

# Zero Carbon for Zero Cost

## Investing in assets and infrastructure

As businesses progress through post-COVID recovery, embedding environmental sustainability into the strategy will be a significant enabler of success. Many organisations are unaware of the cost savings sustainable solutions can bring, while helping them achieve their targets.

To maximise capital budgets, projects that optimise operational effectiveness, while decarbonising the estate and generating whole-life cost savings should be prioritised.

Plan Zero is our market leading approach to carbon reduction. It is being leveraged by organisations to achieve their net-zero carbon targets, helping them to Eliminate Carbon, Eradicate Waste and Enhance Inefficient Buildings.

Through Plan Zero we deliver asset and infrastructure investment achieving Zero Carbon for Zero Cost.

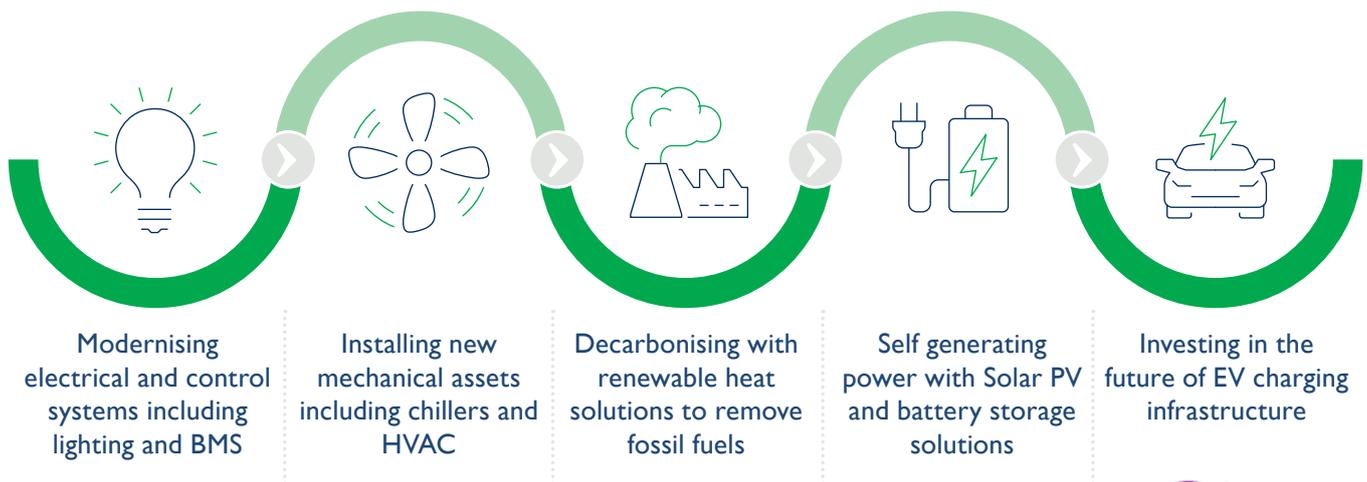
### How we deliver Zero Carbon for Zero Cost

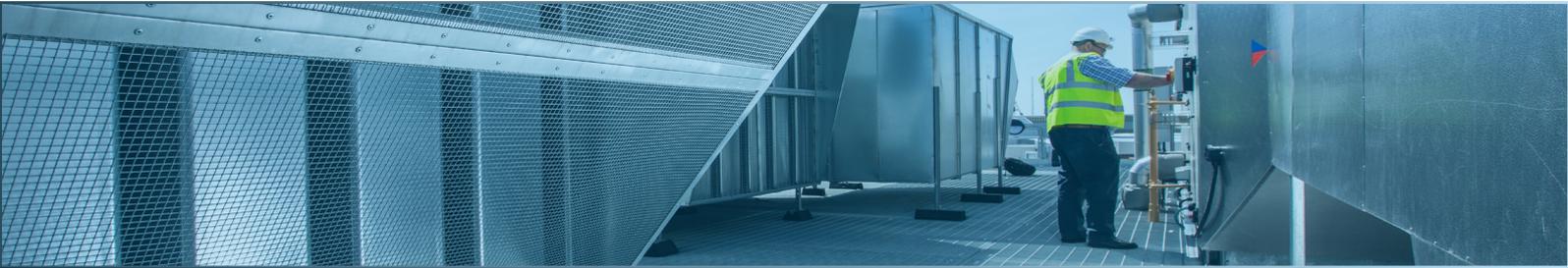
It is our ambition to reduce carbon from the economy. We believe that every organisation should have a plan to achieve net-zero carbon and that cost should not prevent organisations from tackling the climate emergency. Yet for many organisations the budgets to upgrade, replace and install new assets are limited.

Plan Zero solutions are designed to deliver the greatest carbon benefit, drive down whole-life costs and align with your business net-zero targets. A short payback, affordable funding options and the savings generated means our solutions are achieved at Zero Cost and move you closer to Zero Carbon.

### How to maximise capital budgets with Mitie

Plan Zero capital works solutions to deliver carbon and cost savings include:





## Mitie delivery capability and carbon savings



### Modernising electrical and control systems including lighting and BMS.

Mitie has extensive experience designing and installing carbon saving solutions to replace electrical and control systems in poor condition or past end-of-life.

Our BMS solutions connect client sites to our Service Operations Centre (SOC) ensuring asset performance and consumption are optimised at all times.

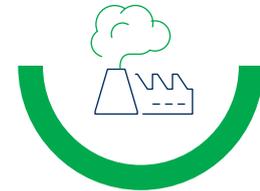
Our lighting solutions saved our customers 34,304 tonnes of carbon last year.



### Installing new mechanical assets including chillers and HVAC.

We will identify and deliver the optimal mechanical solution for the property. Our capability includes air conditioning, free cooling, chillers, DX-based air conditioning, VRV and split systems, R22 roll-out and new R32 technology.

Our expertise will ensure the comfort & wellbeing of staff and colleagues along with maximised carbon performance.



### Decarbonising with renewable heat solutions to remove fossil fuels.

Instead of a like-for-like asset replacement, Mitie's award winning project delivery team identify the most suitable renewable heat solutions to replace fossil fuel burning boilers.

In 2018 we won the Energy Awards 'Commercial Building Energy Project of the Year' for our innovative hybrid Ground Source Heat Pump which saved the client over 550 tonnes carbon and had a 5 year payback.



### Self generating power with Solar PV and battery storage solutions.

Generating electricity with natural renewable sources such as Solar PV and wind will decarbonise, while reducing energy supply risk. We installed the UK's first wind turbine with radar blanking, this was due to its proximity to an airport.

Battery storage solutions are used to optimise the power self-generated while adding additional resilience to the site.



### Investing in the future of EV charging infrastructure.

Mitie has the most advanced electric fleet and are members of EV100 as well as EPI100 & REI100. We are using our experience and knowledge of implementing an EV strategy to assist our Plan Zero customers.

Installing EV charging points and infrastructure will meet future customer and employee demand for capacity. It also has the potential to generate income.



Plan Zero solutions  
Eliminate Carbon,  
Eradicate Waste and  
Enhance Inefficient Buildings.

Our capital works projects are turnkey, end-to-end carbon reduction solutions.

We maximise our experience in sustainable facilities and carbon management to self-deliver the design, installation and delivery of capital works.

**Please contact Mitie's experts who will be pleased to discuss our capital works capability powered by Plan Zero.**

Contact us: [planzero@mitie.com](mailto:planzero@mitie.com)