

Trafford pilot

**8th OpenGovIntelligence Plenary Meeting, Delft
29 May 2018**

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Recent timeline

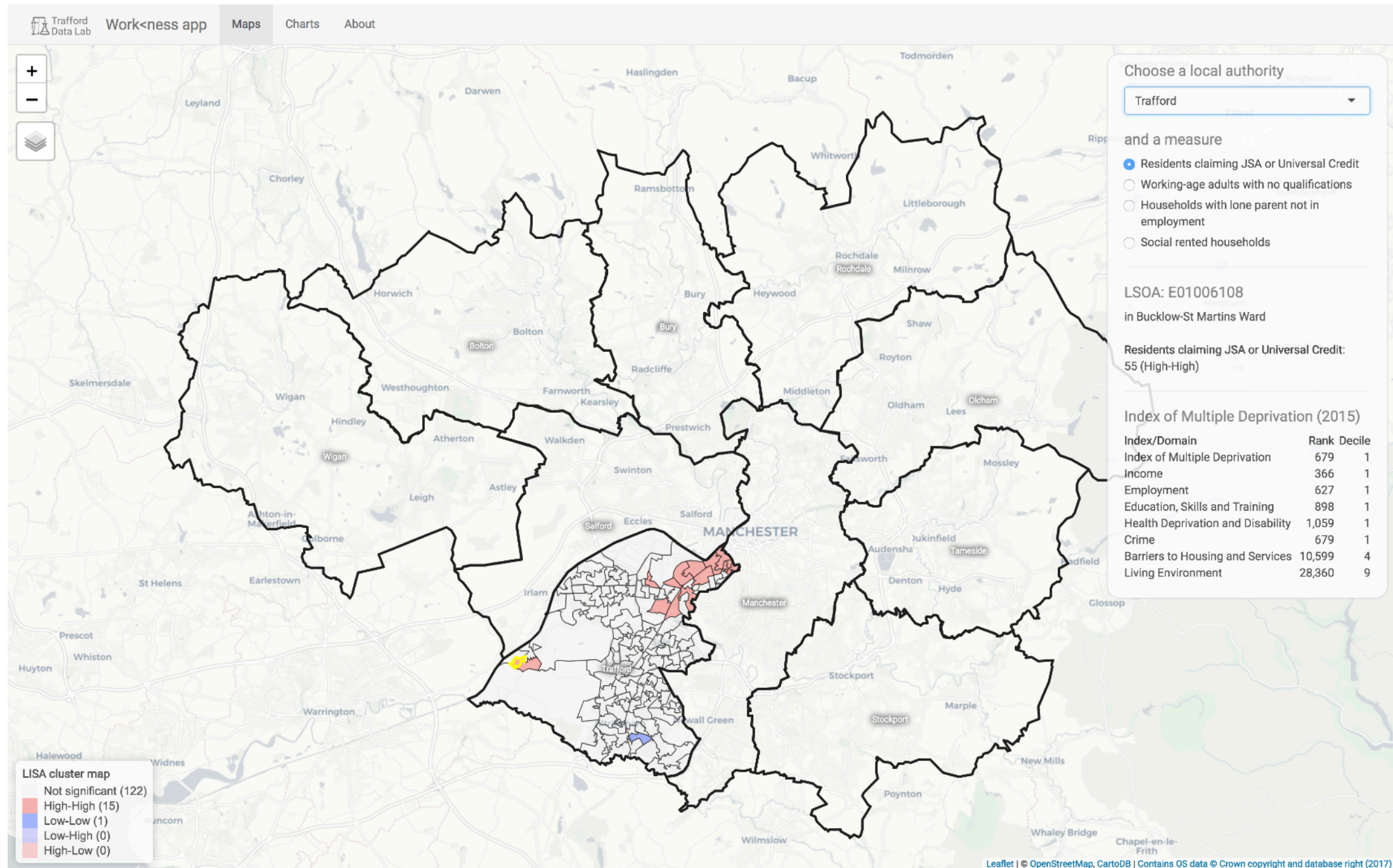
- October 2017: Co-creation workshop
- November 2017: User testing
- December 2017: User testing
- January 2018: [Medium blog post](#)
- March 2018: Meeting with Swirrl

App updates

Added datasets

- Locations of General Practice Surgeries (GPs)
- Lone parent households with dependent children (Census 2011)
- Highest level of qualification by economic activity (Census 2011)
- Employment and Support Allowance - May 2017 (Office for National Statistics)
- Households classified as social rented (Census 2011)

Focus on local authority



Feedback

System Usability Scores



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Further development

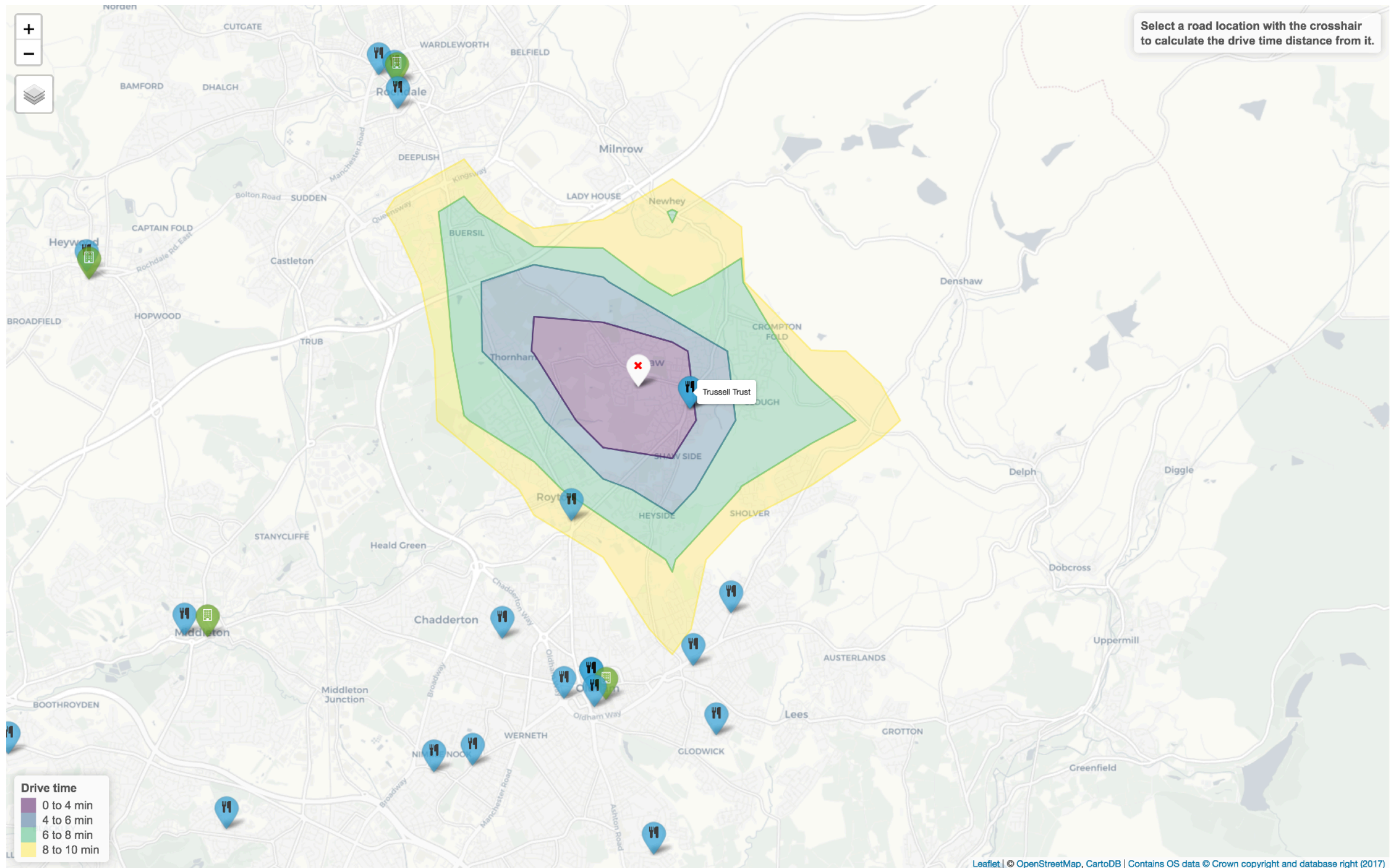
New datasets

- Refreshed all point datasets using ONS Postcode Directory to improve accuracy of geocoding
- Locations of Food Banks
- Locations of Probation Offices

New functionality

- Implementation of isochrone maps: showing areas reachable by drive time from a specified point
- Connecting the app to the GMDatastore once the datasets have been refreshed and CubiQL endpoint deployed

Isochrone map



Leaflet | © OpenStreetMap, CartoDB | Contains OS data © Crown copyright and database right (2017)

Development evaluation

- Tested SPARQL queries within the app to retrieve Indices of Multiple Deprivation (IMD) data at Lower layer Super Output Area (LSOA) from OpenDataCommunities PublishMyData instance
- Concerned about the performance - taking 30 seconds to process this query making the app unresponsive
- Developing complimentary interactive report to visualise data retrieved via SPARQL to mitigate performance issues
- Hopeful that improvements will be brought about via the deployment of CubiQL

Final evaluation

User testing

- Release the final version of the app
- Give the user group 2 weeks to use the app in day-to-day work scenarios to ensure fair reflection in survey responses
- Ensure minimum response sample $n=50$

Thanks!