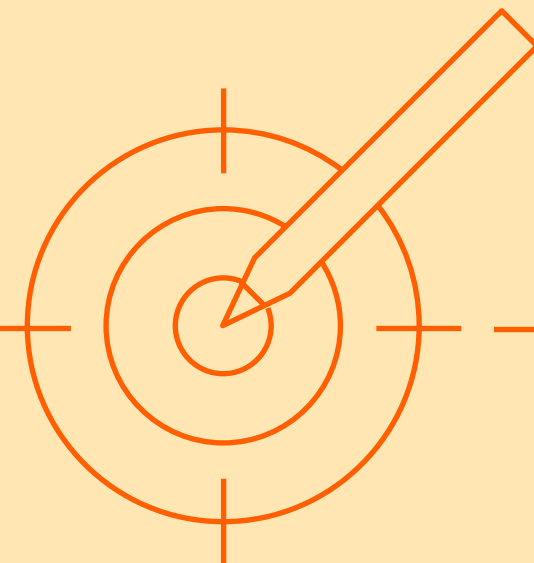
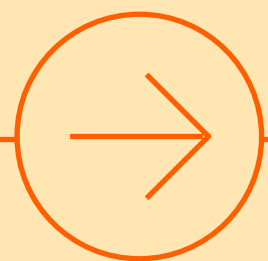




Mechanical, Electrical & Public Health (MEP) Engineering

Building design that delivers long-term value through reduced energy and maintenance costs.



Buildings are responsible for ~39% of global energy-related carbon emissions.

We can help you optimise building performance and reduce running costs – all while reducing your carbon footprint and contributing to a more sustainable future.

How we help.

Our comprehensive Mechanical, Electrical and Public Health (MEP) Engineering service integrates energy-saving measures into building design, leveraging renewable energy solutions and implementing decarbonisation strategies across residential, public and commercial buildings.

Designing buildings that perform today and are ready for tomorrow

Successful buildings depend on more than strong architectural design. An efficient, comfortable and compliant building requires a carefully planned network of MEP systems that support day-to-day operations, occupant wellbeing and long-term performance.

Challenges we help solve

- Designing efficient building services for new developments
- Upgrading ageing infrastructure to improve reliability and performance
- Managing increasing energy demands and electrification projects
- Reducing operational costs and energy consumption
- Meeting sustainability and decarbonisation targets
- Creating comfortable, safe environments for occupants
- Ensuring compliance with industry regulations and standards
- Coordinating multiple disciplines and stakeholders throughout design and construction

We provide:

- Detailed design solutions, specifications and drawings
- Performance design solutions, specifications and drawings
- Feasibility studies
- Energy Statements
- Reports on other contractor's designs to ensure compliance with client requirements.
- Asset surveys and registers
- Condition surveys and reports



Our MEP Design Services

Whether you're developing new facilities, upgrading existing infrastructure or planning future growth, we provide the technical expertise, project management and utility coordination needed to keep projects moving.

Mechanical Engineering

We design mechanical systems that create comfortable, productive and energy-efficient environments while supporting the long-term performance of your buildings.

Our services include:

- Heating systems
- Ventilation systems
- Air conditioning and comfort cooling
- Chilled water systems
- Domestic water services
- Gas services
- Sprinkler and fire protection systems
- Low-carbon heating solutions
- Renewable energy integration
- Building decarbonisation strategies

Electrical Engineering

Our electrical engineers develop resilient and future-ready infrastructure designed to support operational performance, business continuity and changing energy requirements.

Our services include:

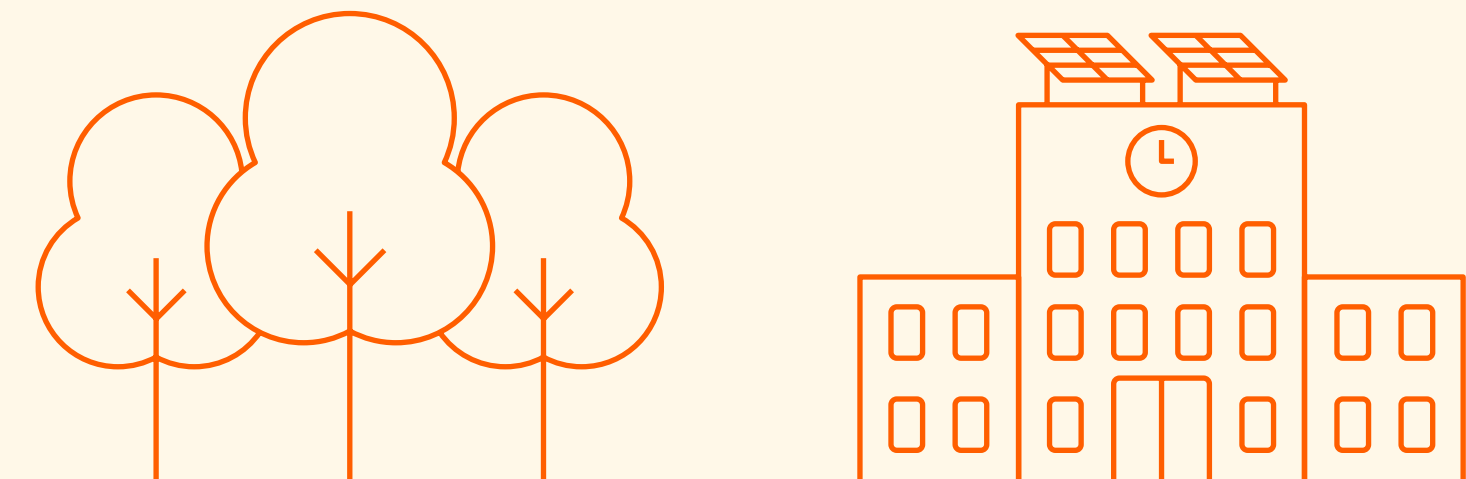
- LV and HV power distribution
- Internal and external lighting
- Emergency lighting systems
- Fire alarm systems
- Security and access control
- CCTV systems
- Structured cabling and data networks
- EV charging infrastructure
- Solar PV systems
- Battery storage solutions
- Renewable energy integration

Public Health Engineering

Effective public health systems play a vital role in maintaining safe, reliable and compliant buildings.

Our services include:

- Domestic water services design
- Above-ground drainage systems
- Utility coordination
- Water efficiency solutions
- Technical surveys, assessments and Energy Statements
- Public health infrastructure design





Key features

- Chartered & Incorporated CIBSE Engineers
- Projects aligned with the RIBA stages of design
- ISO 9001 and ISO 14001 Certified
- CHAS Veriforce SSIP
- Constructionline Silver Member

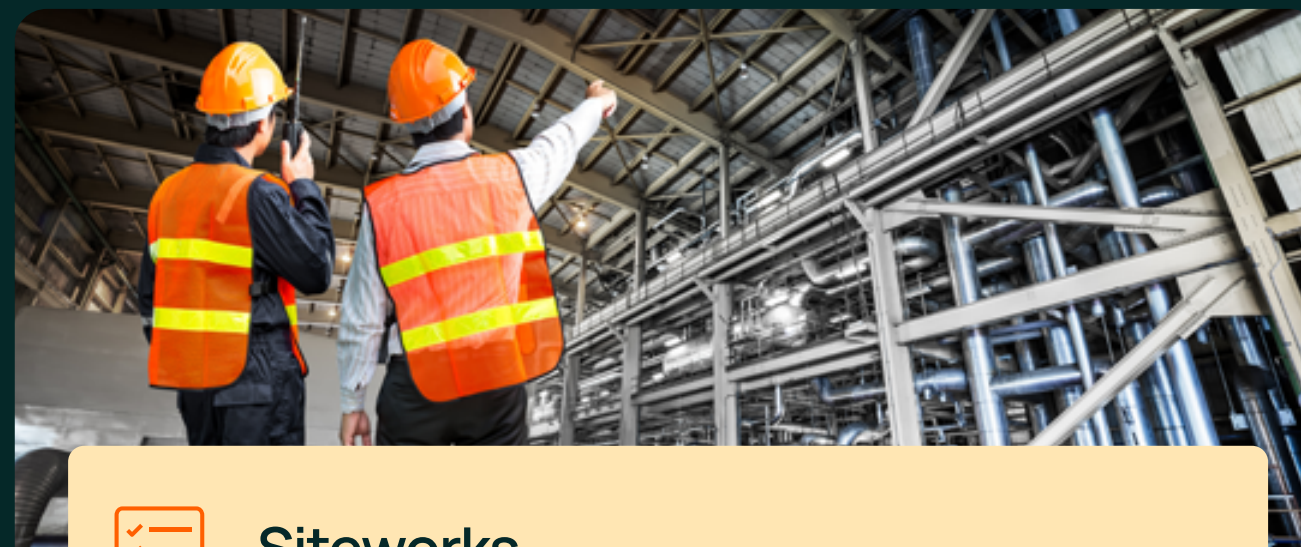


Key benefits

- End-to-end support from feasibility to completion
- Integrated MEP, utilities and siteworks expertise
- Leverage renewable energy options that deliver long-term value
- Support your sustainability and decarbonisation objectives
- Improve EPC ratings and meet MEES compliance
- Create safe, comfortable and compliant environments
- Reduce operational costs and energy consumption
- Future-proof your estate for growth
- Manage evolving energy demands

Want to discover more services to support your sustainability ambitions?

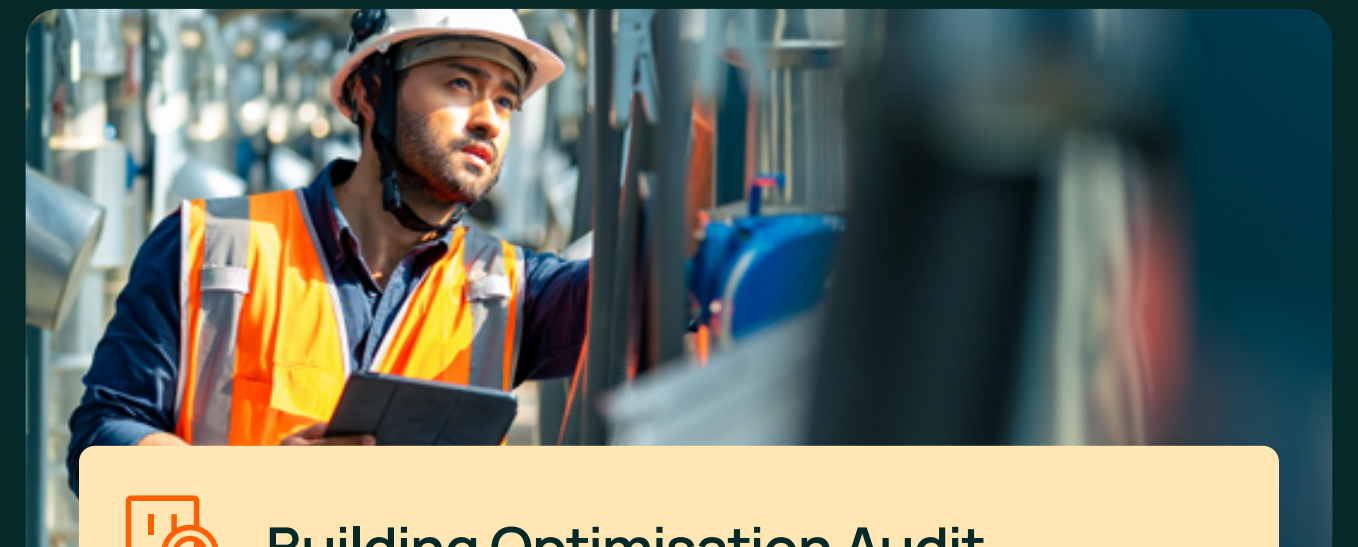
Our services help support your decarbonisation goals.



Siteworks

We coordinate distribution network operators (DNOs), independent connection providers (ICPs), contractors and stakeholders. From securing additional electrical capacity to delivering new utility connections, we minimise disruption, reduce risk and keep your projects on track.

[Find out more](#)



Building Optimisation Audit

Assess how your building operates, identifying behavioural, technical and control-based inefficiencies with a Building Optimisation Audit – often delivering returns within 12 months.

[Find out more](#)



Ready to future-proof your next construction project?

Get in touch with one of our experts today.

hello@zenergi.co.uk