Interreg
North-West Europe
eHUBS

eHubs in Greater Manchester

2020-04-21

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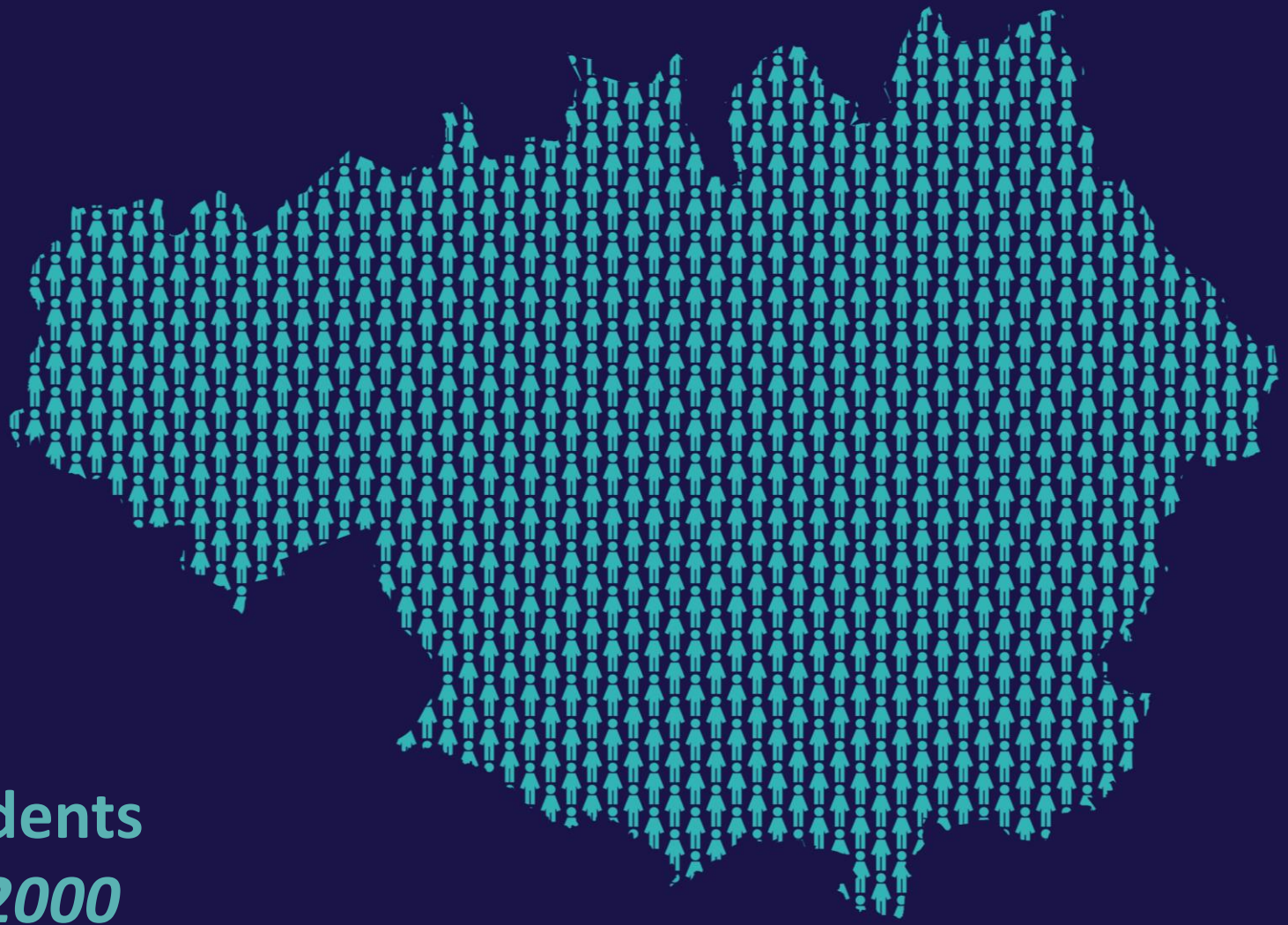
1a. Introduction to Greater Manchester

1b. Introduction to Greater Manchester

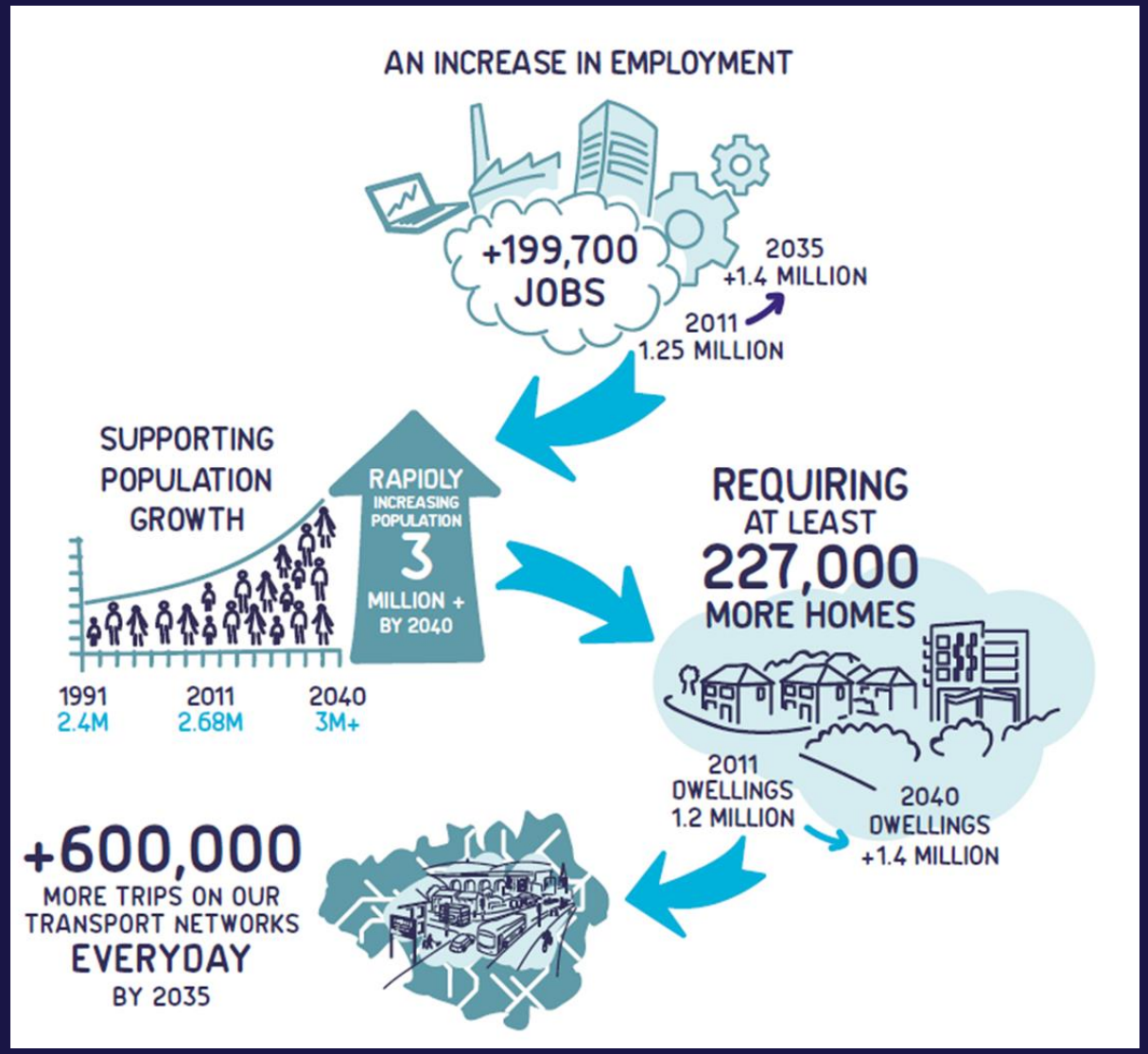


2.78 million residents

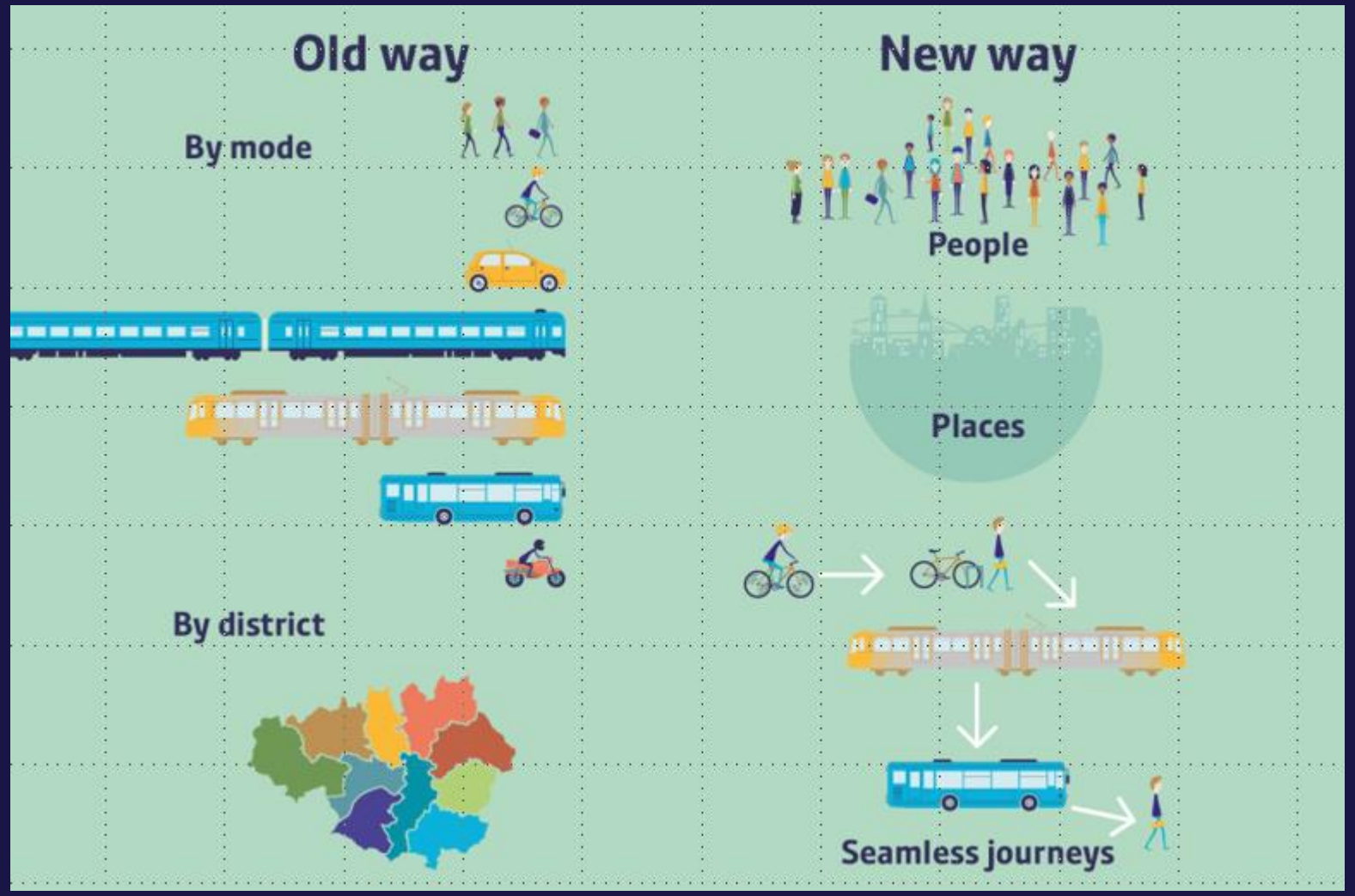
+ 240,000 since 2000

1c. Introduction to Greater Manchester

- GM is set to grow rapidly over the next 20 years.
- We need to deliver this growth in a sustainable and inclusive way.
- Ensure it is robust – challenges of COVID-19, negative environmental impacts.



1d. Introduction to Greater Manchester



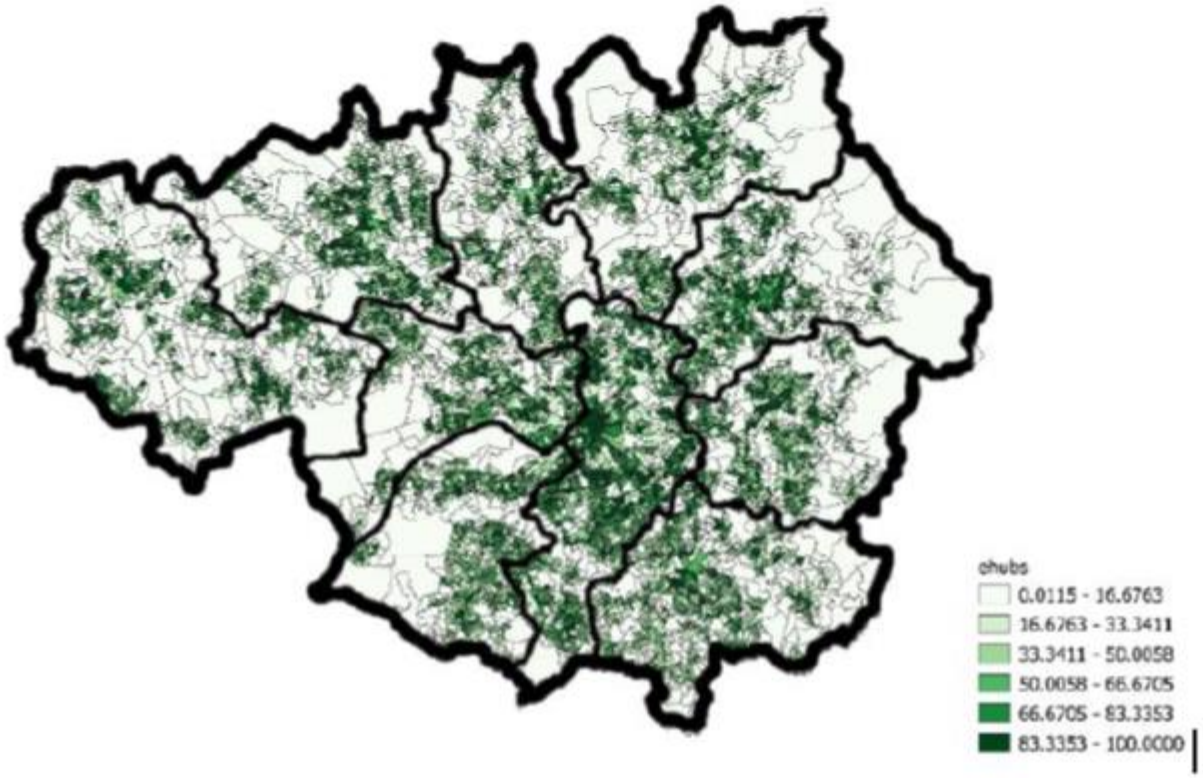
2. What?

- 5 – 10 shared electric cars (battery electric vehicles)
- 25 shared electric cargobikes (battery swap)

3. Why?

4a. Where? Area selection

'quick scan' for eHUBS potential by Technical University Delft shows that whilst each district has areas of high potential for eHUBS, MCC has the greatest density of potential.



Factors considered in TU Delft analysis:

- Population density
- Age
- Bus stop density
- Level of accessibility
- Presence of demand generators (i.e. shopping centres, office area etc)

Factors considered in analysis conducted by TfGM:

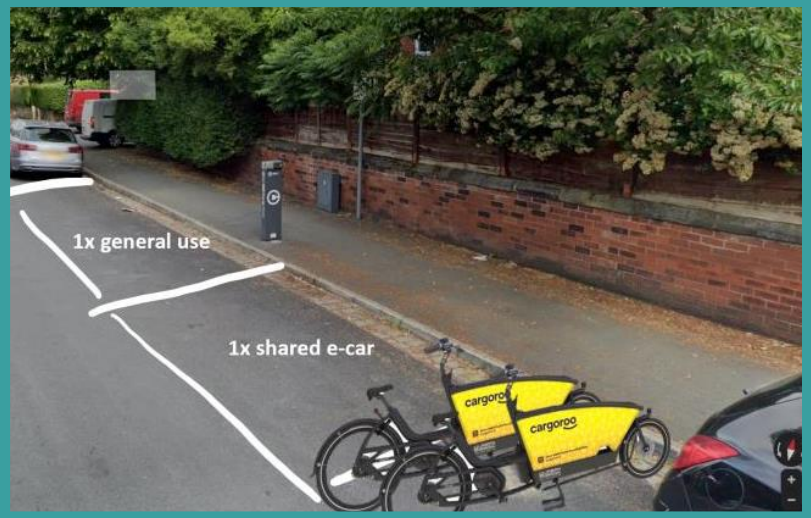
- Socio-demographics
- Cycle use
- Presence of cycle infrastructure
- Political considerations
- In-flight "competing" schemes

4b. Where? Selected areas

Bury (north Manchester)

Chorlton (south Manchester)

5. Where? Site selection



Considerations for site selection:

- multiple land owners with bespoke challenges.
- Crime/anti-social behaviour.
- Safety.
- Cannot create barrier to people with mobility impairments.
- Existing demand for EV charging posts.
- Feasibility of installing new charging posts.

6. Challenges