

Municipal District of Cappamore Kilmallock July '17

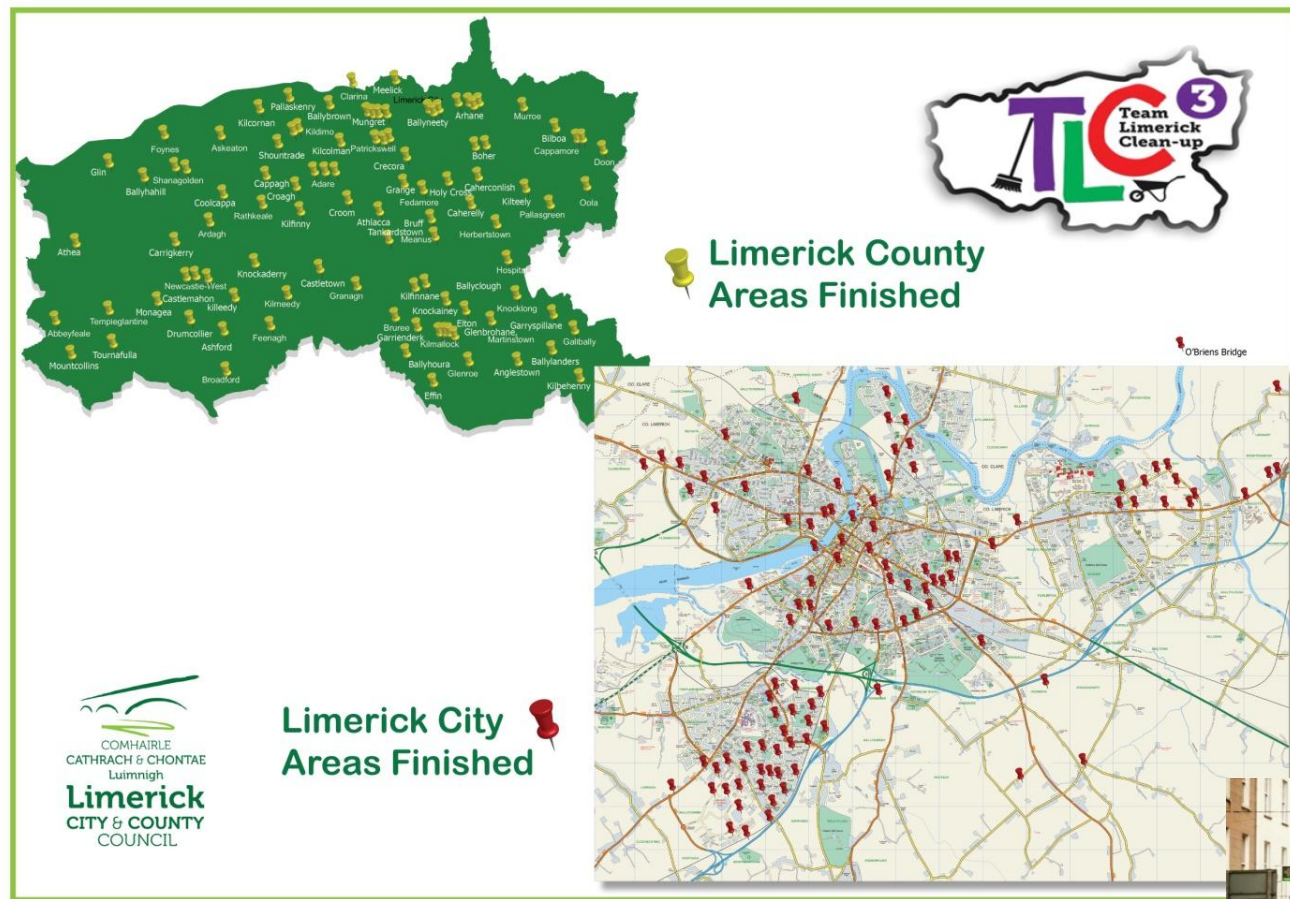
Results of TLC3 Waste characterisation Study & Update on Limerick Going for Gold

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Environment Awareness Officer
Community Support Services
Limerick City & County Council

TLC Steering Group

- TLC3 is coordinated and organised by the TLC steering group made up of:
 - Limerick City & County Council
 - McManus Benevolent Fund
 - Mr Binman
 - DMC Communications

Map of TLC 3 participation



TLC3 - Good Friday 14th April

- **16,779** volunteers
- Approx **33,558** hrs litter picking
- **550** Groups
- **68** tonnes of litter collected
- **244** litter collection points
- **1,200** approx Kms travelled by Mr Binman Crews
- **6,500+** text messages sent to and from leaders over the course of TLC3.

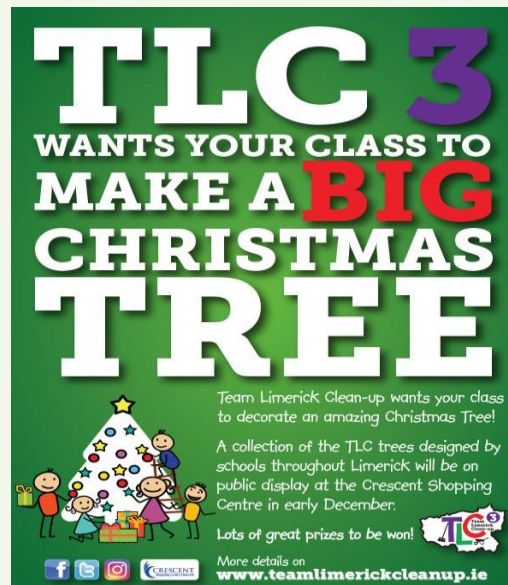
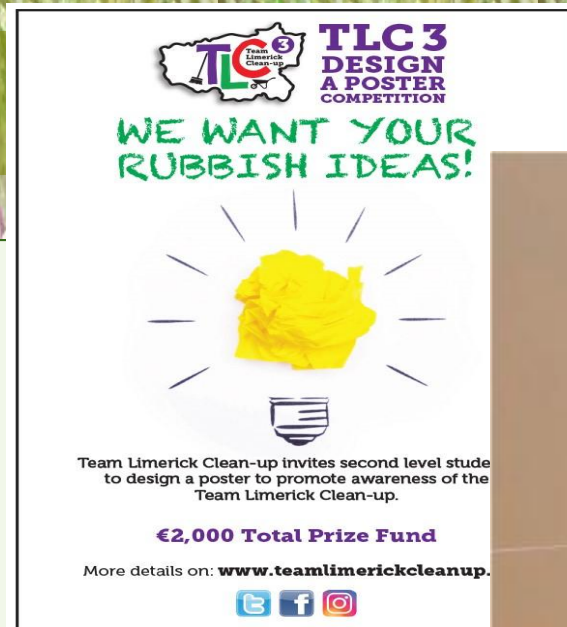


Schools

- 71 Schools participated
- Some on the day
- Some before the Easter Holidays

168 Registered Green Schools

141 flags ranging over 6+ Env themes



Anecdotal

Experienced
volunteers are
reporting
overall
improvements
in relation to
litter.



Additional Clean Ups

- **75** community clean ups logged on CRM since Jan 2017
- Additional **80+** from two groups in city centre alone.
- Others happening where groups use own bins, have made arrangements directly with bin companies or the Council etc
- National Spring Clean groups plus TLC3.



TLC3 Waste Characterisation Study

- First time TLC waste has been characterised.
- The Study is in line with the National Waste Characterisation Study.
- The intention behind this is to gather information from clean ups
- help inform policy locally & nationally.



TLC Waste Characterisation Study

- Thirty random samples were chosen, each with a minimum weight of 5 kg.
- Samples were sorted through manually
- For every Mr Binman Truck returning to base 5 random bags were placed in skip for sampling.
- Materials were separated into 29 detailed categories and weighed.
- In total 217 kg of waste was characterised.



% Break Down

Total
68
Tonnes
TLC3
Litter

Broad Category	Limerick
PLASTIC	24
GLASS	13
RESIDUES	10
TEXTILES	10
ORGANIC WASTE	9
METAL	8
DUMPED WASTE	8
UNCLASSIFIED	7
PAPER AND CARDBOARD	5
COMPOSITES	5
Total	100



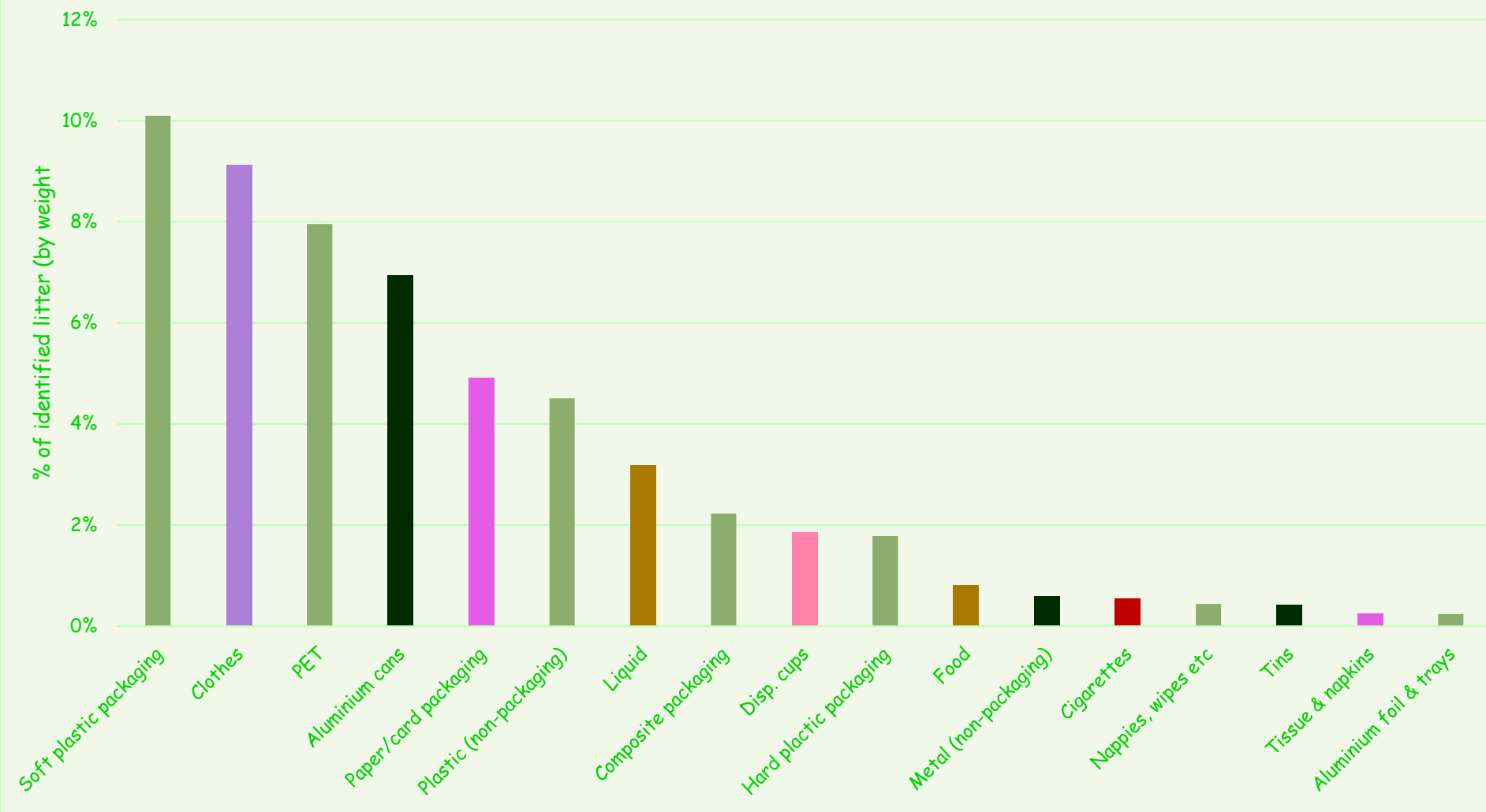
TLC3 Broad Break Down of Characterisation

- At **24% plastic** was by far the most common material
- This was followed by **Glass 13% Residues**
- **8% was dumped waste** not separated into its constituent materials. Bags of dumped waste were classed as either domestic or non-domestic and weighed as a whole.
- **7% were Unclassified items** This included large items such as a car seat, toys and umbrella.
- **14% was paper & cardboard** represented note this weight may have been augmented by absorbed water.
- **10% Residues** - This consisted of a mixture of small, indistinguishable pieces of litter along with other organic material that was inadvertently collected during litter picking.



TLC3 Detailed Waste Characterisation

Detailed Litter Characterisation



Snapshot of More Detailed Characterisation

- 10% soft plastic wrappings (packaging) was the most common material
- 9% clothes
- 8% PET plastic
- 7% Aluminium cans
- 5% paper/cardboard packaging
- < 2% single use paper based cups including coffee cups.
- 0.6% Cigarettes and related materials



13% Glass

- 8,840 kg of glass drinks bottles
- 1x Glass drinks bottle is 190 g or 0.19 kg
- Nos of Glass Bottles collected by TLC3 Volunteers on Good Friday

46,526



2% Paper Cups

- This equates to 1.36 tonnes or 1,360 kg of paper cups
- The average paper cup weighs approx 11 gm or 0.011 kg per paper cup
- Nos of Paper cups collected by TLC3 volunteers on Good Friday

123,636



7% Aluminium cans

- This equates to 4,760Kg of PET plastic bottles
- 1x Al can weighs 14.9 g or .0149 kg
- Nos of Al can collected by TLC3 volunteers on Good Friday =

319,463



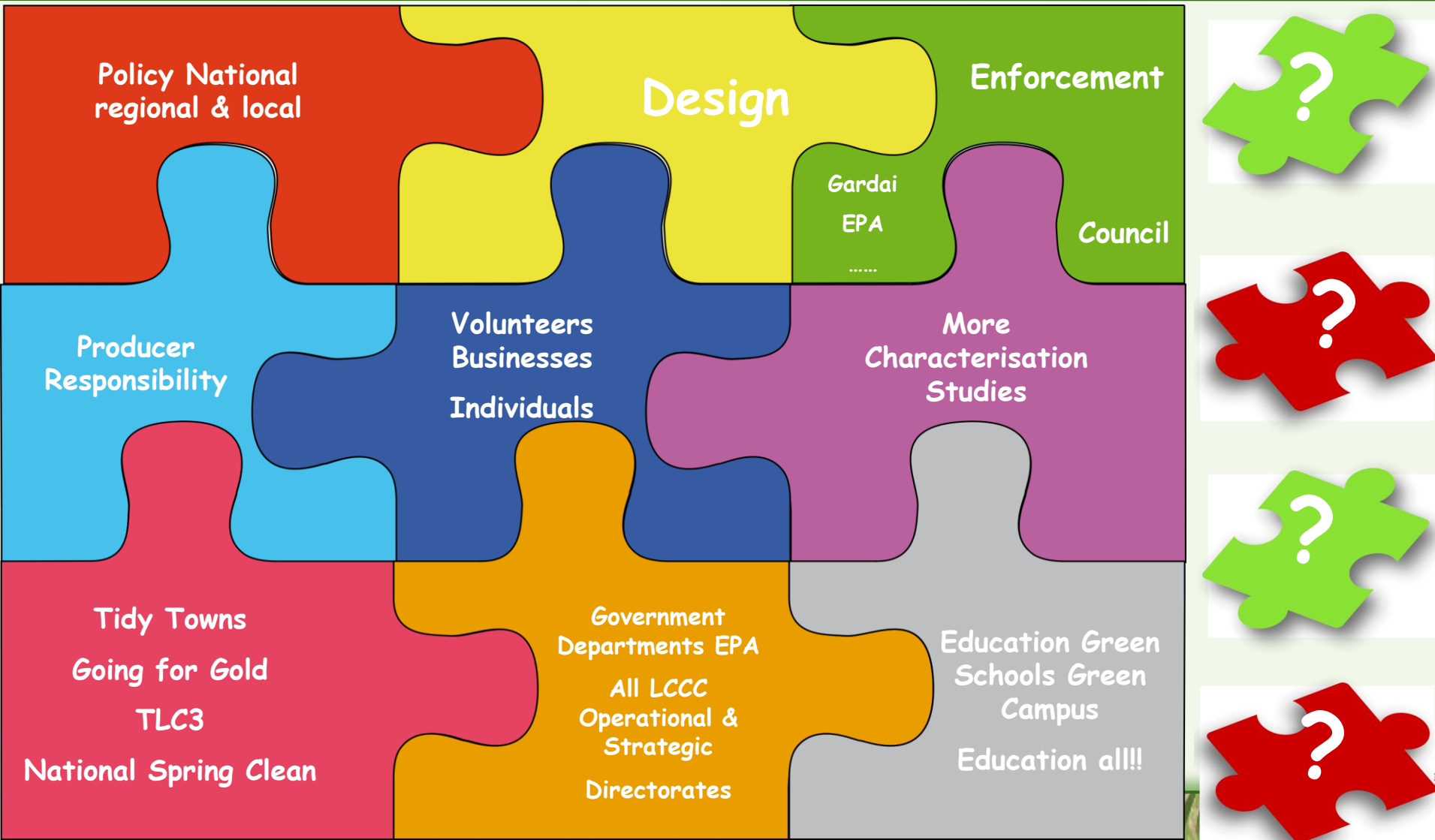
8% PET Plastic Bottle

- This equates to 5,440Kg of PET plastic bottles
- 1x PET bottle weighs 9.9 g or 0.0099 kg
- Nos of PET bottles collected by TLC3 volunteers on Good Friday =

549,495



Range of solutions required from a range of stakeholders



Communication from a Community Vol

"2/ Long term there needs to be a national / EU approach. - an environmental tax of 10cents on every bottle and can sold in the EU. The funds generated could be used to defray the cleanup costs. "



Recommendation 1 re "one use " items

Limerick City & County Council to:

- Communicate their concerns in relation to the continued growth of this type of litter and to request that the Department Communications Climate Action & Environment (DCCA&E) explore options to influence the use of this type of "one use item" at producer level including, but not limited to, a levy on one use items along the lines of the successful plastic bag tax or a deposit and return scheme etc...



Recommendation 2 re "one use items"

Limerick City & County Council to:

- Form a policy in relation to the use of one use items (disposable items).



Limerick Going for Gold Grant

- 50% funded by the McManus Charitable Foundation
- 140+ LG4GEIG grant applications
- 2017 grant payments are already made or in train



Limerick Going for Gold Competition

Prize fund in the region of €75,000 is 100% funded by the
McManus Charitable Foundation Categories:

- Community Challenge
- Limerick In Bloom
- Residential Area/Estate
- Endeavour Award
- **NEW #loveyourlimerick Photographic Competition**
- Best Front Garden Competition (*Parkway Shopping Centre*)
- ?

Diary Date- Tues 10th Oct '17
Strand Hotel

NEW #loveyourlimerick Photographic Competition

- #loveyourlimerick aims to attract wonderful photographs of city and county.
- Junior category for under 21s.
- A cash prize of €500 will be awarded to the winning photographer who submits best overall #loveyourlimerick 2017, with an additional €500 awarded to his/ her community.
- Runners-up prizes will also be awarded.

NEW #loveyourlimerick Photographic Competition

To enter #loveyourlimerick

- Email a high res image (1-10 megabytes) to limerickgoingforgold@limerick.ie
- Use the hashtag #loveyourlimerick and upload on either Instagram or Twitter
- See Limerick.ie for terms & conditions

Let's remind ourselves of some

Startling Statistics - TLC3 Volunteers collected

- 46,526 Glass Bottles
- 123,636 Paper cups
- 319,463 Aluminium cans
- 549,495 PET bottles



To conclude

TLC3 - One use items (disposable items)

- Limerick City and County Council to consider forming a policy in relation to the use of one use items (disposable items)
- Limerick City and County Council to make a proposal to the DCCA&E for more producer responsibility in relation to disposable packaging/one use items developing a levy on one use items along the lines of the successful plastic bag tax.