



# DATA & MAKING LONDON A SMARTER CITY

Theo Blackwell, Chief Digital  
Officer for London

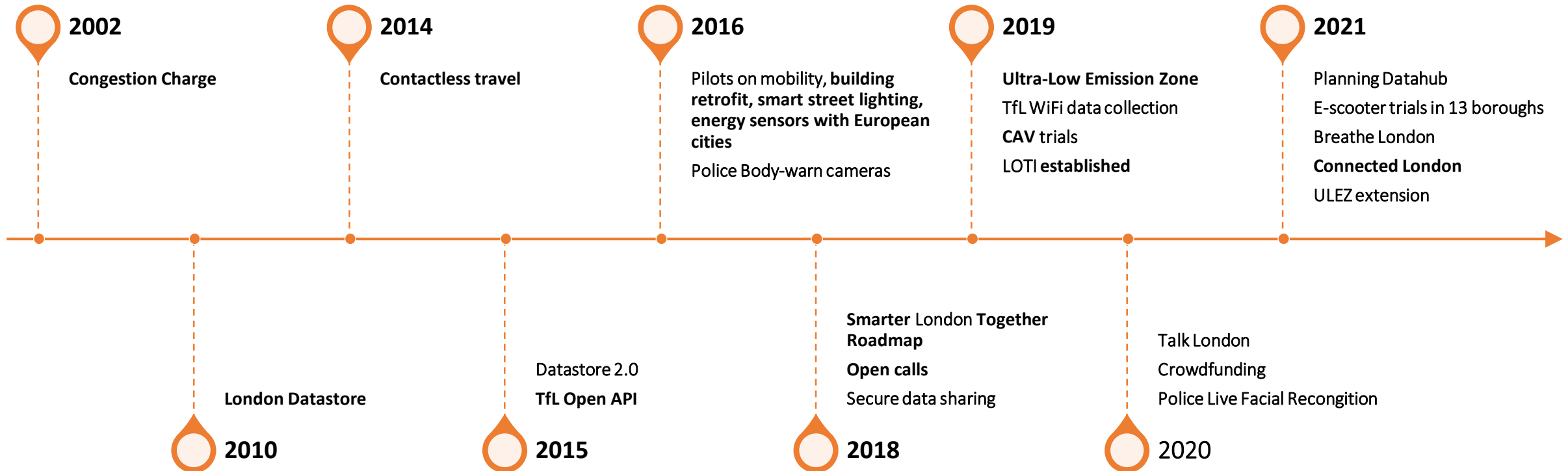
HELP US  
MAKE  
OUR CITY  
SMARTER

ARTIFICIAL  
INTELLIGENCE  
IS HERE

SMARTER LONDON  
TOGETHER

MAYOR OF LONDON

# A short smart history of London



# London's advanced tech stack, next 10+ years

ADVANCED DIGITAL  
INFRASTRUCTURE: 5G, ARTIFICIAL  
INTELLIGENCE & INTERNET OF  
THINGS



NETWORKS OF SENSORS,  
CAMERAS, DRONES, ROBOTICS,  
MOBILITY  
SERVICES, AUGMENTED &  
VIRTUAL REALITY AND  
AUTOMATED AND ALGORITHMIC  
DECISION-MAKING

## 5 MISSIONS OF ROADMAP

CHAMPION USER CENTRED  
DESIGN

CITY DATA

WORLD CLASS CONNECTIVITY  
& SMARTER STREETS

DIGITAL SKILLS

CITY-WIDE COLLABORATION

Listening Tour for  
Smarter London  
Together Roadmap

Towards a new city-  
wide data platform

Fix the plumbing  
Put people first

Emerging Tech Charter  
for London

Common digital  
principles

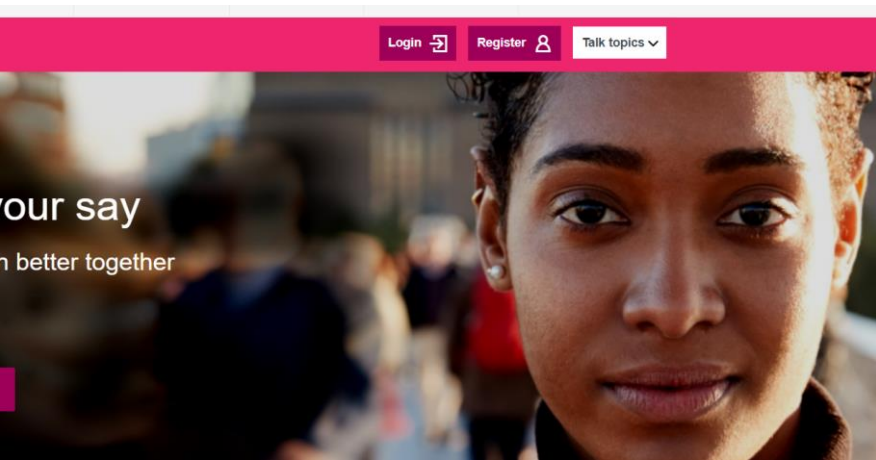
Develop open call  
approach

New teams &  
institutions focused on  
collaborative innovation

MAYOR OF LONDON



**Mayor pledges more than £300k to Crowdfund London 2020 projects**



# MORE USER DESIGNED SERVICES

New governance for all new digital, data & technology projects at city hall based on Government Service Standard

Service reviews applied to existing services

Crowdfund London and Pay-it-Forward to match fund citizen-nominated projects

Redesigned Talk London platform for civic engagement during recovery



# City data

Joining up public and private sector data to improve decision-making, create services to improve city & meet growth & climate change challenges

Datastore established in 2010 rebuilt (2.0) in 2014 to broaden the group of publishers

Current data architecture for London, sharing over 6000 datasets & metadata supporting planning, environment, economic analysis & policy development

Development of 'purpose-led' approach with deeper data sharing projects linked to city objectives

Infrastructure mapping – green, cultural, construction

Underground assets (with Geospatial Commission)

Planning Data Hub & Digital Twins (Planning & Growth)

Violence Reduction (Community safety partners)

Green infrastructure & predicting Air Quality (Alan Turing Institute, King's College London)

Spend & footfall data across 600 high streets

**MAYOR OF LONDON**

# LONDON DATASTORE

JOINED-UP DATA TO SUPPORT CITY RECOVERY

## KEY DATASETS FROM ACROSS LONDON

Central Government

London Boroughs

GLA

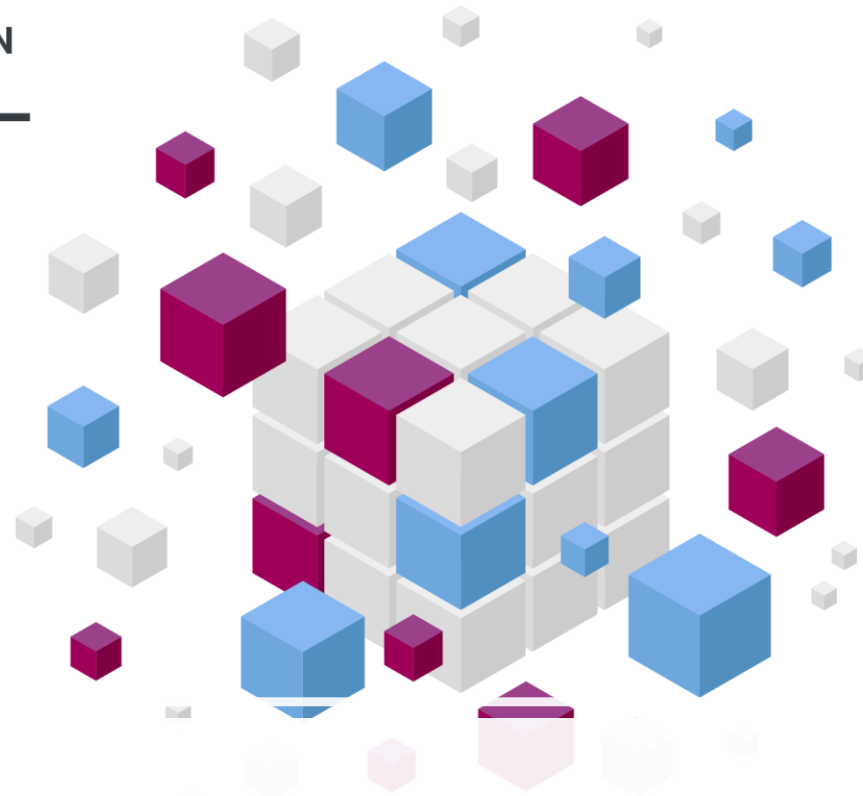
Transport for London

Civil Society

NHS & Emergency Services

Business

Universities



## SUPPORTS RECOVERY



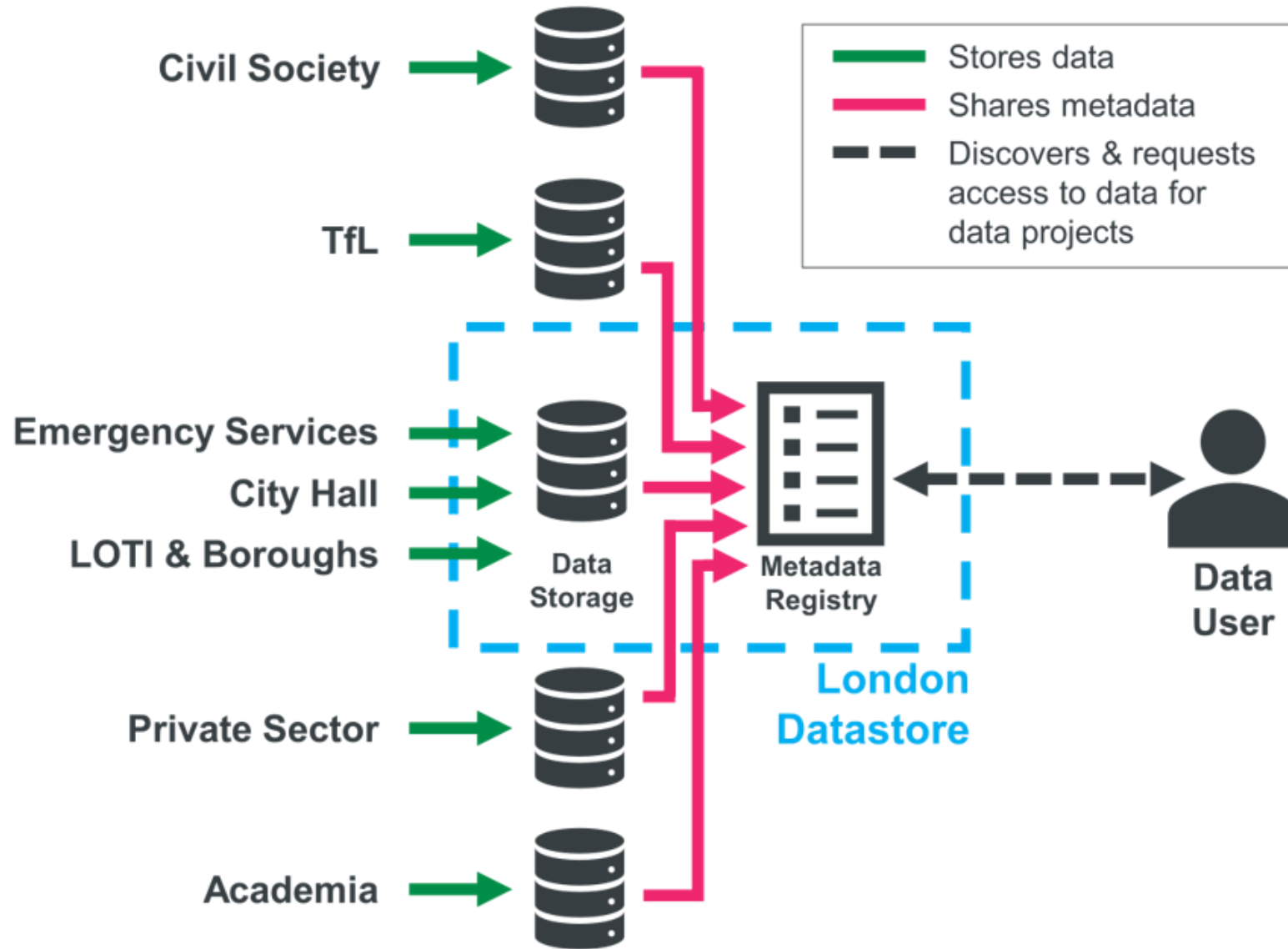
Data Projects for  
Recovery Missions



Delivery of  
Core Services

a new platform will be a *central register* of data & APIs, curated ecosystem with new **Data for London** Board, respects federated nature of London

MAYOR OF LONDON





# New institutions now enable better piloting & collaboration at scale



Smart  
Mobility  
Living Lab  
London

- London Office for Technology and Innovation (LOTI) Projects include new data-sharing & smart city governance; procurement; data deep-dives on digital exclusion, EV charging
- TfL's Innovation team: expertise on commercialisation.
- The new Smart Mobility Living Lab, supported by TfL and QEOP, positions London as the place to trial new mobility services technology in a real-world setting.
- Piloting smart technologies in the Royal Borough of Greenwich, building expertise in deploying and financing **smart technologies to support the green transition** and working with other European cities, as well as establishing a track record of mobility and green initiatives.