

Litter Reduction Act 2016

Policy Administrators

22 November 2015

1 Policy Statement

Reduce street litter by 75%.

2 Administrative area

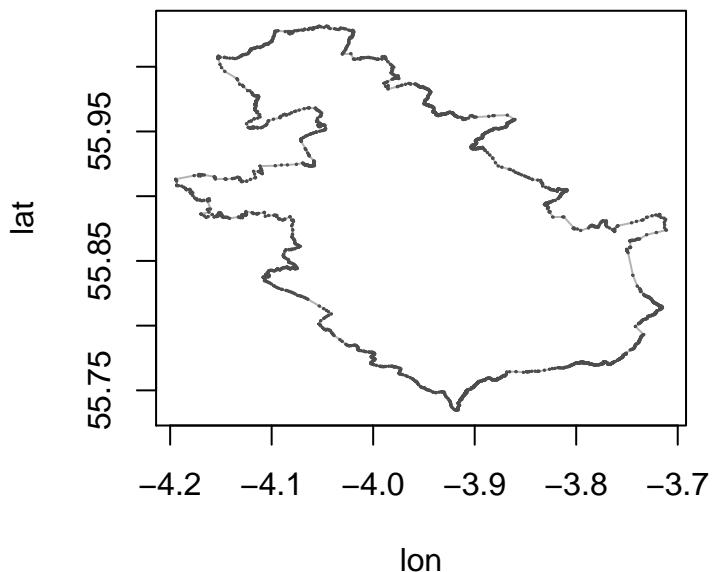


Figure 1: The policy applies the administrative area of North Lanarkshire

3 Litter

3.1 Meaning of litter

- (a) Rubbish such as paper, tins, and bottles left lying in an open or public place.

Table 1: This table defines the categories of social impact of litter

category	name	description	reduction_target
1	Dangerous	Harmful litter which threatens human life	75
2	Harmful	Harmful litter which could severely injure human health	75

category	name	description	reduction_target
3	Severe	Litter posing moderate risk to human health	75
4	Nuisance	Litter posing minor risk to human health	75
5	Minor	Litter posing minimal or no risk to human health	75

4 Public highways

Publicly accessible streets excluding gated or no access highways. The street area covers the entire width of the thorough fare up until meeting with private or fenced property. Including the road verge or sidewalk.

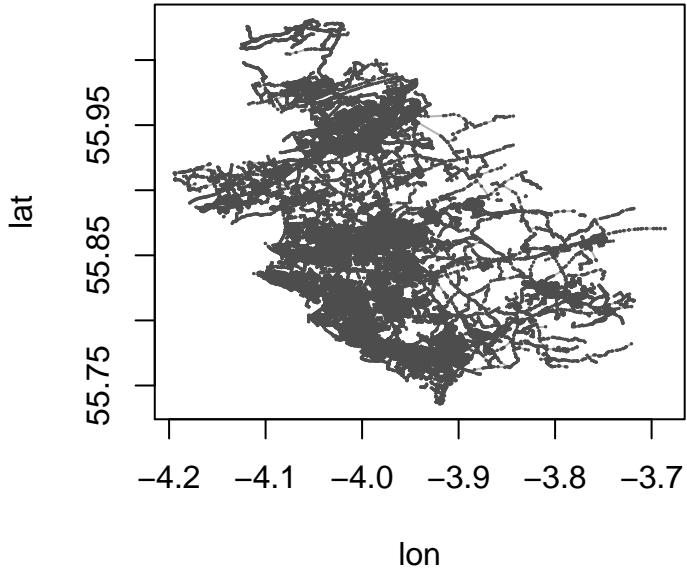


Figure 2: Map of streets

5 Reduction

The reduction target of 75% is based on a snapshot of highways within the admin area of North Lanarkshire taken at the start of a four year programme. The snapshot survey will be recorded again each year at approximately the same time of year.

The aim is to meet the reduction of 75% over the course of 4 years based on the original base line. The reduction target applies equally over all 4 categories of litter.

6 Snapshot survey

The snapshot will select 5% of the highway network as defined in OpenStreetMap as highway in ('primary', 'secondary', 'tertiary', 'residential', 'unclassified') and access not = 'no', 'private', 'destination'

Each 2km section of randomly selected highway will be selected. Each section split into 100m sub-sections. The survey will assess each 100m section, taking photos and identifying the amount of each category of litter found.

Table 2: Snapshot litter survey questions

question	answers
Unique id of section	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20
Date	Date
Sampler ID	Text
1	1
Amount	huge amount of litter,large amount of litter,moderate amount of litter,minor amount of litter,no litter

5% of highway network 1km sections randomly selected highlighted in black



Figure 3: Litter Survey Points

7 Social survey

The a survey of 500 people will record social attitudes to litter via webiste questionaire

The questions will be:

Table 3: Social attitude questionaire

question	answers
How old are you?	< 16,16-20,20-30,30-45,45-65,>65
Which postal area to you live in?	text
Do you drop litter?	yes,no
In the last week have you dropped litter?	yes,no
Does litter concern you?	very high concern,high concern,moderate concern,low concern,not concerned
How much litter have you seen in the last week?	huge amount of litter,large amount of litter,moderate amount of litter,minor amount of litter,no litter
Would you be interested to participant in litter picking?	yes,no
How many times per year who you participant?	numeric

8 Policy tools

8.1 Fines

Table 4: Increased Litter Fine Categories (continued below)

category	name	description	reduction_target
1	Dangerous	Harmful litter which threatens human life	75
2	Harmful	Harmful litter which could severely injure human health	75
3	Severe	Litter posing moderate risk to human health	75
4	Nuisance	Litter posing minor risk to human health	75
5	Minor	Litter posing minimal or no risk to human health	75

fine_categories
100
200
400
800
1600

8.2 Street cleaning budget

8.3 Number of public rubbish bins

8.4 Budget for education

8.5 Buget for re-education

8.6 Community litter action

8.7 Private sector action

Example data:

year	percentage_drop
2015	0
2016	10
2017	20
2018	30
2019	75