

The logo for Smart Net Zero is contained within a white rounded square with a purple border. The word "smart" is in a purple sans-serif font, and "net zero" is in a black sans-serif font below it.

smart  
net zero

The background features a glowing green battery icon in the center, surrounded by a complex network of green and yellow circuit lines and nodes on a dark blue background. The bottom half of the slide is a solid purple gradient.

# SMART NET ZERO LTD

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Overview – Local Government

*Confidential*

# OUR VALUE

**Bridging the collaboration between industry and local government to deliver secure and sustained net zero targets across varied environments**

# OUR WIDER MISSION

**To deliver transformative, secure-leading OT & net zero solutions, services and building management systems to enable energy efficiency and operational resiliency for all facilities, smart cities and critical supply chains.**

# THE USE CASES



2024

The United Kingdom's mission to achieve net zero carbon emissions is one of the biggest challenges facing local authorities today

## Financial

- Councils face funding gaps and limited budgets to achieve net zero targets

## Retrofitting

- Investing in large-scale sustainable infrastructure projects is highly challenging for most
- Building decarbonisation and delivering energy efficiencies to a varied aged building stock
- Data on optimising building types is limited for energy efficiencies and can be costly

## Resilience

- Mitigating climate change and its impacts is fundamental to sustained resilience
- Buildings need reduced downtime, lower maintenance costs and improved occupant safety

## Security

- Understanding and regularly monitoring cyber threats to smart infrastructure is vital
- Embedding security by design into IoT rollouts and decommissioning needs improving



# OUR SERVICES

## IoT/OT Smart Security

- IoT/OT Security Lab for product & malware testing and simulations \*
- IoT/OT Security Operations Centre (S-SOC) \*
- IoT/OT specialism in CNI, EV & Smart Cities security
- Cyber sustainability behaviours
- OT/IoT security training

## Sustainability and Net Zero

- Sustainability and net zero KPI active monitoring
- Net zero project services
- Building decarbonisation
- Social housing specialism
- Carbon strategy, foot printing, Scope 3 emissions
- ESG due diligence

## Energy Management Systems

- BMS - design, installation & maintenance
- Performance auditing
- Smart buildings
- Indoor air quality testing
- ISO 50001 - implementation and assessments
- Heat network specialism

# SERVICES - DEEPER DIVE

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Our integrated solutions include:

- Facilities/HVAC asset performance assessments – OT and security
- BMS Controls – Cyber-Physical protection, Installation and Maintenance
- Energy Management and Carbon Reduction Solutions – Taking You To Net Zero – In A Smart Way!
- HVAC & Renewables Performance Assessments – Heating, Cooling, Compressed Air, Lighting, PV, Biomass etc
- ISO Compliance – supporting ISO 27001, 27400 and ISO 50001
- EAS and MEES compliance
- Fault Detection and Diagnostics as SaaS
- Smart Building design and testing – use of labs and detailed OT security testing methodologies



# SEE HOW WE CAN HELP YOUR NET ZERO JOURNEY

[www.smartnetzero.co.uk](http://www.smartnetzero.co.uk)