

6 essential building blocks for a Net Zero City

Urban spaces are one of the biggest opportunities for meaningful transformation when it comes to achieving climate goals. Here, our experts highlight 6 of the most important building blocks for a society-transforming Net Zero City.

Find out more at:

sweco.co.uk/net-zero

Smart Infrastructure

Use innovative digital solutions and integrated technology to optimise energy and water usage, reduce waste and minimise environmental impact across the built environment.

Sustainable Energy

Prioritise renewable energy, such as solar and wind power, to create a sustainable and environmentally friendly system that reduces carbon emissions and improves air quality.

Sustainable Transport

Encourage sustainable transport by providing efficient, affordable, and attractive multi-modal alternatives to private cars, such as public transit, cycling, walking and electric vehicles.

Air Quality

Improve air quality by reducing fossil fuel consumption, increasing renewable energy sources, promoting sustainable transportation and collaborating on biodiversity.

Community Engagement

Engage and empower residents to participate in sustainability initiatives, such as community gardens and composting programmes, to create a culture of social responsibility.

Green Spaces

Prioritise the creation and preservation of green spaces, such as parks and urban forests, to improve air quality, reduce urban heat islands, and provide recreation and wellbeing opportunities.

Following a circular economy approach

Changing the processes and materials used in the built environment, with a mindset shift from traditional linear methodologies (wasteful) to circularity innovations (resourceful), is critical to realising net zero goals.