gowran, Graiguenamanagh, Inistioge, Johnstown, Johnswell, Kells, Kilmaganny, Kilmanagh, Knocktopher, Kilmacow, Lisdowney, Mooncoin, Mullinavat, Owing, Piltown, Paulstown, Slieverue, Stoneyford, Tullahought, Thomastown.





**Kilkenny
County Council**