



# Scrutiny update - Waste Strategy Themes

Feb 2021



## Background

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### Waste and Recycling

- Leading English Core City with Recycling rate of 47.5% in 2018/19;
- Undertake 15m doorstep collections per year;
- Offer full suite of material on recycling collection;
- Collect 182,000 tonnes of municipal waste with 87,000 tonnes of recycling;
- New reuse shop at Avonmouth and further shop at new Hartcliffe Reuse & Recycling Centre;
- Long Term treatment contracts in place for residual waste.

### Street Cleansing

- Award winning litter campaign and community promotions;
- Investment in equipment and support for local communities;
- Big Tidy intervention project;

### Overarching Strategies

- One City Plan
  - One City Climate Strategy
  - Towards a Zero Waste Bristol: Waste and Resource Management Strategy
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## Current Targets

- Reduce Waste - Reduce the amount of food waste going into residual waste (black bin) from almost 40% to 10% by 2025

- Reduce Waste - Send less than 5% of residual untreated municipal waste to landfill by 2030

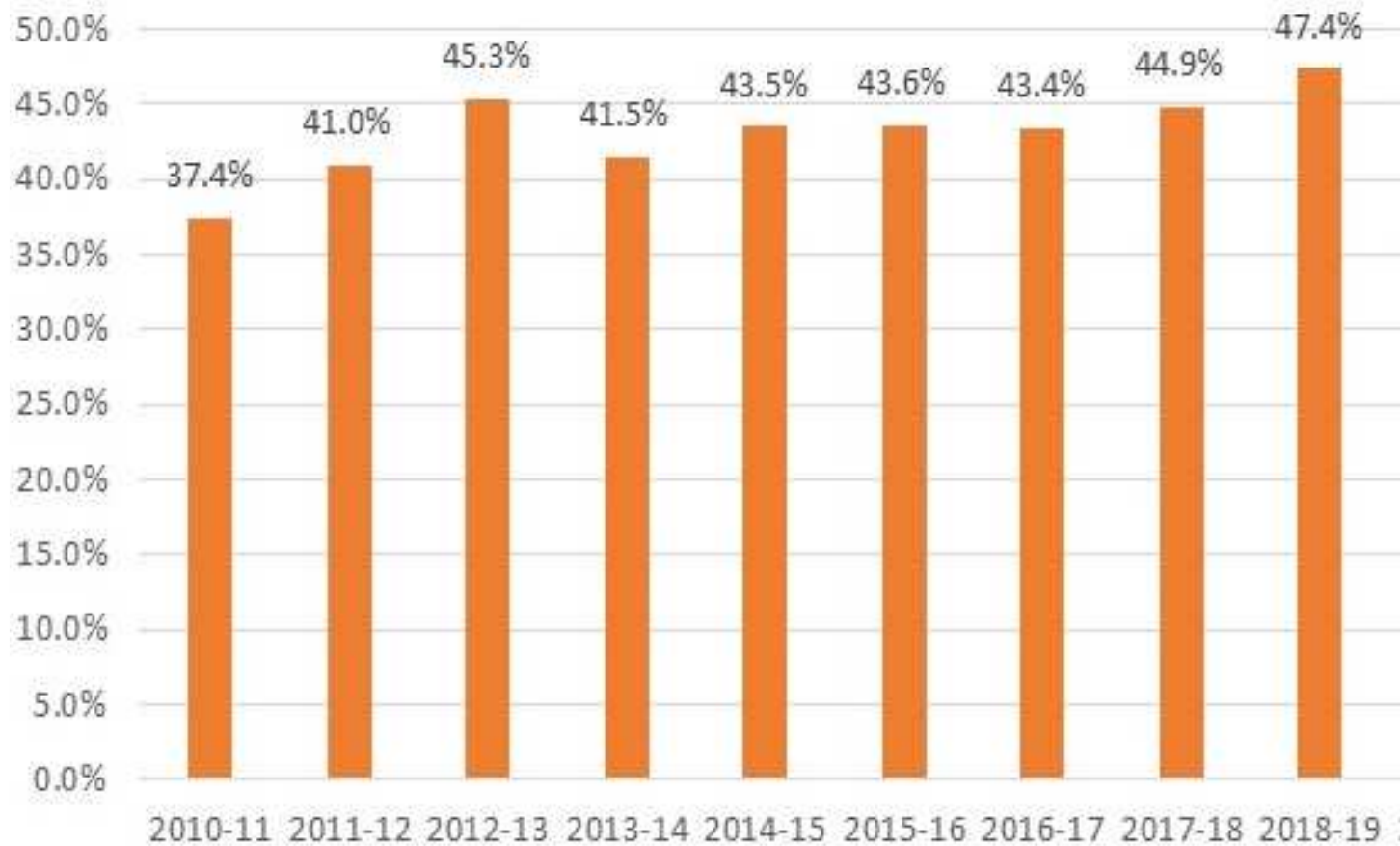
- Reduce Waste - Work to produce the lowest amount of residual household waste per person of any UK Core city with the aspiration of reducing current levels to below 150kg/person per year

- Increasing value - Increase the percentage of household waste sent for recycling, reuse and composting to 50% by 2020 and 65% by 2030

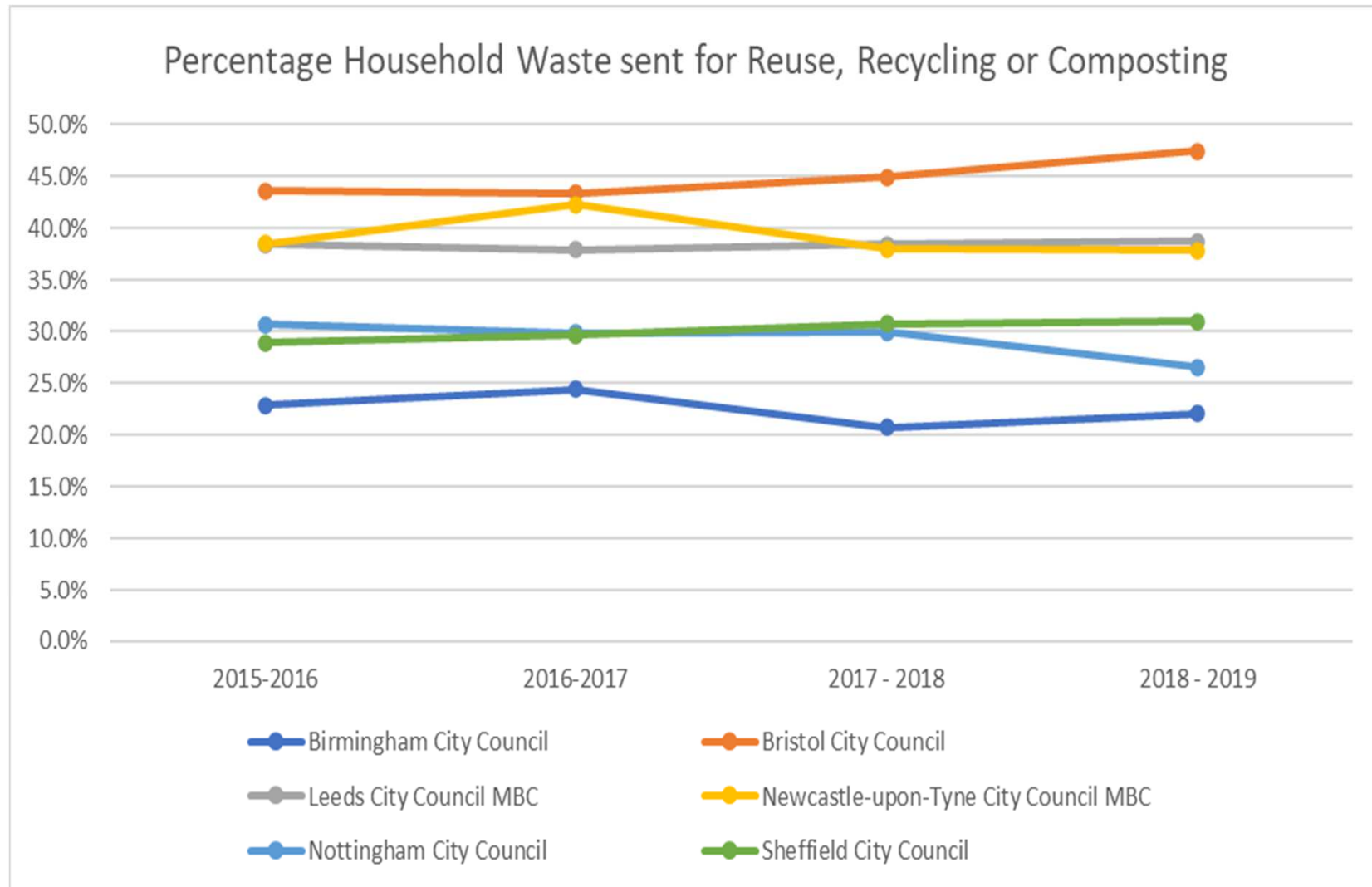
- Improving place – Achieve Local Environmental Quality targets and maintain a continual improvement approach

## Background

Percentage of household waste sent for reuse, recycling or composting



## Background



# Waste Strategy Themes



## Climate

- Support BCCs vision of becoming carbon neutral and climate resilient by 2030

## Circular Economy

- Reduce the amount of waste generated to below 150kg/person per year by 2025, as well as work with our residents to refuse, reuse, repair and recycle

## Reducing Waste

- Send less than 5% of residual untreated municipal waste to landfill by 2030
- Reduce the amount of food waste going into residual waste (black bin) from almost 40% to 10% by 2025.

## Reuse and Repair

- Work to make reuse more accessible by developing a reuse shop at our new HRRC and investigating opportunities for a reuse hub

## Recycling

- Aspire to recycle and prepare for reuse (including composting) 50% by 2020 and 65% by 2030

## •Place

- Equip our teams with the right tools and policies to enhance place, improve pride in our local area, support people to understand their roles and responsibilities and enforce where necessary

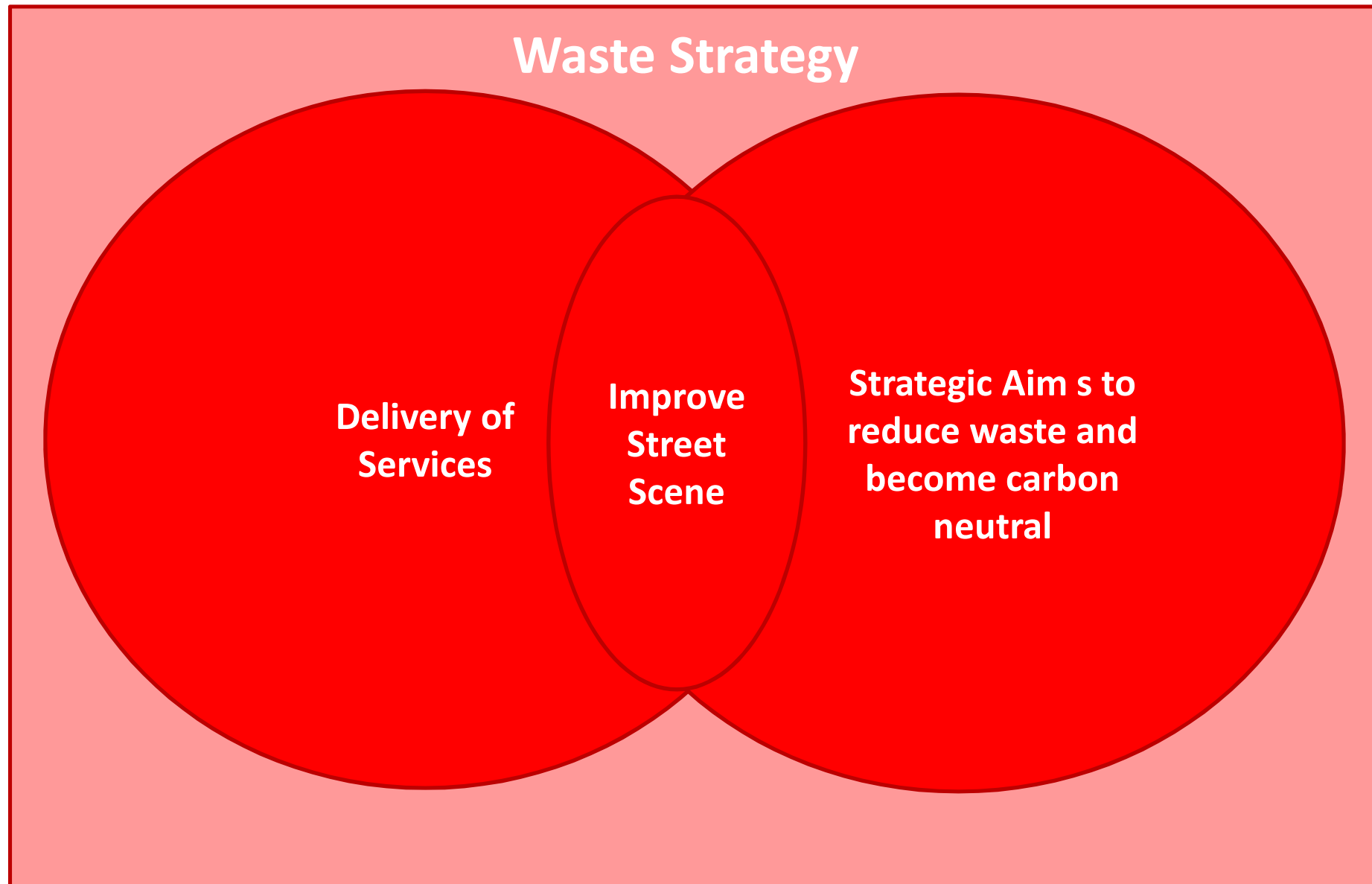
## •Community engagement

- Communicate frequently and widely on waste and recycling issues and seek to engage all our communities
- Use a blended approach of in-person and online communications. For in-person engagement we will speak to 70,000 residents/businesses per year

## •Services and Infrastructure

- Always consider the costs and benefits of each service (waste and street scene), treatment and disposal option so that the option chosen is environmentally beneficial as well as flexible, effective and affordable.
- Encourage investment within the Bristol City Council area to stimulate development of a world leading resource hub.

## What the Strategy covers



## Reduce, Reuse & Recycle Challenges

Both the main targets – 150kg of waste per person & recycling rate of 65% represent big challenges for the following reasons:

- COVID has increased the amount of waste collected from the doorstep collections;
- Encouraging residents to reduce their waste very complex;
- Providing effective recycling service to flats (from flats above shops to tower blocks) – over 1,000 locations with blocks of flats – One size does not fit all;
- Engendering behavioural change of hard to reach residents;
- Establishing an economically viable circular economy and expanded reuse network in Bristol; &
- Impact of future legislation.





## Reduce, Reuse & Recycle Priorities

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- Improve data to identify areas where biggest impact can be achieved;
  - Targeted Recycling Campaigns based on carbon benefit and waste composition;
    - Food;
    - Textiles;
    - Plastic;
    - Waste Electronic and Electrical Equipment;
  - Prioritise improve recycling provision for flats including:
    - Improved container provision , ease of access & signage;
    - Consistent and engaging messaging;
    - Tailor service to local street scene – minimise negative impacts;
  - Maximise reuse and recycling at the Reuse & Recycling Centres ;
  - Consistent and engaging messaging, including schools;
  - Explore and adopt carbon model to monitor performance; &
  - Circulate Economy – review and identify opportunities to encourage and promote trading of materials with businesses providing ease of access to residents.
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## Greening Waste Infrastructure & Services Challenges

### Infrastructure

- Need more processing capacity in the South West including plastics to reduce miles transported;
- Long term Energy Recovery contracts in place;
- Capacity for bulking and storage of recycling;
- Development of recycling market.

### Services

- Vehicle fleet have 7 year lifespan;
- Large number of student and HMO properties;
- Topography, type of housing stock (Georgian) and flats above shops; and
- Increased pressure on recycling collections;



## Greening Waste Infrastructure & Services Opportunities

### Infrastructure

- Encourage heat networks supplied by the Energy Recovery Centres in Avonmouth;
- Drive waste treatment up the waste hierarchy;
- Increase value of materials collected;
- Reducing transport;
- Encourage in recycling infrastructure investment; &
- Review bulking facilities capacity and locations.

### Services

- Review collections rounds to:
  - Work in village style;
  - Bulk at different locations; &
  - Address; and
  - Improved and tailored mini recycling centres and collections for flats above shops



## Improving Street scene Challenges

### Waste

- Deregulation of enforcement powers;
- Fly tipping on private land and different reporting methods;
- Enforcement power spread-out amongst different council departments;

### Graffiti

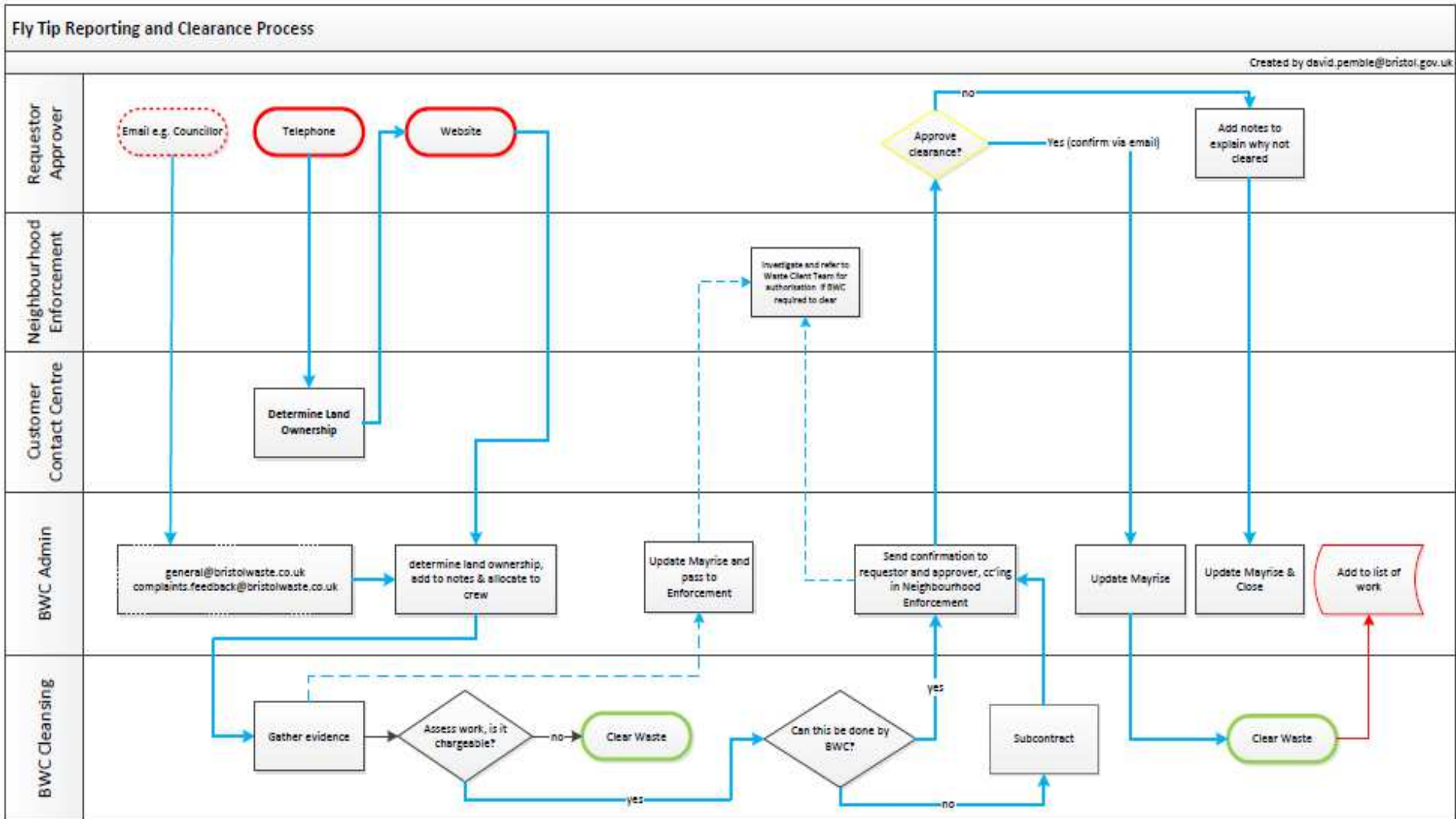
- Scale of the challenge;
- Cost of anti graffiti measures;
- Changing citizens attitudes ;

### Litter

- Changing residents behaviour;
- City centre is a vibrant destination for social gathering which creates peak in littering ; &
- Historic service structures and responsibilities.



# Fly Tipping Process



## Performance Indicators

KPI	August	September	October	November	December
Missed refuse collections per 100,000 properties	97.5	78.1	54	84	54.5
Missed recycling collections per 100,000 properties	93.5	93.5	86.4	67.5	63.6

% of reported fly tips removed in 48hrs	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2019	97%	95%	96%	94%	95%	93%	94%	98%	91%	93%	90%	94%
2020	93%	94%	93%	88%	90%	80%	91%	97%	95%	68%	72%	69%

Please note in 2020 approximately 7% of fly tips were reported that were on private of un-adopted land.

## Improving Street Scene Priorities

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### Waste

- Engender greater Civic pride within Bristol Citizens;
- Improved data led fly tip enforcement;
- Lobby for greater enforcement powers;
- Establish waste presentation standard for households, landlords and commercial properties;
- Consistent engagement and messaging for Universities and Students; Prioritise greater collaboration with council departments to amplify enforcement powers;
- Make residents aware of their duty of care ;&
- Identify ways to amplify the enforcement powers.

### Graffiti

- Minimise graffiti; coating, design of new developments;
- Work with schools;
- Engage with large infrastructures owners ;

### Litter

- Empowering communities to take responsibility for their ;
  - Explore targeted on the go recycling; &
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