

Openlittermap.com

It's like Pokémon-go for Tidy-towns!

A web-based litter-mapping game.

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Self taught developer (2016-2017)

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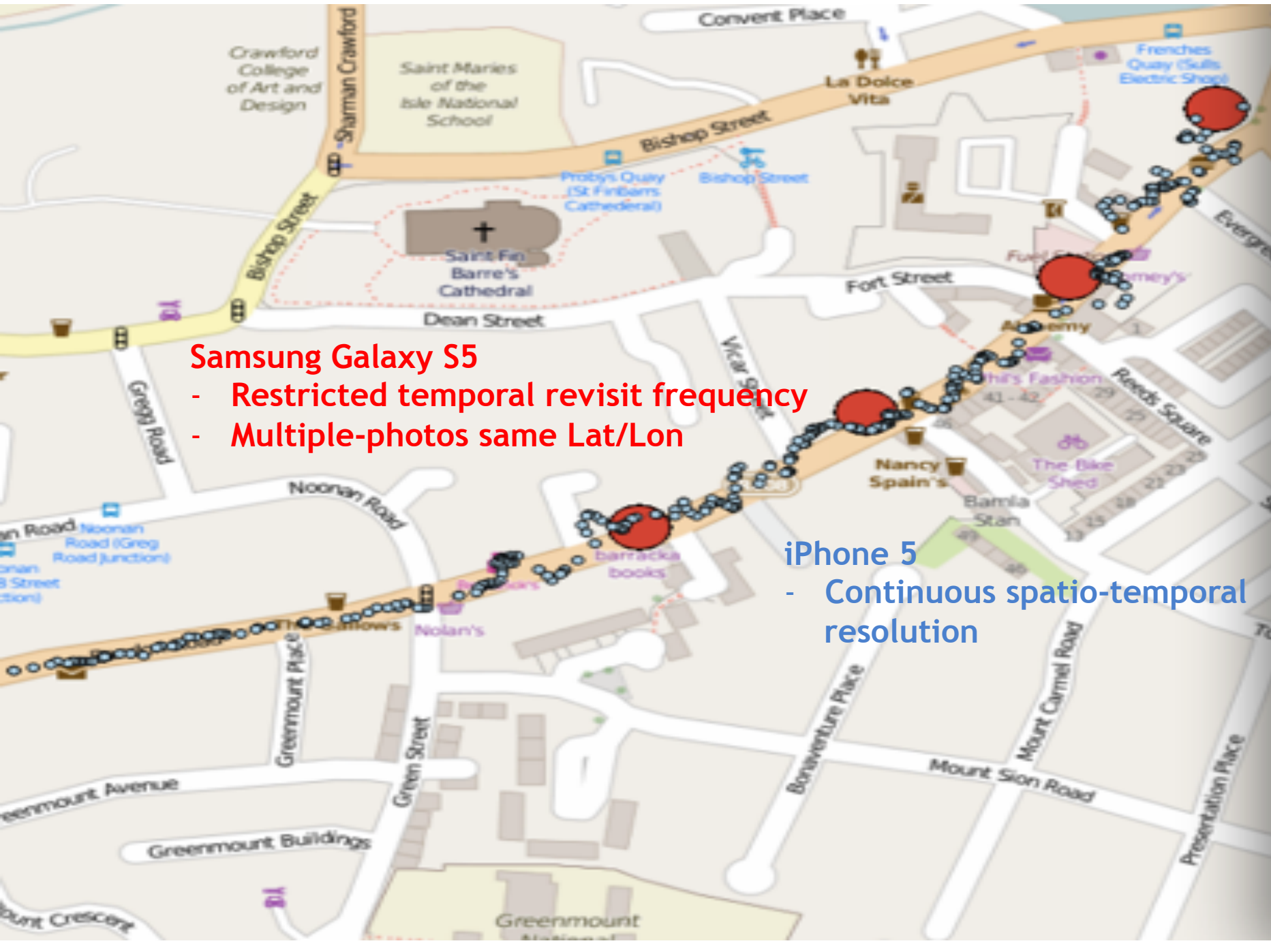
@OpenLitterMap #OpenLitterMap

openlittermap@gmail.com





- photo2shape QGIS, OSM
- “Hyper-data” across space and time



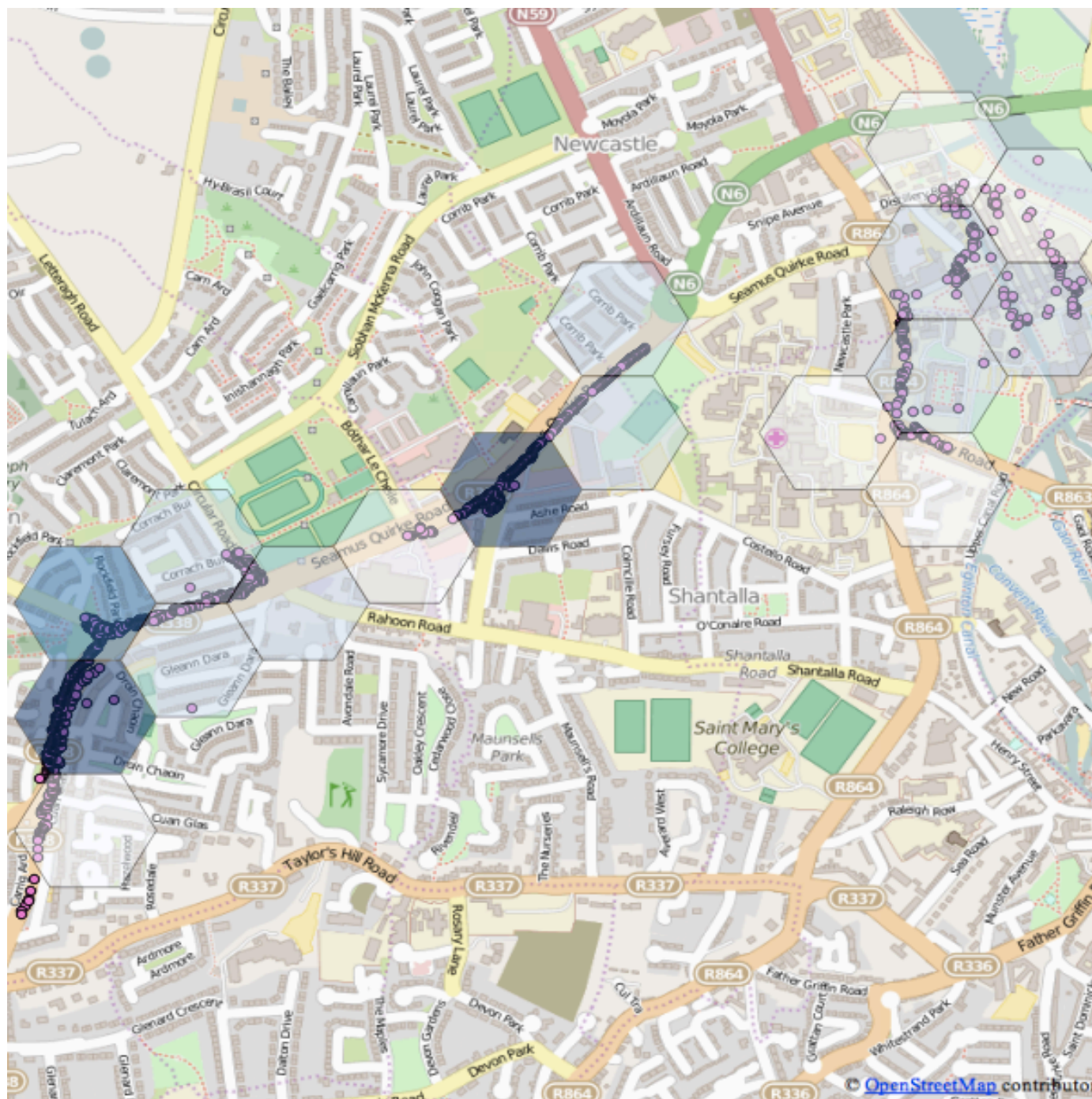
Samsung Galaxy S5

- Restricted temporal revisit frequency
- Multiple-photos same Lat/Lon

iPhone 5

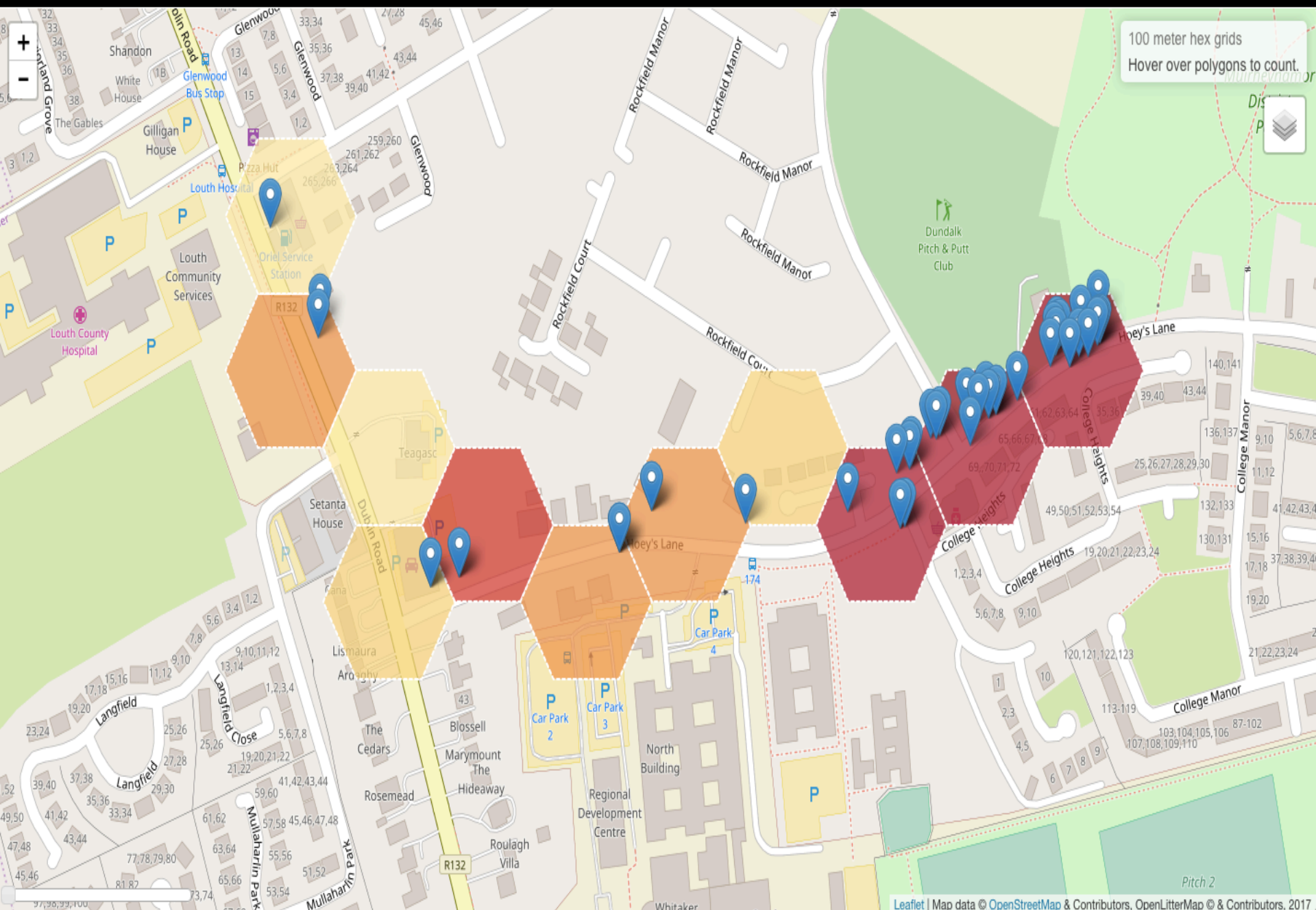
- Continuous spatio-temporal resolution

Spatial Analysis of Smoking-Related Waste, Galway, Ireland



- Cigarettes
- Lighters
- Cigarette Boxes
- Tobacco pouches
- Filters
- Etc.

Methodology via
Open Litter Map
Lynch, S. (2015).



Cork

[Litter](#)[Leaderboard](#)[Time-series](#)[Download](#)[Options](#)

Total Verified Images: **100**

Total Verified Litter: **314**

Created at: **1 month ago**

Number of contributors: **7**

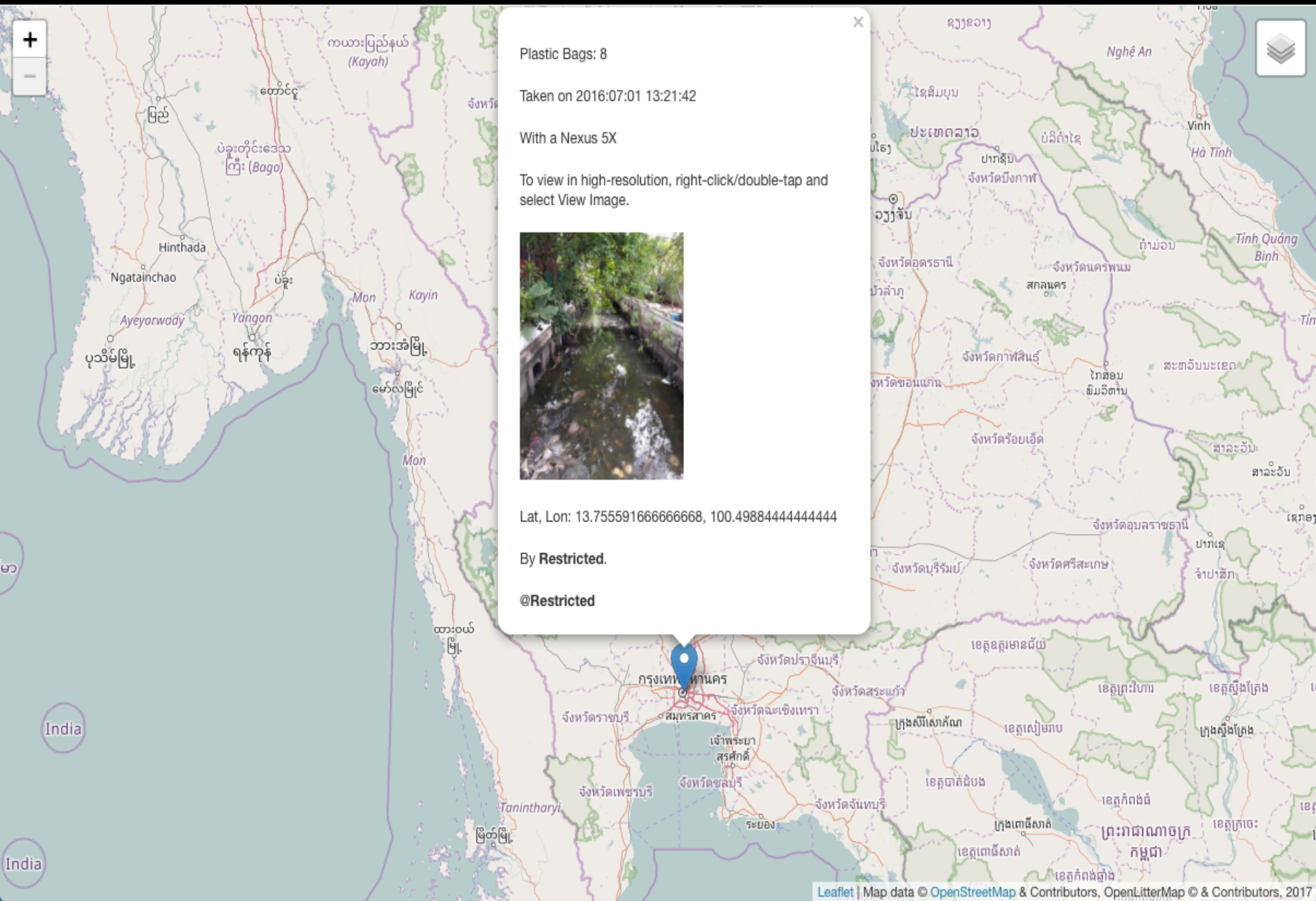
Average Image per
contributor:
14.285714285714

Average Litter per contributor:
44.857142857143

Ready for GIScience?

Use this data to stop plastic entering the ocean.

Download

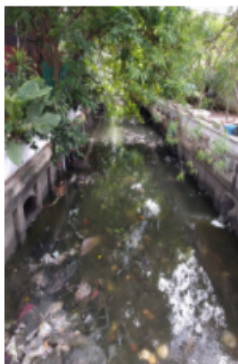


Plastic Bags: 8

Taken on 2016:07:01 13:21:42

With a Nexus 5X

To view in high-resolution, right-click/double-tap and select View Image.



Lat, Lon: 13.755591666666668, 100.49884444444444

By Restricted.

@Restricted

Ireland

Total Verified Images: **333**

Total Verified Litter: **1225**

Created: **1 month ago**

Number of contributors: **11**

Average Image per person:
30.272727272727

Average Litter per person
111.36363636364

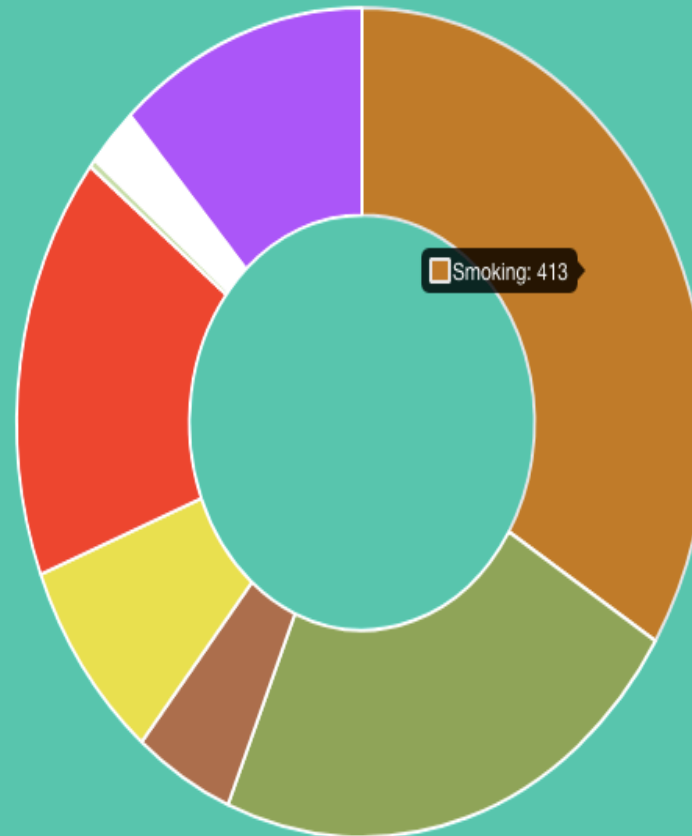
If you are on mobile, drag these across for more options

Litter

Leaderboard

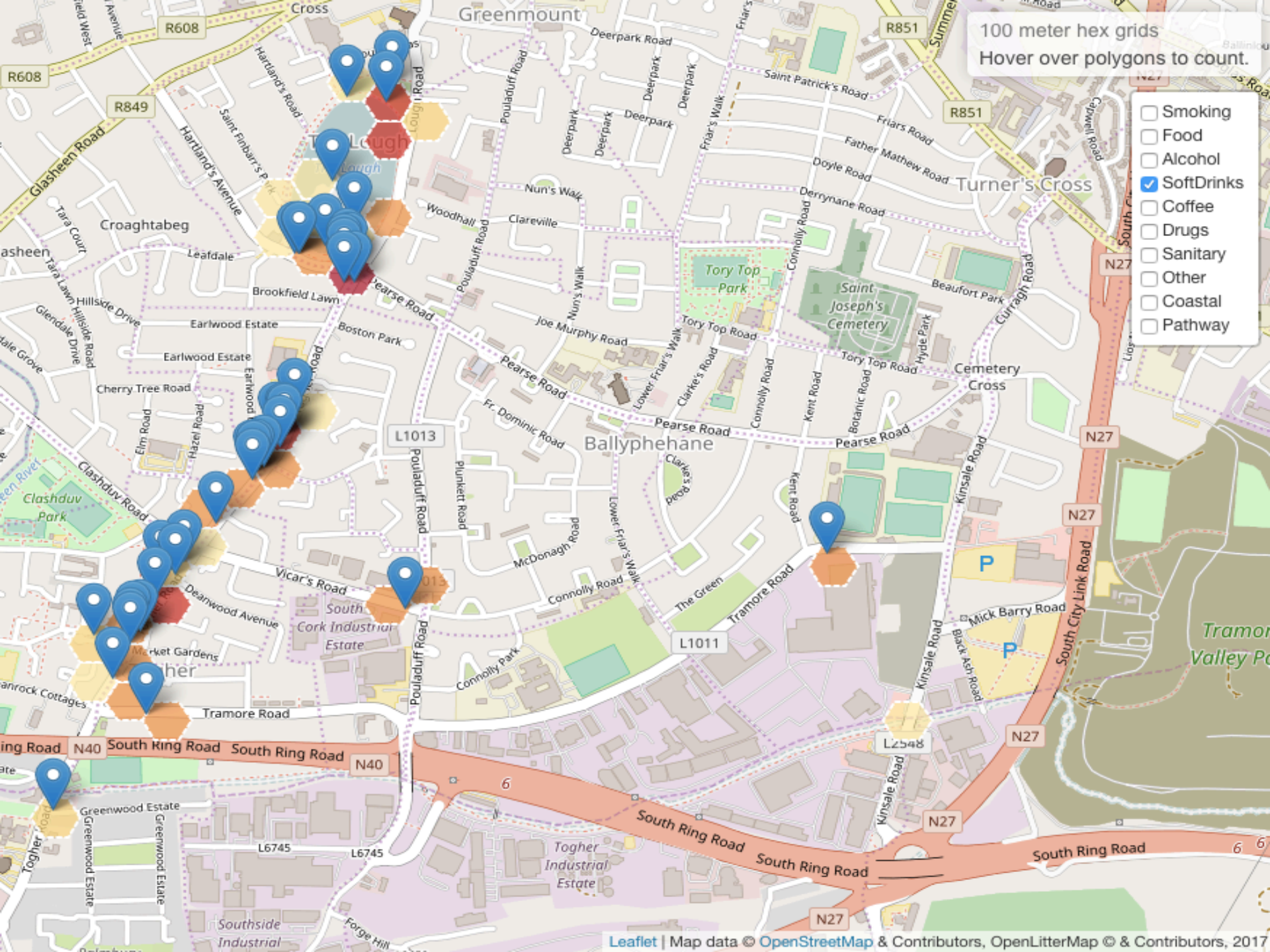
Time-series

Smoking Food Coffee Alcohol SoftDrinks
Drugs Sanitary Other



100 meter hex grids
Hover over polygons to count.

- ☐ Smoking
- ☐ Food
- ☐ Alcohol
- ☒ SoftDrinks
- ☐ Coffee
- ☐ Drugs
- ☐ Sanitary
- ☐ Other
- ☐ Coastal
- ☐ Pathway



Cork

[Litter](#)[Leaderboard](#)[Time-series](#)[Download](#)[Options](#)

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Filter temporally:

07-09-15

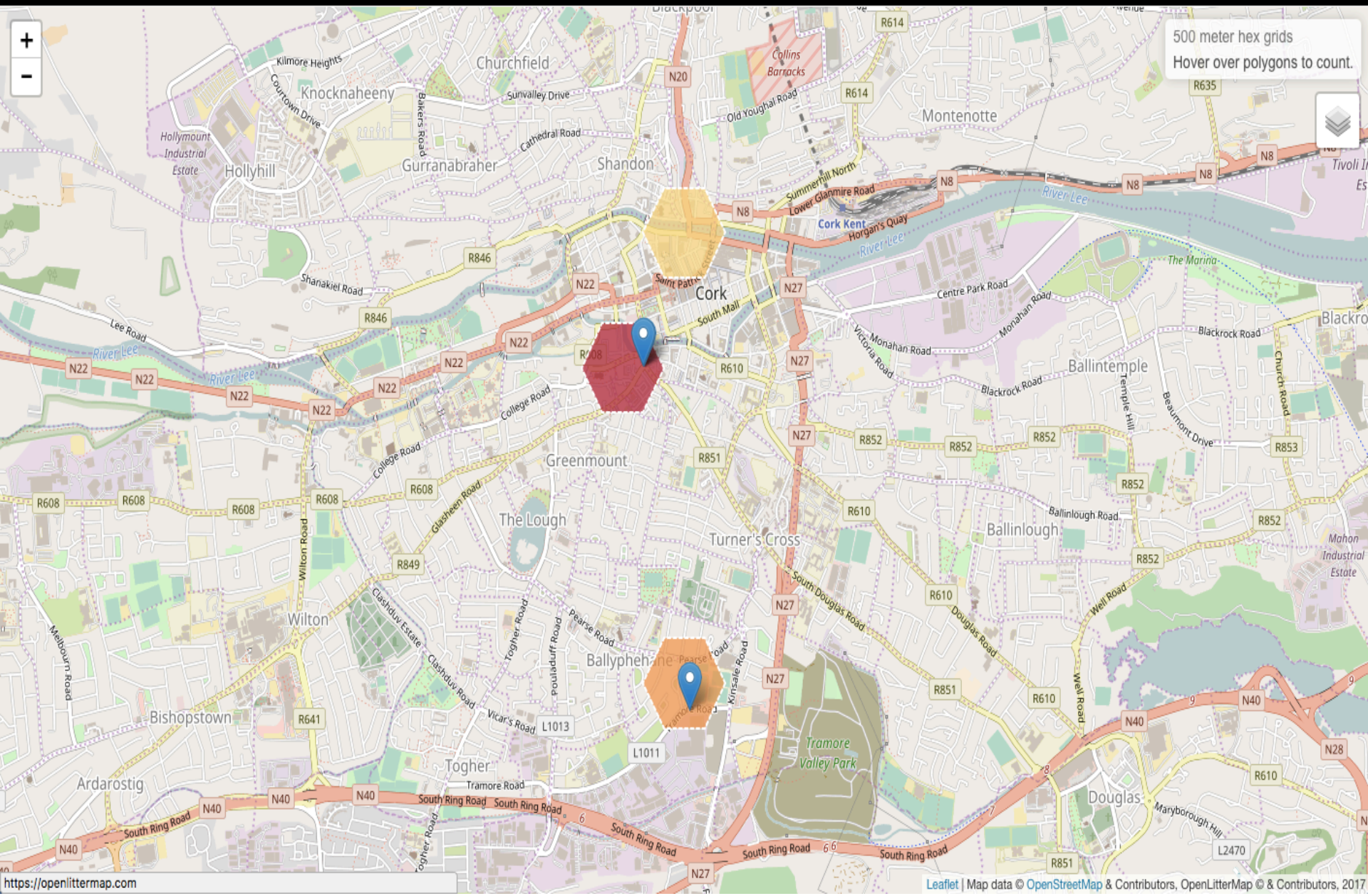
23-05-17

Choose a hex size (meters):

100

#OpenLitterMap

Maps & Data



Ireland

If you are on mobile, drag these across for more options

Litter

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Average Litter per person
111.3636363636

Position

Name

XP

1st

Tadhg Moore

1301

2nd

Charles Coughlan

529

3rd

Catherine martin

265

4th

Danish Aziz

143

5th

Christine Loughlin

13

County Cork

Total Verified Images: **147**

Total Verified Litter: **295**

Created at: **1 week ago**

Number of contributors: **8**

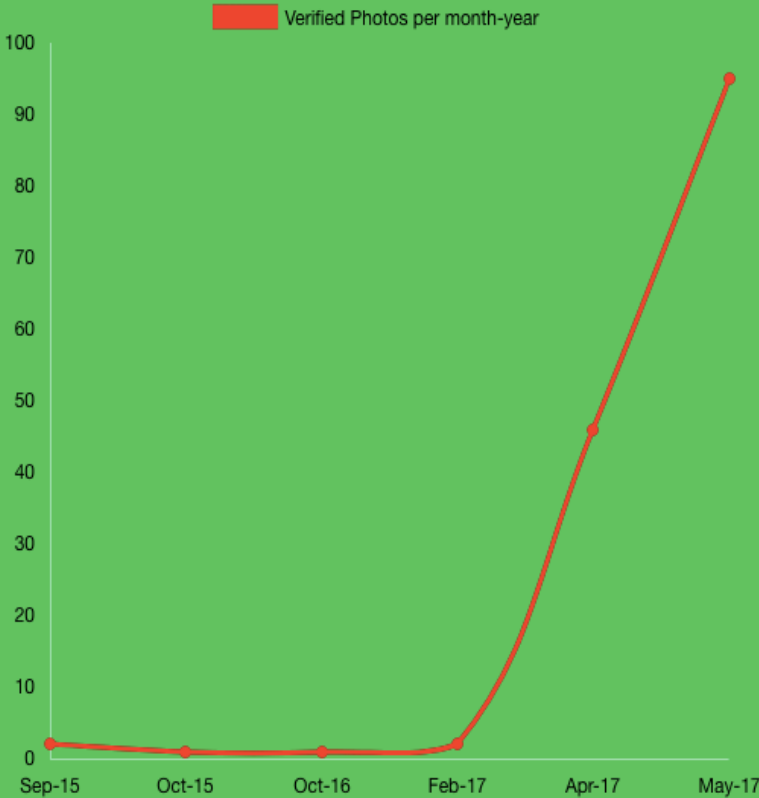
Average Image per contributor:
0.054421768707483

Average Litter per contributor:
36.875

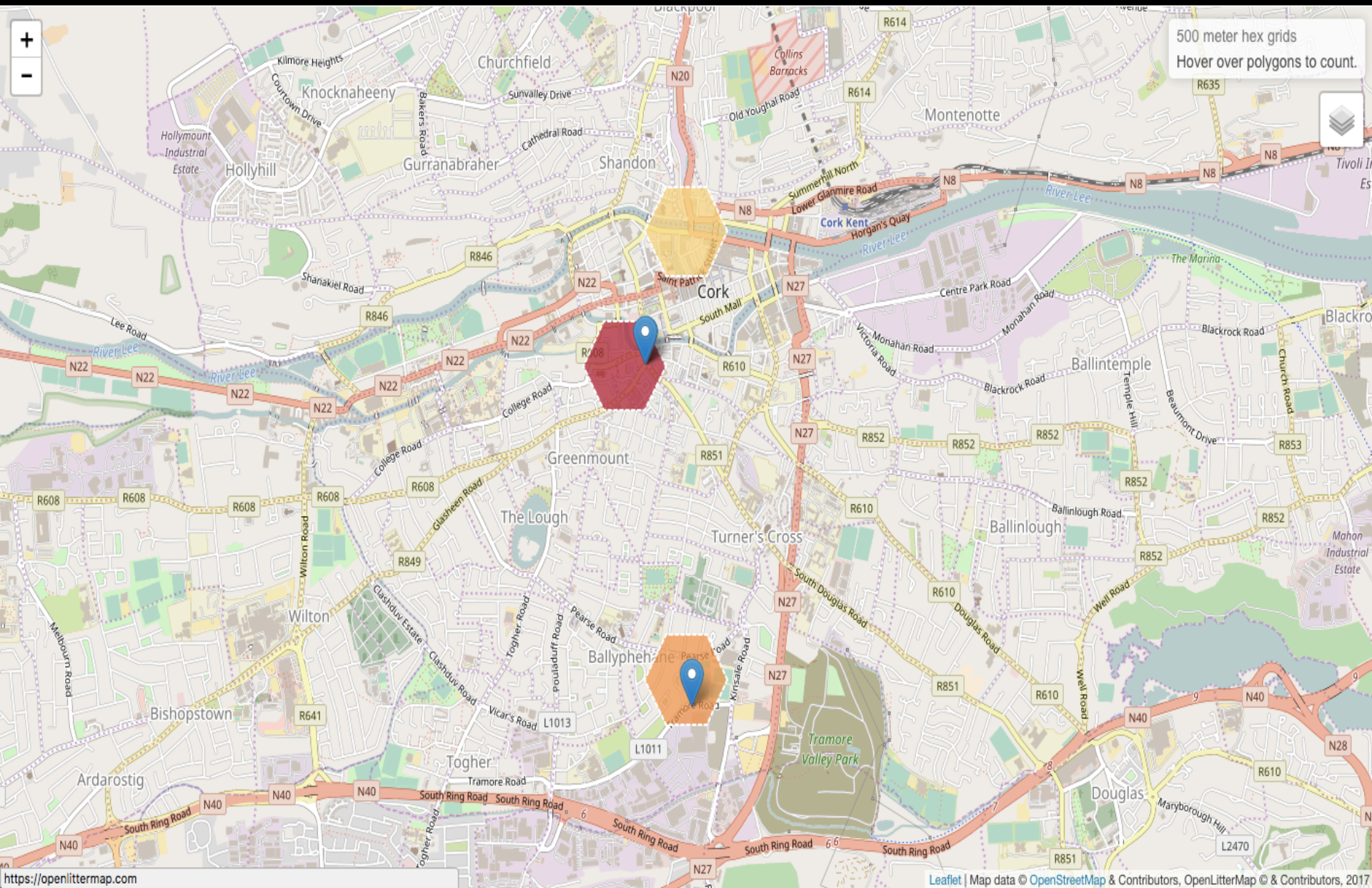
Litter

Leaderboard

Time-series



Maps & Data



New!!

#OpenLitterMap

GENERAL

Password

Personal Details

My Account

My Payments

Privacy

Littercoin (LTRX)



ethereum

Also...

- Interested in doing research. PhD? Paper collaboration?
- Available for more webinars, training, QnA etc.
- Looking for devs interested in challenging plastic pollution & the Anthropocene with GIScience.
- Expect updates!