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Skills for a Sustainable Skyline Taskforce



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Collaboration and learning



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Research and partnerships



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Do you know that

80% of buildings that will exist in 2050 have already been built



2021
Retrofit research paper



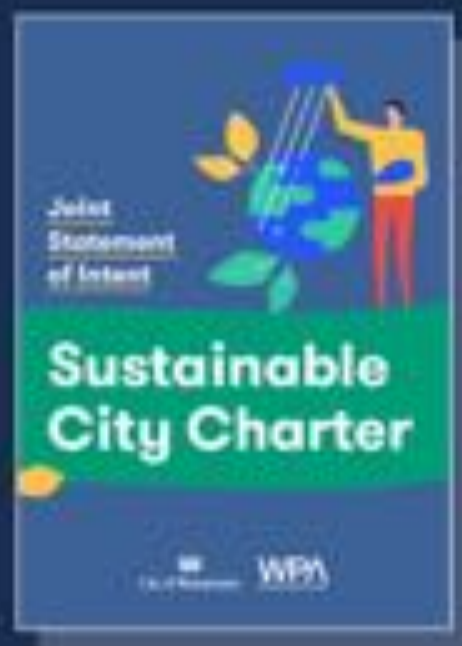
Download the
research paper

Sustainable City Charter



The Charter will be built on five core principles:

- A focus on existing buildings
- Flexibility, so that it can be applied to individual circumstances
- Broad-based – in order to promote its use by as wide a range of occupiers, building owners and developers as possible
- Voluntary
- And public



2022
Sustainable City Charter

The importance of upskilling the sector



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Literature review

- London will be crucial. 325,240 non-domestic premises (2020-21), over 1 in 7 of such properties in England. 264,000 people worked in construction in London, Sept. 2021, 4.4% of all jobs in the region.
- Retrofit is crucial. Without action, by 2050 around 95% of operational emissions will come from buildings that already exist today



Literature review

- Based on the CIT report “Building Skills for Net Zero”, 350,000 FTE additional workers will be needed by 2028 (~ 58,725 in London)
- There will be a need for about 62,500 heat pump installers (~ 10,500 in London)





Growing skills challenge in the built environment sector

- A third of construction jobs are hard to fill
- The built environment sector lacks diversity. Not perceived as an attractive career for Londoners
- Skills challenge expected to grow, in line with greater demand for retrofits, modern methods of construction and green building management
- This creates barriers to achieving London's net zero carbon targets, and building an attractive and sustainable built environment

What do built environment professionals think?



- 94% said the sector lacks sufficient skilled workers to achieve Net Zero targets
- 87% said the lack of workplace diversity is an issue for the sector
- 75% agree there is a growing 'green skills' gap in the commercial built environment
- 70% want more industry involvement in development of qualifications and career pathways
- Future job roles emerging – Embodied carbon assessor, sustainability engineers

How will the taskforce be run?



Emerging themes



Skills profile

Lack of detail/
consistent
definitions from
employers re; roles
/ skills required.

Momentum & timing

Cop 26 has
created
enthusiasm and
good will.



Collaboration

Lack of
collaboration
between employers
and skills providers.
Positive activity
in London but
largely focused on
domestic buildings,
and not joined up.

Attraction & retaining

Upskilling /
reskilling existing
workforce must go
hand in hand with
attracting new
entrants.



What impact do we want to have?



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Thank you

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