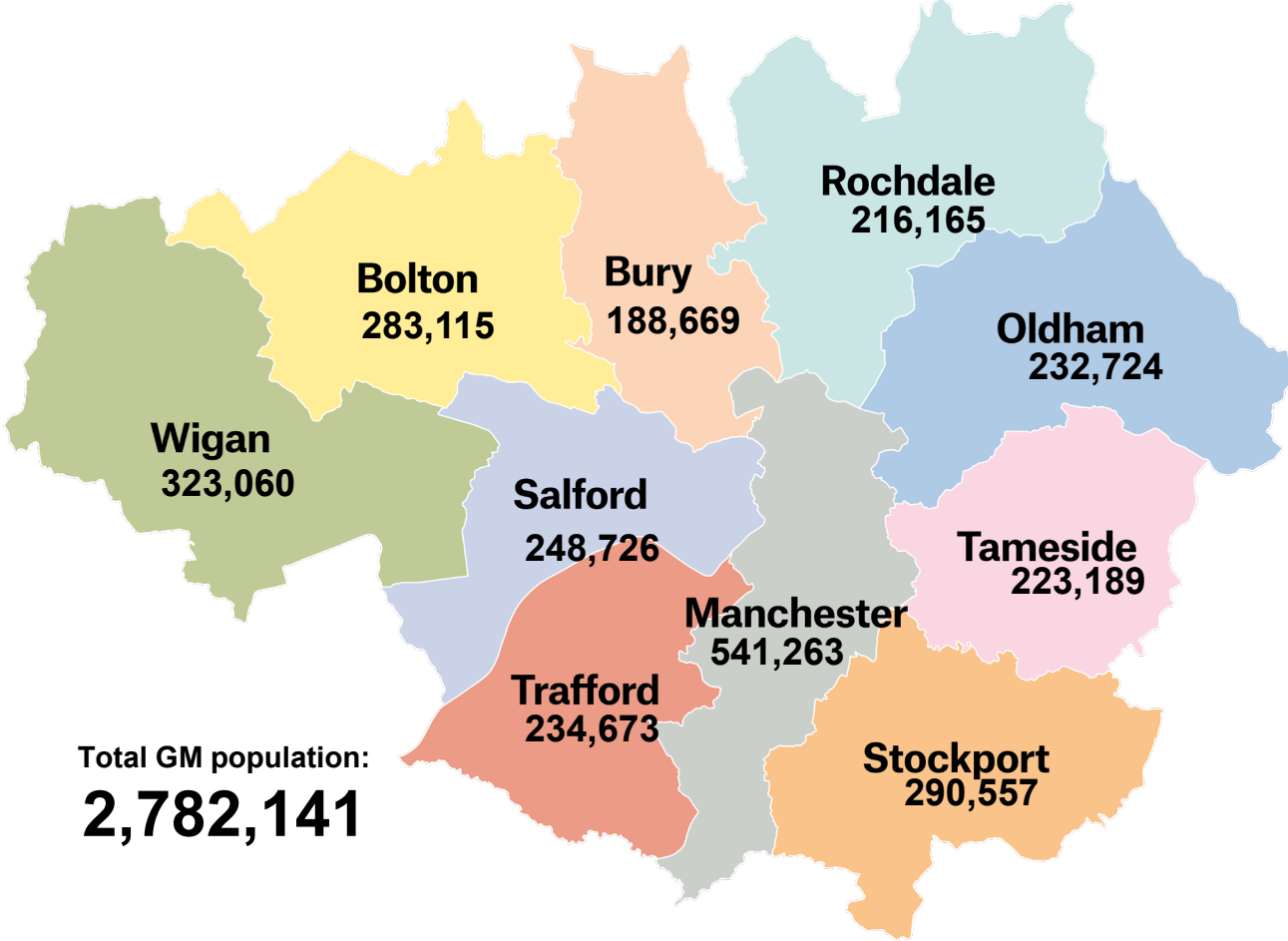


# Embedding the Circular Economy into Greater Manchester

Sarah Mellor  
Head of Sustainable Consumption & Production  
Greater Manchester Combined Authority

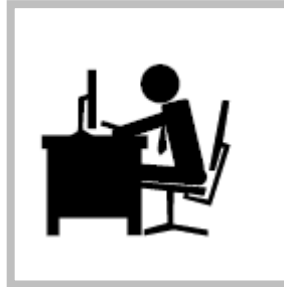


# Geographical Location



# Economic Context

2.8m people  
+240,000 since 2000



1.3m working in GM  
+100,000 over next 10 years

122,000 businesses



Over 100,000 Higher Education Students  
at 6 HE Institutions

## Gross Value Added



BIGGER THAN



# Economy and Sectors

## Economy

In terms of employment and GVA , the largest sectors in GM in 2017 were:

- *Business, Financial & Professional Services: 305,500 jobs (22%);*
- *Wholesale and Retail: 230,000 jobs (17%) – of which Retail accounted for 138,000 jobs (10%); and*
- *Health & Social Care: 163,500 jobs (12%)*

There were 122,340 businesses in GM in 2019. Of these,

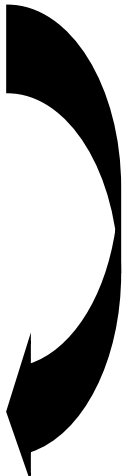
- 102,245 (84%) were micro-sized (0-9 employees);
- 15,865 (13%) were small-sized (10-49 employees);
- 3,640 (3%) were medium-sized (50-249 employees); and
- 585 (0.5%) were large-sized (over 250+ employees).

This compares with shares of 84% (micro), 13% (small), 3% (medium), and 0.4% (large) for the UK

## Sectors

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- *Wholesale and Retail: 230,000 jobs (17%) – of which Retail accounted for 138,000 jobs (10%); and*
- *Health & Social Care: 163,500 jobs (12%)*



**Place:** Prosperous Cities, Towns and Communities across Greater Manchester

**Twin-track approach:** (1) Building on our strengths and opportunities and (2) supporting the foundations of productivity

## Health Innovation

Global leadership on health and care innovation, improving population health and extending healthy lives

## Advanced Materials and Manufacturing

A world-leading region for advanced materials, within a Made Smarter innovation ecosystem

**People:** Creating an integrated all-age skills and work system that ensures everyone reaches their potential and employers have the skills to deliver our Industrial Strategy.

**Infrastructure:** Putting in place the integrated 21<sup>st</sup> Century infrastructure needed for digitally-driven, clean and inclusive growth

## Digital, Creative and Media

A leading European digital city region, with internationally significant media and cyber security clusters

## Clean Growth

A mission to deliver carbon neutral living by 2038, improving quality of life and creating new jobs

**Ideas:** Driving prosperity and leading industrial, social and economic transformation through innovation, partnerships and investment

**Business Environment:** Transforming productivity by strengthening leadership and management, increasing innovation adoption, and raising export levels

# 5 Year Environment Plan



**GMCA**

**BOLTON**  
**BURY**

**MANCHESTER**  
**OLDHAM**

**ROCHDALE**  
**SALFORD**

**STOCKPORT**  
**TAMESIDE**

**TRAFFORD**  
**WIGAN**

### Supporting innovation in technology

Innovation ecosystem to support all firms to be innovative, supporting the creation of new products and services (e.g. Energy Transition Region proposals)

### Taking new approaches to funding and financing

Long-term sustainable funding models for infrastructure.  
Developing business models in unproven areas (whole house retrofit; natural environment)

### Building on public and private sector partnerships

Continuing the engagement from 2018 Green Summit, with GMCA convening stakeholders around key challenges and through a mission-oriented approach

### Showing leadership

A set of commitments from GMCA/LAs, plus health and social housing providers, showing we are leading by example.

### Engaging & educating residents, communities and businesses

Make a programme of carbon literacy available to young people through the GM Careers Portal, in addition to our own commitments on carbon literacy for staff in procurement.

### Upskilling our workforce

Engage the sector in BridgeGM, to better link business leaders into schools and colleges.



# Moving GM to a circular economy



## • The Challenges?

- Move to alternative buying options
- Incorporate sustainably in public sector procurement
- Maximise resource efficiencies in design & production to reduce, reuse and switch to sustainable alternative, moving to circular economy models
- Develop initiatives to stimulate industry, innovation, jobs & skills

# GMCA

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