

Quantifying the ambient population

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Defining the ambient population



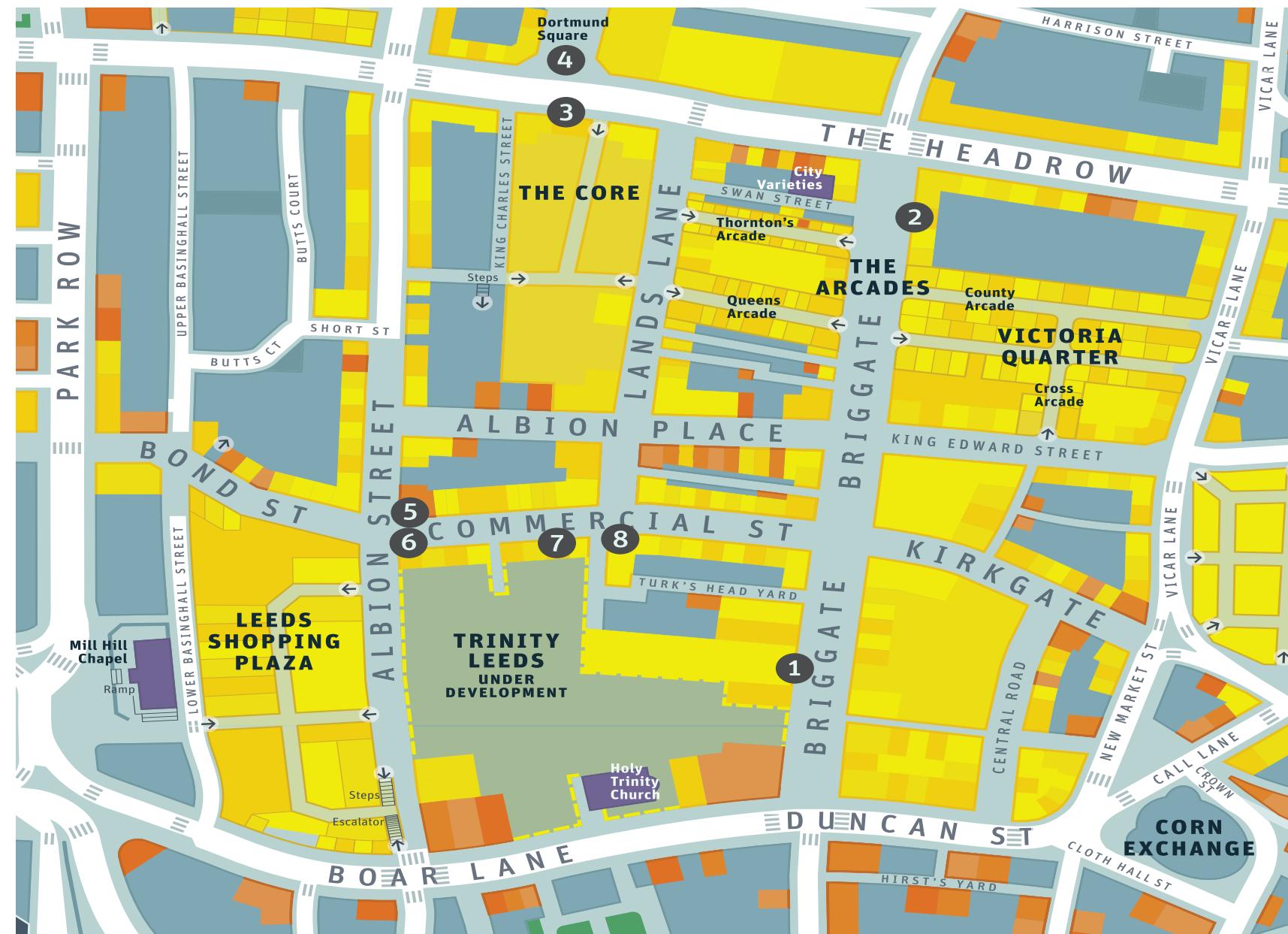
Applications of the project

- Emergency planning and risk management
- Pollution exposure
- More accurate representations of transport usage
- Destination popularity
- Urban dynamics: how the populations fluctuate and how they interact with the built environment



City Centre Footfall counters

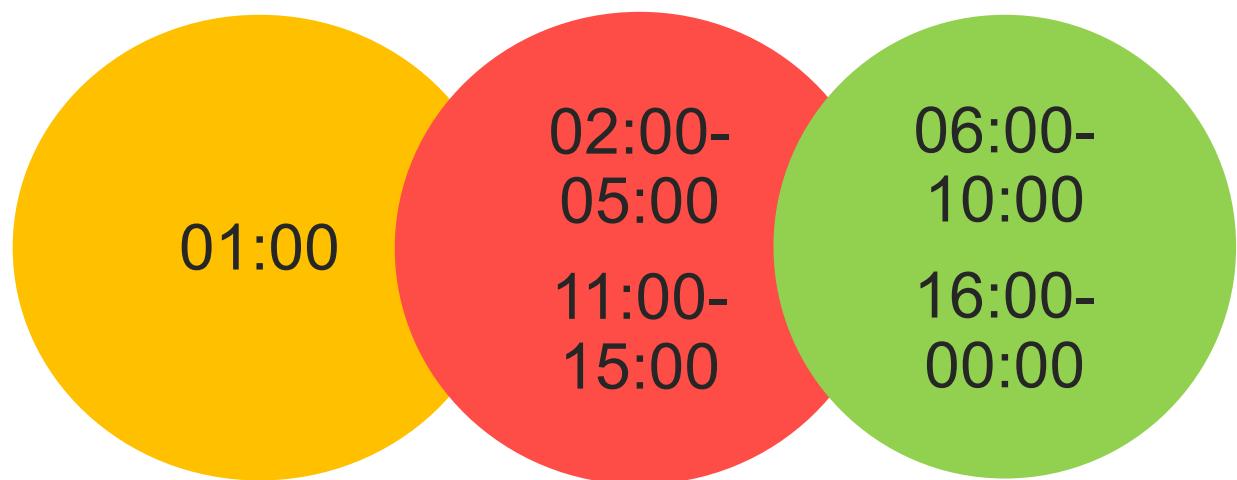
- 1 BRIGGATE
- 2 BRIGGATE AT MCDONALDS
- 3 THE HEADROW
- 4 DORTMUND SQUARE
- 5 ALBION STREET NORTH
- 6 ALBION STREET SOUTH
- 7 COMMERCIAL STREET
- 8 COMMERCIAL STREET AT BARRATTS



Identifying spatio-temporal trends



Temporal trends: 2016- 2017



Data fusion

- Combine footfall camera data with other sources, such as:
 - Wi-Fi sensors
 - Car park usage
 - Park and Ride usage
 - Train station concourse footfall data
 - Travel information
 - Geo-located social media posts



Questions

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