CitiesInCharge

Optimising public EV charge
point infrastructure

Alex Gluhak, CEO, Urban Data Collective

The Electric Vehicle (EV) challenge

EVs are fundamental to enable zero emission transport

- A successful transition to EVs requires a suitable public EV charging infrastructure

- A **tenfold increase of public EV charge point infrastructure** is need to meet EU policy targets

- Cities and local government are key to enable the successful rollout, but now face challenges to deliver on time and money
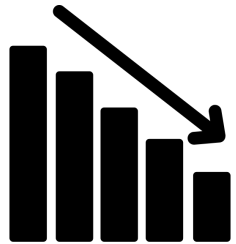
Problem: Maximising EV infrastructure utilisation

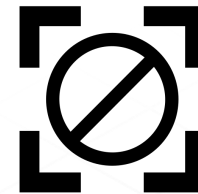**Pain points and initial solutions already explored with several pilot customers**
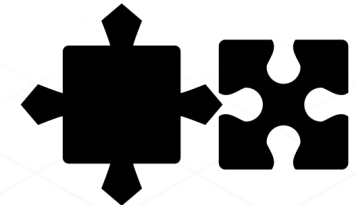
Wrong placement

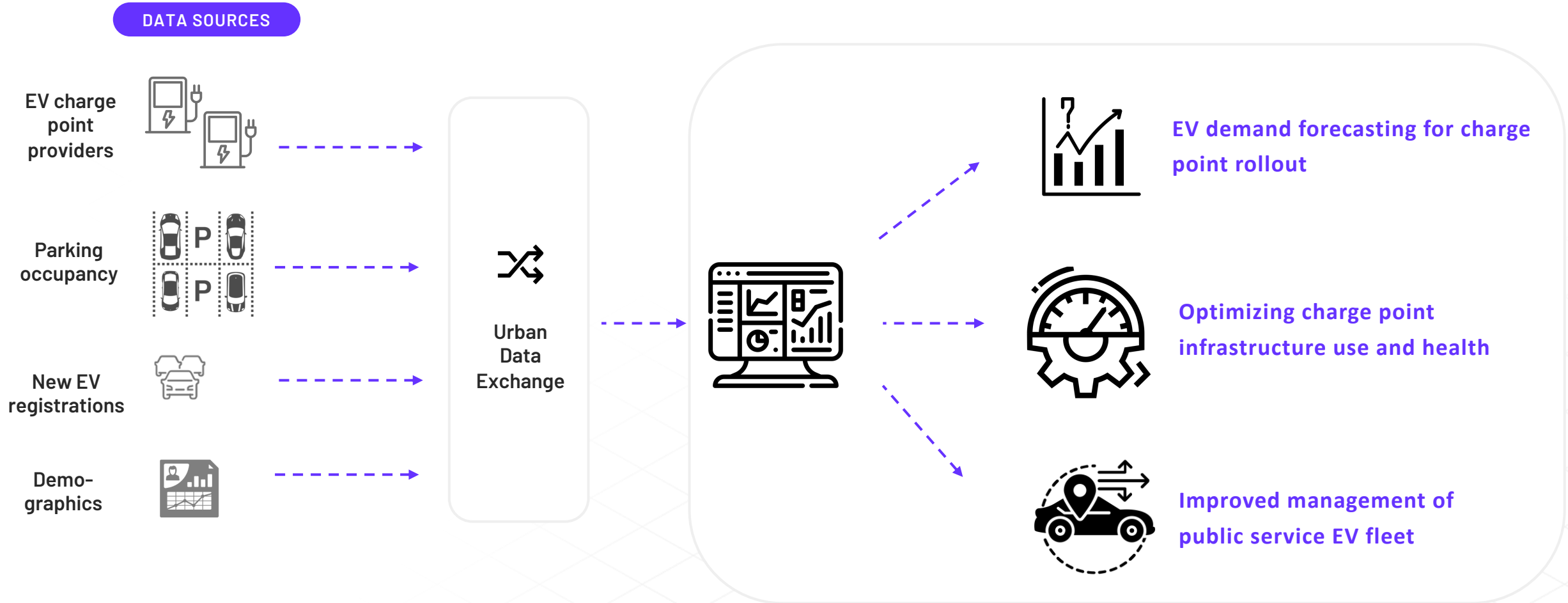**Infrastructure availability**

Enforcement of blocked charging bays

Data & solution lock-in

Solution: CitiesInCharge

Data-driven decision support tool for managing rollout and operations of public EV charging infrastructure

DATA SOURCES

EV charge point providers

Parking occupancy

New EV registrations

Demo-graphics

Urban Data Exchange

EV demand forecasting for charge point rollout

Optimizing charge point infrastructure use and health

Improved management of public service EV fleet
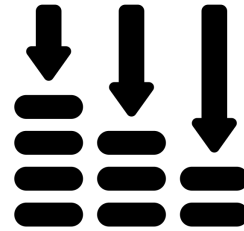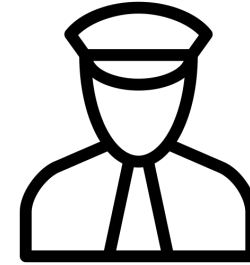
Business benefits

Maximising EV infrastructure utilisation
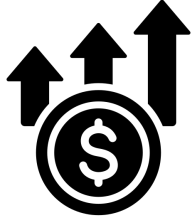
Higher revenue
per charge point

Savings in infrastructure
investment

Cheaper enforcement
of compliant use

Better citizen
experience and
quality of life
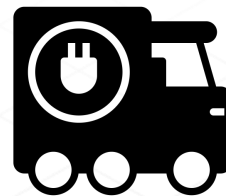
Faster NetZero
transition of fleet

Improved supplier
contract management
and competition

Business model

Urban Data Collective

From now to 2024

2024+

B2B SaaS subscription

Annual platform subscription

€25k* ARR per organisation

+

Setup & data integration

One off fee

€ 5k

+

Data insight products

Benchmarks and data insight services

€5k/report or €10k ARR subscription
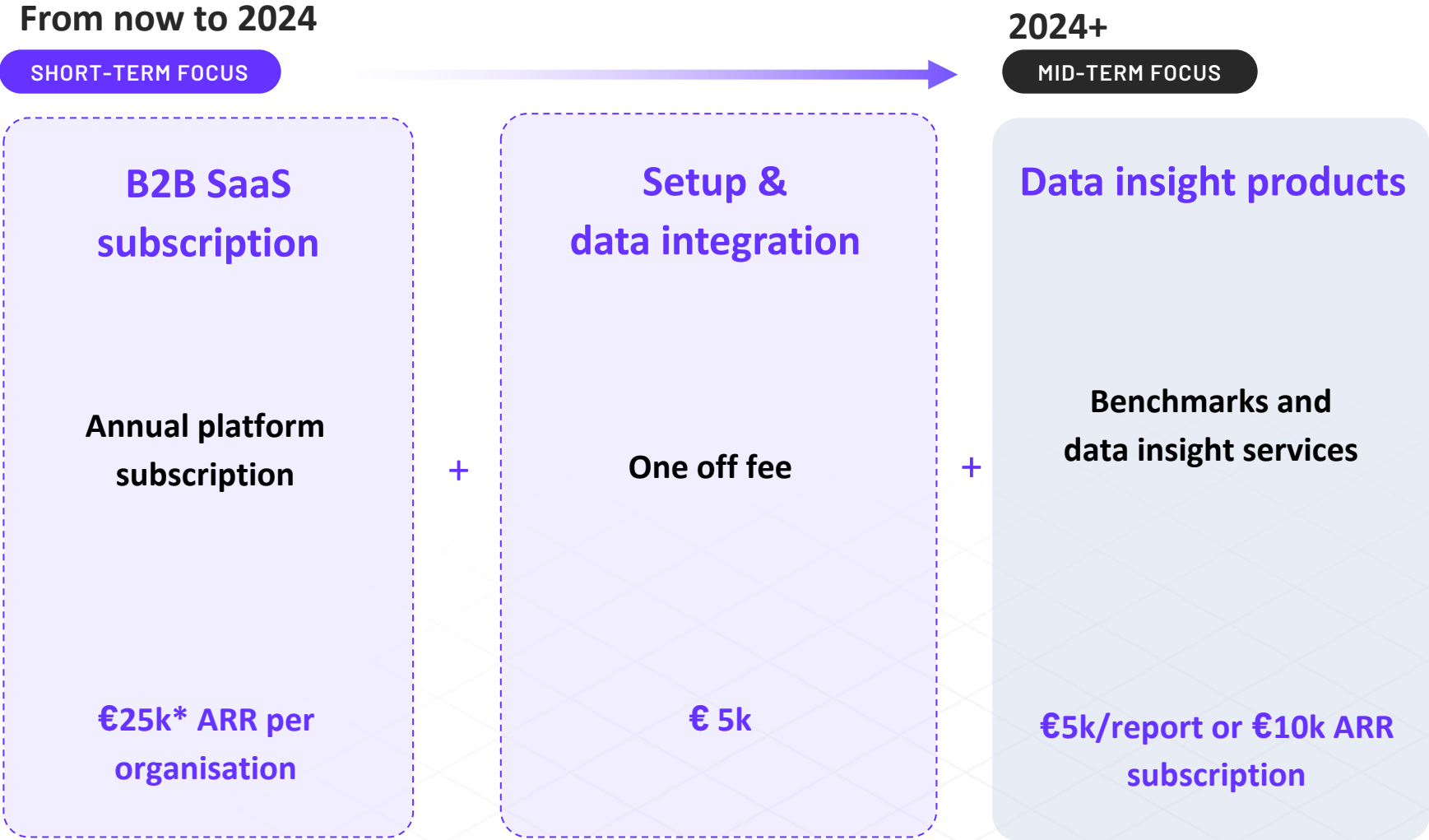
* Less than the price of a single DC charger

Market opportunity

Global EV infrastructure market

Market to grow from **14.9Bn** to **$115.47bn by 2027** [1]

Cities & local authorities with 100k+ population

UK: 150
EU : 600+
Global: 4,000+

Within the next 24 month

15 UK local authorities
5 EU cities

TAM

SAM

SOM

€109bn

€150Mio

€600k

[1] https://www.precedenceresearch.com/electric-vehicle-charging-infrastructure-market
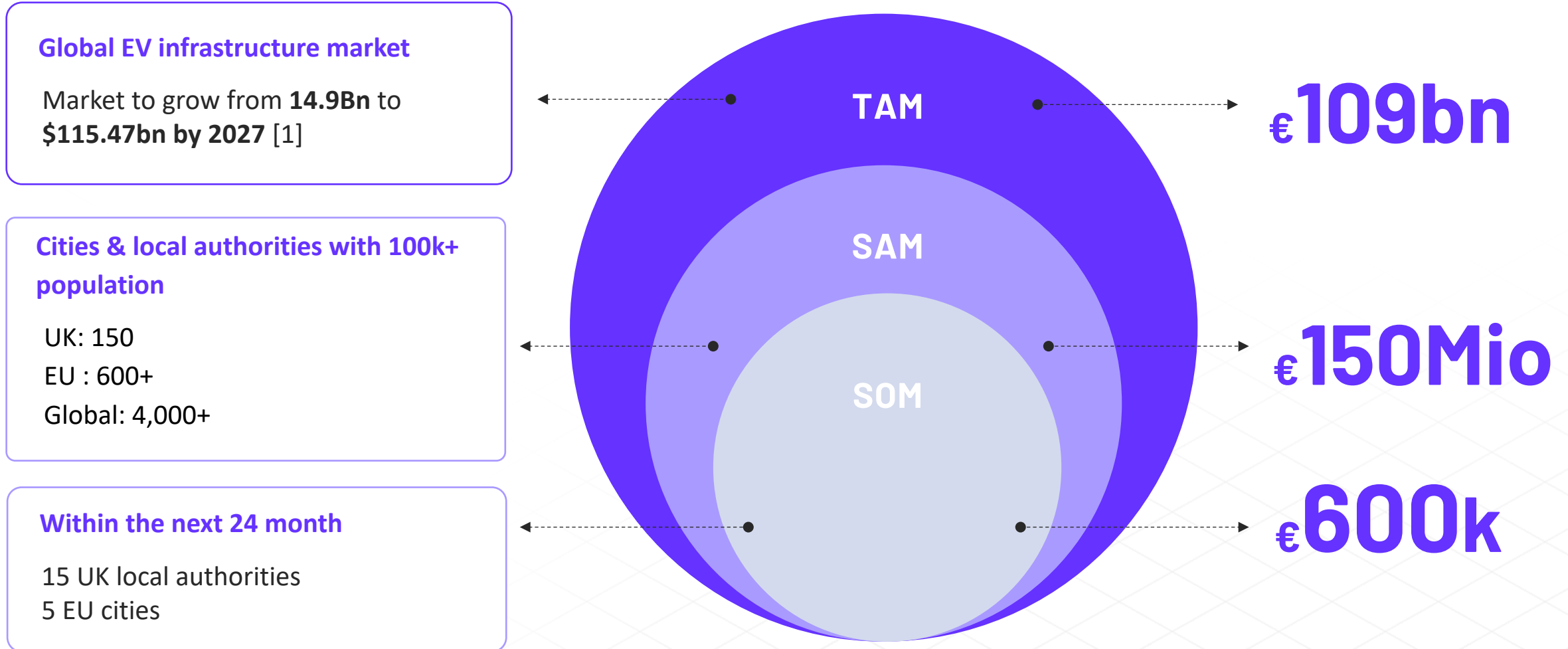
Experience and traction

Current pilot customers

GREATER LONDON AUTHORITY

Real-time data integration across multiple charge point providers

Transport for West Midlands

EV charging bay enforcement

SURREY COUNTY COUNCIL

Data provider
for REACH data incubator

eit Digital

UKRI Innovate UK

REACH

The team

Urban Data Collective

FOUNDERS

BD & SALES

DEVELOPMENT & DESIGN

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IoT and Smart City leader with 20yrs experience

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