



Nottingham City Council

Return on Investment

Sarah Abbott

GIS Manager

gi@nottinghamcity.gov.uk



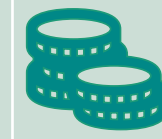
**Nottingham
City Council**



What have we achieved?



Return on Investment (ROI) of over 4:1 already



Net Present Value (NPV) of £4.1 million



Future potential for an even larger ROI of 6:1 (2018-2026)



**Demonstrated
Best Value**



**Nottingham
City Council**

Return on Investment Analysis

Assessing the Socio-economic Value of Address and Street Data to Nottingham City Council



Case Studies

Data
Integration

Business
Rates

Waste
Management

Safer Housing

Social Care

Planning

Carbon
Reduction

Elections

Return on Investment Analysis

Assessing the Socio-economic Value of Address and Street Data to Nottingham City Council



Case Studies

Data
Integration

Business
Rates

Waste
Management

Safer Housing

Social Care

Planning

Carbon
Reduction

Elections

OVERALL INTEGRATION SCORE

7.9/10

National average: 6.7
2022-2023 score: 7.5



2023 Winner
GOLD AWARD for Address Data
Nottingham City Council



Key

Reliance on UPRN

Currency

Method of Update

- Good (Green circle)
- Average (Yellow circle)
- Requires Attention (Red circle)

Data Integration

Savings of £2.4 million

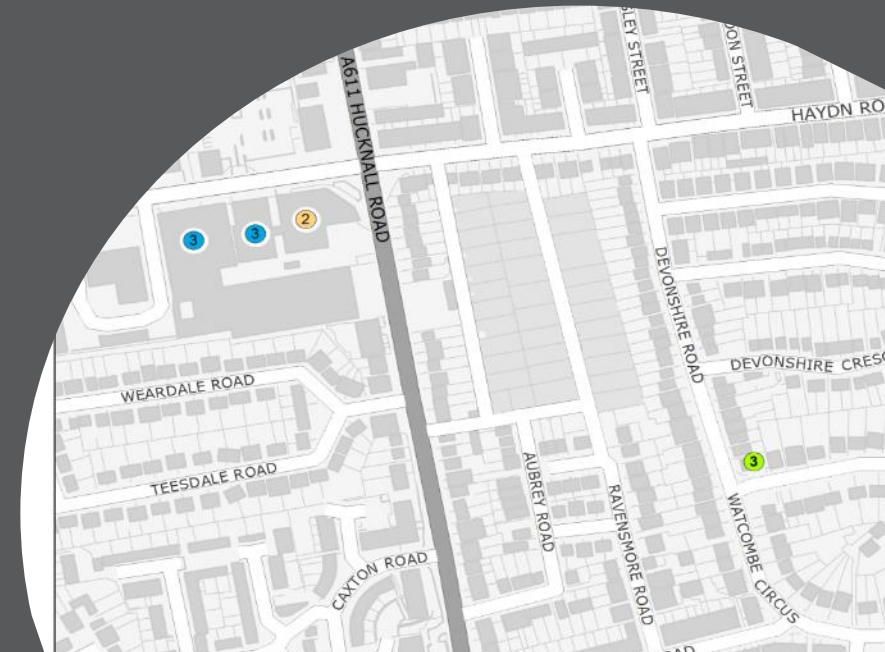


Nottingham City Council

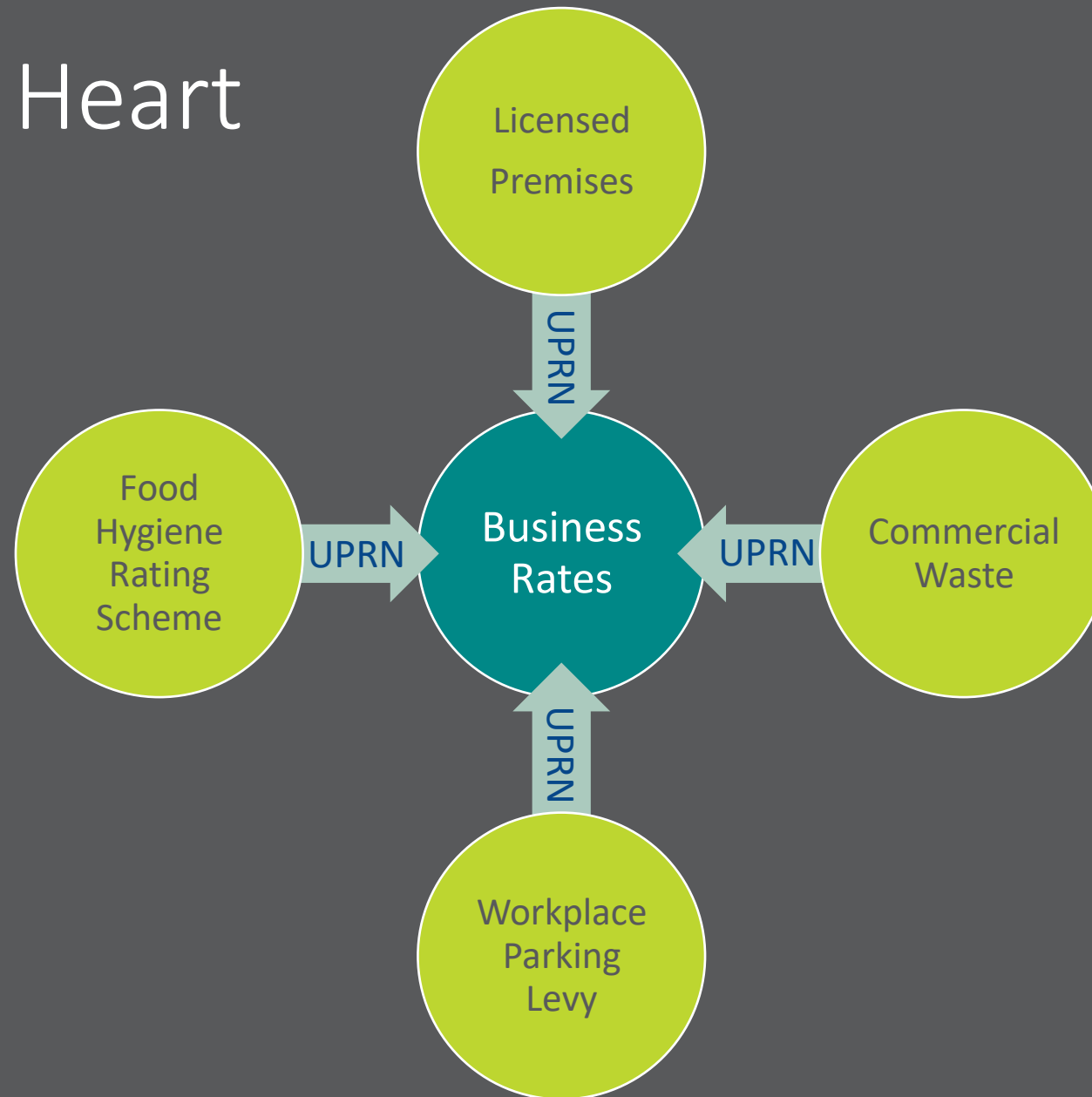
Collection of Business Rates



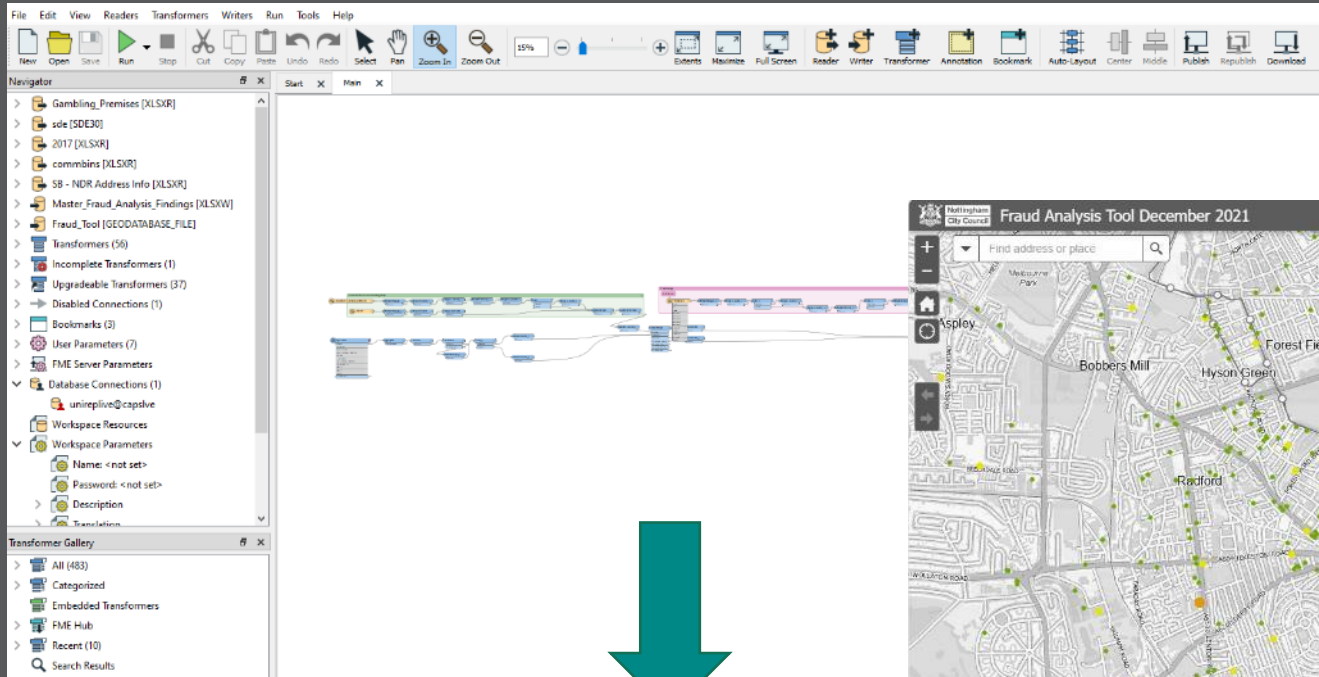
Revenue of
£5.4 million



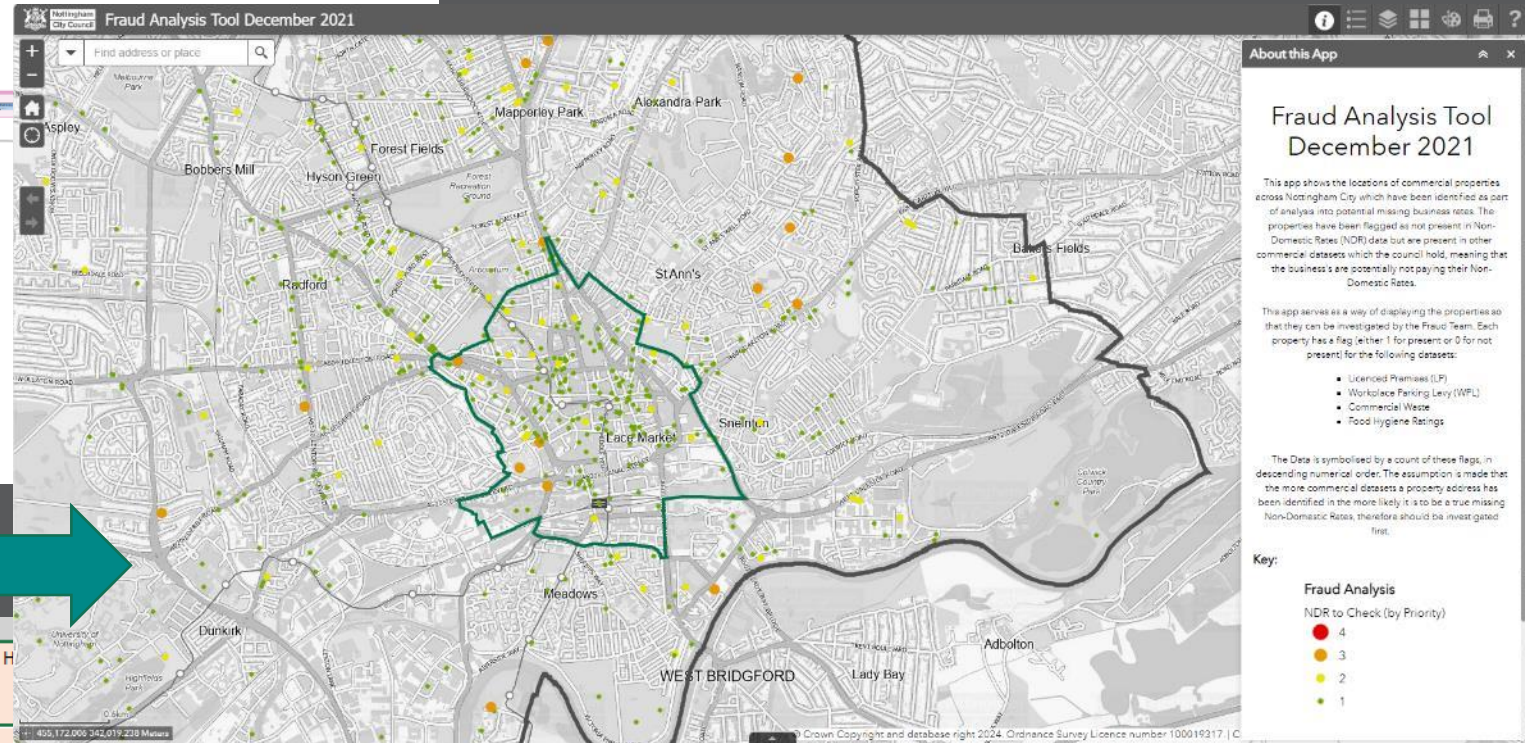
UPRN at the Heart



Data Preparation and Modelling



Results



Analysis

| A | B | C | D | E | F | G |
|----------------|-----------------------|-----------------------------------|--------|---|---|---|
| Count of Flags | Commercial Waste Flag | Workplace Parking Levy (WPL) Flag | Food H | | | |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 0 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 0 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 0 | 1 | 1 | 1 | 1 | 1 |

Waste management



Savings of
£0.6 million



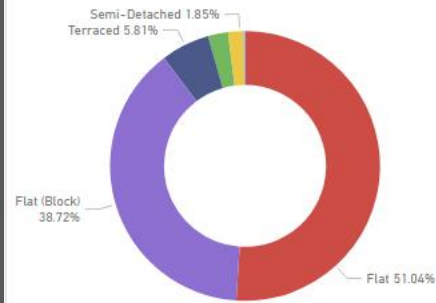
Nottingham
City Council

Food Waste Rollout Programme

Property Type Dashboard

Select Ward:

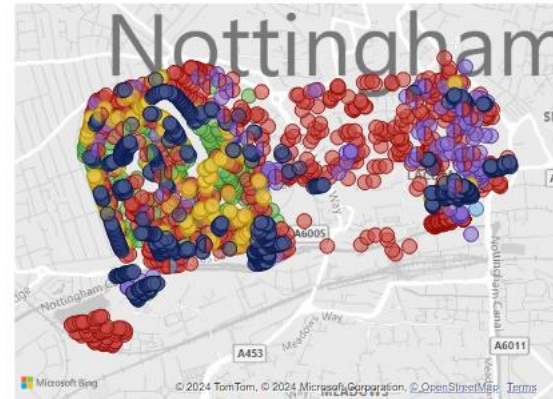
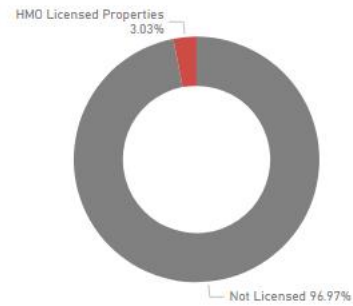
Castle



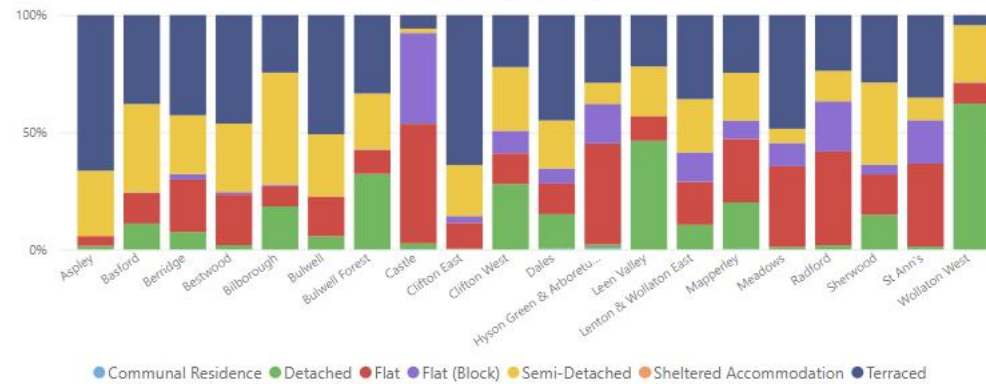
| Property Type | Number of Properties |
|--------------------|----------------------|
| Flat | 4158 |
| Flat (Block) | 3154 |
| Terraced | 473 |
| Detached | 196 |
| Semi-Detached | 151 |
| Communal Residence | 14 |
| Total | 8146 |

Data Source: LLPG (Local Land and Property Gazetteer). Data should not be relied on a property level. Please contact the gl@nottinghamcity.gov.uk for more information. Internal use only.

% of HMO Properties in Ward



Property Type by Ward



Social Care



Savings of
£0.4 million



Nottingham
City Council

Safer housing



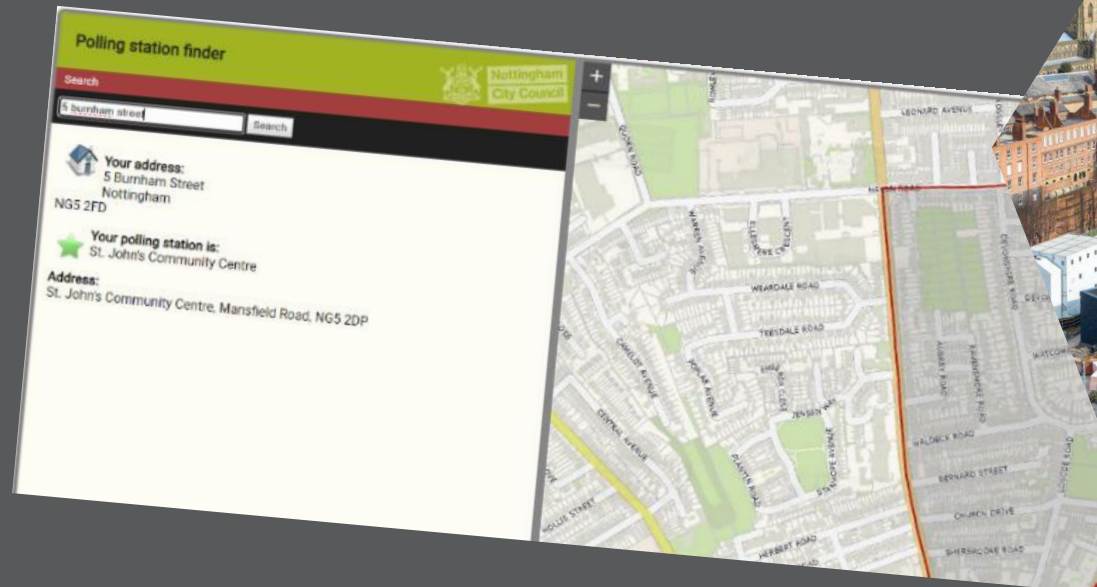
Savings of
£220,000
per year



Nottingham
City Council

Other benefits for...

- Carbon Reduction
- Elections
- Planning



Where should I start...?



Understand what you have already



Make yourself and your product known



Look at where you can make a big difference



Facilitate others

What does this mean?



BEST VALUE
DEMONSTRATED



BUSINESS AREAS
ENGAGED



DATA TALENT IS
BETTER VALUED



BUILD FOR THE
FUTURE

Thank you!

Return on Investment Analysis

Assessing the Socio-economic Value
of Address and Street Data to
Nottingham City Council

Final Report
September 2023



Nottingham
City Council



<https://www.geoplacE.co.uk/case-studies/nottingham-city-council-predicts-6-to-1-roi-on-address-and-street-data>

Sarah Abbott

GIS Data and Infrastructure Manager

gi@nottinghamcity.gov.uk



Nottingham
City Council