

# Green Jobs and Skills in London

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8.92 million people live in London's 32 boroughs

If London was a country, it would be the 96<sup>th</sup> largest in the world

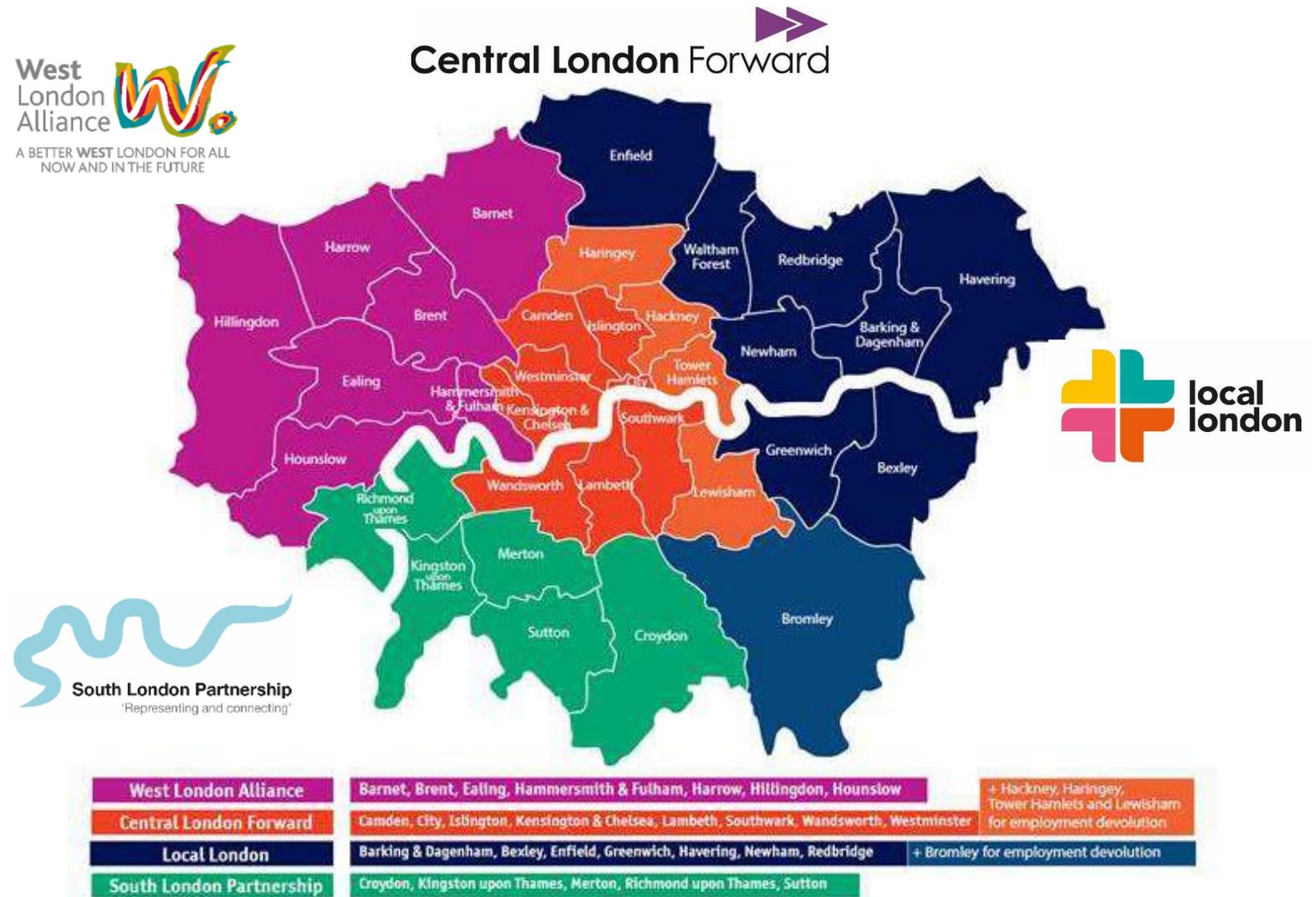
London is big and complex



There are 1.04 million businesses in London

- Four SRPs enable fast engagement with 32 boroughs
- We also work together

# London's four sub-regional partnerships



- Focus on economic growth, reducing inequality, and skills and employment
- London sub-regions are very different

# Green Jobs and Skills Research

The four sub-regional partnerships worked together to commission research on green jobs and skills from the Institute of Employment Studies and WPI Economics

We commissioned:

- A pan-London summary and four sub-regional reports

We wanted to:

- Develop an agreed definition of green jobs
- Understand current and future need and opportunity by sector and location
- Understand the number of potential jobs and the skills needs of employers
- Understand the timeline for demand
- Use the research to stimulate planning and collaboration so that employers can access a skilled workforce
- Stimulate economic growth
- Support the GLA Green New Deal Mission

# Opportunity

Key points from the report are:

- The transition to net zero represents an unprecedented opportunity for the capital's economy, with the prospect of over 600,000 green jobs by 2030.
- The research shows that the green sector is already important for London's economy. In 2020 there were 234,000 jobs in green sectors in the capital, accounting for nearly one in 20 jobs (4.4%). The power (83,000), homes and buildings (58,000), and green finance sectors (51,000) accounted for most green jobs. London's green sector generated £42bn of sales in 2020/21.
- London will see rapid growth in green jobs in the coming years, as the sector becomes increasingly crucial for the capital's economy. The research forecasts the number of green jobs will increase from 234,000 in 2020 to 605,000 in 2030, and over 1m by 2050. This represents an increase of almost 350% in just three decades. Job growth will be fastest in green finance and low carbon transport.
- The report highlights the potential to use the shift to a green economy to tackle deep inequalities in London's labour market, by helping disadvantaged Londoners into good quality jobs.

# The need for change

The GLA have funded green sector skills academies in the four sub-regions to help colleges and training providers to develop a skilled workforce that meets the needs of employers now and in the future

- The research found that London has 390,000 jobs (7% of London employment) in carbon intensive sectors that will need to change substantially due to the transition.
- Construction, land transport and aviation accounted for the majority of these jobs
- Re-skilling of the existing workforce will be crucial to ensure their skills remain relevant

# Pan-London jobs growth

We adopted a mission-based definition:  
Green jobs are those jobs that facilitate meeting net zero and broader environmental goals

## Projected job demand

- Largest increases to 2030 amongst skilled craft workers
  - 17,500 more electricians – 140% increase
  - 12,600 more gardeners and landscape gardeners – 160% increase
  - 9,900 more plumbers and heating and ventilation engineers – 161% increase
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- Largest increases to 2030 among manual/professional/technical workers
  - 24,900 more business associate professionals (business systems analysts, data analysts etc) -61% increase
  - 15,200 more management consultants – 167% increase
  - 9,800 more production managers in construction – 161% increase

## A Call to Action

- The green jobs and skills agenda also has an imperative for London.
- It presents an unprecedented opportunity for economic growth, but we need to drive the agenda to establish confidence between employers, businesses and the public sector and education and training providers about the type of demand and timescales involved.
- This is crucial, to ensure that employers are ready and have the skilled workforce that they need to take advantage of the opportunities in the market and support the drive to net zero.
- If we do not drive the agenda regionally and sub-regionally, we risk a situation where businesses and the public sector are not able to let contracts because there are not enough employers with skilled workforces ready to take on the work, and this will affect our ability to achieve net zero.

**Central London Forward** 

 **local  
london**

**West  
London  
Alliance**   
A BETTER WEST LONDON FOR ALL  
NOW AND IN THE FUTURE

  
**South London Partnership**  
'Representing and connecting'

## A Call to Action

- Employers need more certainty of demand from local authorities and businesses in order to invest in skills training and development for their employees and investing in new green jobs.
- Education and training providers need more certainty of employer demand and timescales in order to provide increased investment in green skills development. Qualifications are lagging behind the sectors, and providers will need to invest significantly in capital, staff training, and recruitment, and in the development of qualifications and apprenticeships
- We also risk a situation where employers will not have upskilled their workforces sufficiently, and the skills of existing workers become obsolete, risking unemployment. Contracts go to businesses outside Local London and our economy suffers as a result

We have a unique opportunity to build an effective partnership to secure the economic opportunity for people and businesses that green jobs can offer, and build a productive green economy for a greener London.



# Links to the research reports

## Mayor of London's Green Sector Skills Academies

[GLA Economics](#) (Identifying Green Occupations in London) and [RCU](#) (Green Skills Adult Education Provision in London) reports

[Pan-London green jobs and skills report](#)

[Local London sub-regional report](#)

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[Central London Forward sub-regional report](#)

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