

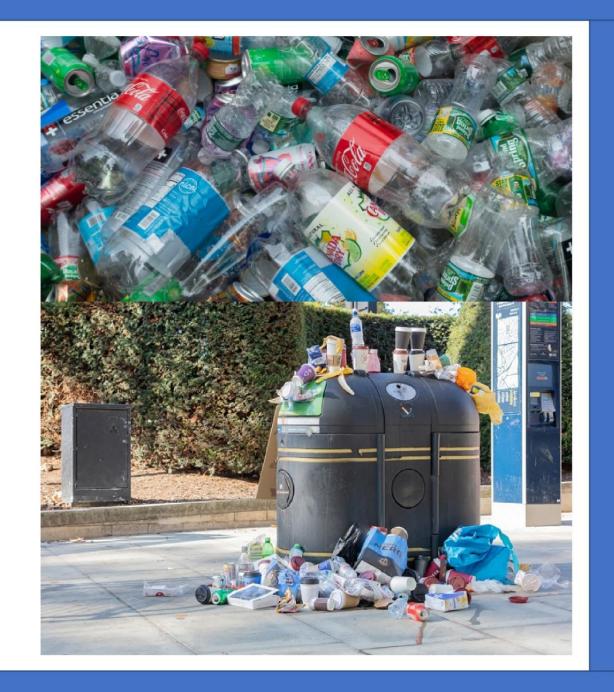
Engaging Environments

ICOS and **Newcastle University**



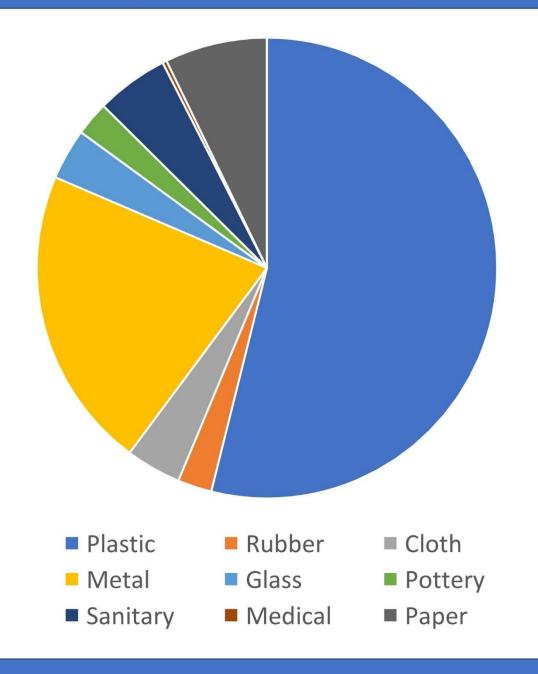
Our plastic use

- 50% of all plastic is single use
- 12 minutes average useful lifetime of plastics
- 20 million plastic water bottles are used daily
- 7 million coffee cups are thrown away in the UK daily



Citizen science project

- Hendon beach clean
- 6 bin bags full
- 534 litter items
- 54% of items removed were plastic
- Plastic fragments (0-2.5cm) most common



Top 10 items removed















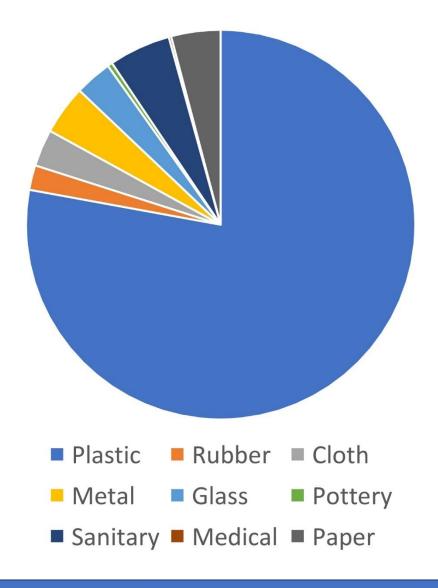


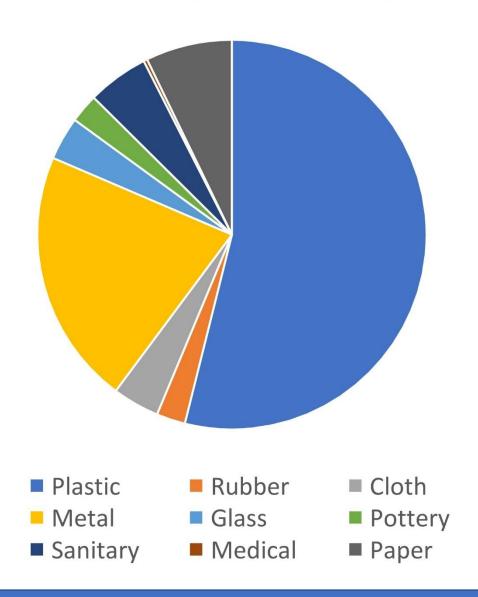


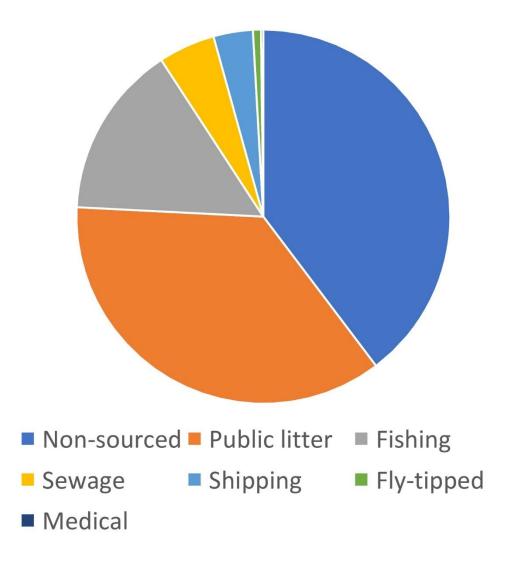


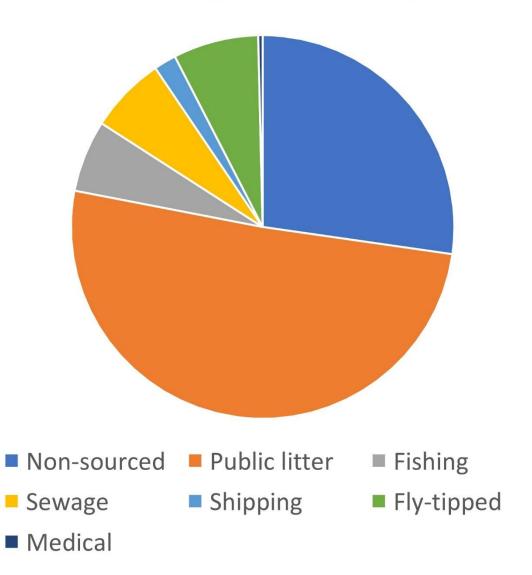
- 385 litter items
- 30 drinks-related litter items
- Plastic most common material
- Non-sourced most common category
- Mean abundance across all beaches was 0.0085 items m⁻¹ min⁻¹ person⁻¹

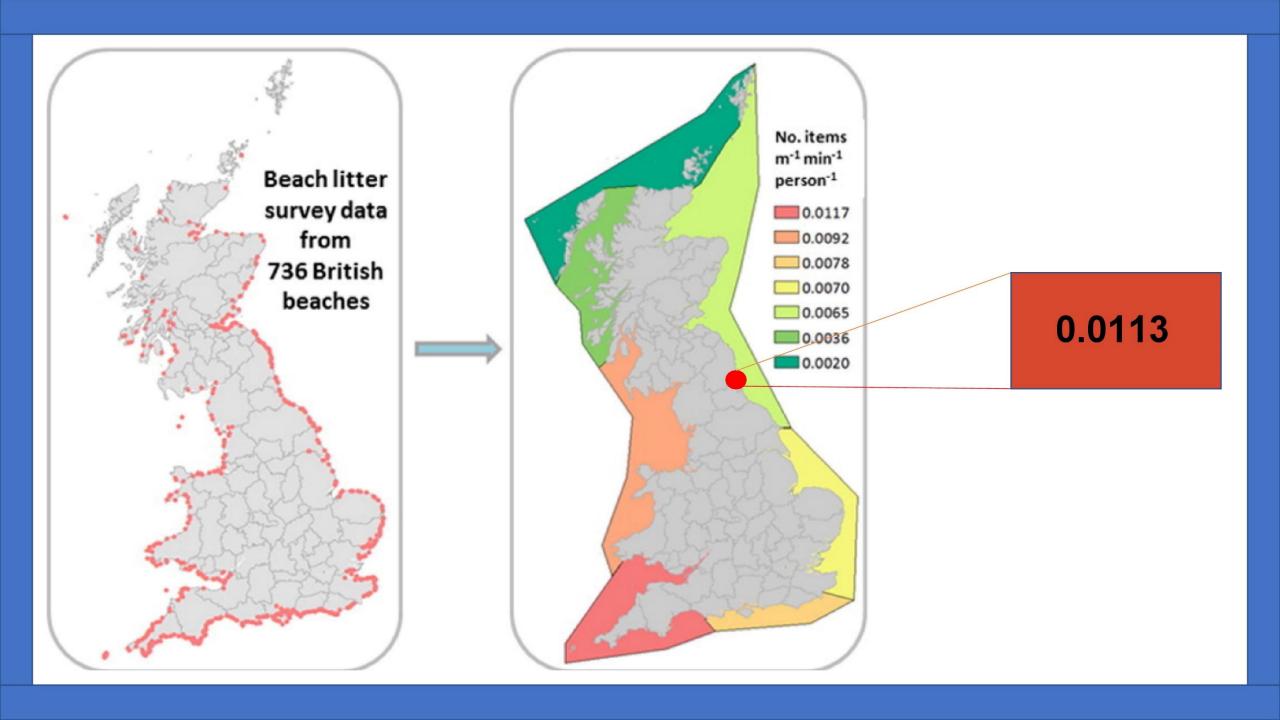
- 534 litter items
- 44 drinks-related litter items
- Plastic most common material
- Public litter most common category
- Abundance was 0.0113 items
 m⁻¹ min⁻¹ person⁻¹











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- 30 drinks-related litter items
- Plastic most common material
- Non-sourced most common category
- Mean abundance across all beaches was 0.0085 items m⁻¹ min⁻¹ person⁻¹

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- 44 drinks-related litter items
- Plastic most common material
- Public litter most common category
- Abundance was 0.0113 items
 m⁻¹ min⁻¹ person⁻¹

Hendon (100m beach)

Seaburn (100m beach)

- 385 litter items
- 30 drinks-related litter items
- Plastic most common material
- Non-sourced most common category
- Mean abundance across all beaches was 0.0085 items m⁻¹ min⁻¹ person⁻¹

- 534 litter items
- 44 drinks-related litter items
- Plastic most common material
- Public litter most common category
- Abundance was 0.0113 items m⁻¹ min⁻¹ person⁻¹

- 310 litter items
- 37 drinks-related litter items
- Plastic most common material
- Public litter most common category
- Abundance was 0.0045
 items m⁻¹ min⁻¹ person⁻¹

