How to turn your humble 'smart meter' into your biggest opportunity

Predict by Optimise^{AI}

Can a smart meter alone guide your buildings to net zero?

Do you need complex Building Management Systems (BMS)?

How do you bring scattered. building data together?

If your data is limited, how can you build a credible net zero strategy?

Managing building energy has never been more complex. Whether you oversee industrial, commercial, or retail spaces, meeting new net zero standards is tough. But is there a smarter way forward? By shifting from traditional methods to real-time digital tools and predictive models, you can unlock new efficiencies and cut emissions faster.

Despite advances in BMS, many sustainability and facility managers still struggle with clunky interfaces and fragmented data. Energy insights are often locked away in separate platforms, making it hard to see the full picture. What if there was a simple solution? One that integrates any data source, fills in the gaps with Al-driven predictions, and provides a clear roadmap to net zero—all through an intuitive app? Sounds ambitious?



Over a Decade of Science in One Powerful Platform

When the team of scientists at OptimiseAl set out, they posed the question "in the future, what's going to be missing to make net zero buildings a reality?".

The Predict platform is the result of this decade long mission.

Predict

Built with over ten years of research and real-world building data, Predict transforms smart meter data, BMS outputs, and other sources into a threestep process that drives on average

15% energy saving

Three Steps to **Lower Costs and Carbon:**

- Understand and Diagnose performance by comparing actual and potential efficiency.
- Develop an improvement plan based on Predict's recommendations and calculate ROI instantly.



2

1

Validate your actions and monitor additional savings.

TAKE A TOUR



"Current BMS solutions fail to deliver the deep insights needed to reduce energy and emissions. Only 10% of buildings even have one, and those that do still struggle to cut emissions. The world can't wait for expensive retrofits— With Predict, we're giving asset owners and building managers an immediate, costeffective tool to cut carbon, reduce energy costs, and stay ahead of tightening regulations."





One Platform, Complete Visibility

View all your buildings in one place Connect your smart meter and monitor your energy consumption, carbon emissions, and costs, with a detailed breakdown by source.

Compare your entire estate at a glance Rank buildings by performance using a simple red-amber-green system, just like browsing hotels on a map.

Best-in-class data integration

Predict fills in data gaps from outdated BMSs and missing meters across your estate, providing clear, actionable guidance.

TRY FOR FREE



Smarter Insights for **Smarter Decisions**

Simulate building behaviour using digital twins

Track your actual consumption against your historic usage and our digital twin prediction model, to verify the amount of energy, carbon and costs you have saved.

Receive tailored improvement suggestions

View recommended measures to enhance your building, including savings on energy, carbon, and costs. Calculate ROI and get Al-driven advice on implementing improvements.

Live monitoring for ongoing improvement

Track your improvement plan in real-time and adjust your strategy as needed.





O

See how

Results

£49.1k

↓ £930.20

Costs after implementation

Improvement plan

Unlock the full potential of your building by following our recommendations

There are several changes you could make to your building to improve your energy usage.

These recommendations are based on data we have analysed like building age, building type, expected occupancy, and the building energy rating.

| £930.00 Total potential savings 1% savings | |
|--|-----------------|
| | |
| Scenarios 33 | C |
| Window Replacement | • |
| To minimise heat loss via windows, install low-E coatings or gas-fil (argon, krypton) layers on energy-efficient double or triple-glazed | led windows. |
| 0 years R01 | See how |
| Decentralized Mechanical Ventilation with Heat Recovery I | • |
| Installing decentralized Mechanical Ventilation with Heat Recovery individual rooms or zones, allowing for localized heat recovery and improved air quality without a centralized duct system. | units in |

-2 years ROI + 39.75 MWh + £8.7k + 6.44 tCO2e

3 Replace Appliances with Energy Efficient Alternatives Replacing existing appliances with energy-efficient models to reduce electricity consumption. ↓ 34.14 MWh ↓£7.5k ↓ 5.53 tCO2e See how

Pick a date Energy Consumptio Emissions Cost + - 🐐 💿 😂 3000 www. 2000.0 mm 1000. 1vvvvvi -3000.0 ANN -4000.0 Feb '25 Mar '25 Apr 125 May '25 Jul '25 Aug 125 Expected With Scenariols Potential savings of 905 MWh during this period

5.3

36.19 tC020

Carbon Emissions after implementation

↓ 680.8 kgCO2e

223.39 MWh

Consumption after

↓4.2 MWh

Benchmark against net zero targets

See how your buildings compare to the average building of your size and type. Align with the new UK Net Zero Carbon Buildings Standard 2050 (UKNZCBS) or choose from CIBSE, CIBSE TM46, UK Net Zero 2025.

Develop investment scenarios across your estate

Review suggested property investment scenarios to understand the impact and ROI that your actions will have. Rank your buildings and the associated improvement scenarios on the carbon, energy, cost and ROI potential.

TRY FOR FREE









Grow Your Savings Over Time

As you progress add further data and buildings

Start simple and scale up. Add detailed building data—like insulation values, LED lighting efficiency, and M&E equipment performance—to refine AI predictions and unlock deeper savings.

Find the right energy tariff

Compare real-time pricing and switch to the best option for cost savings.

TRY FOR FREE

What Our Customers Say

SEE OUR CUSTOMER STORIES

"I was initially skeptical about the impact a semantic digital twin could have on managing energy and carbon emissions. However, I'm now a firm believer in its benefits and am excited to roll this out across the Exchange Quay site."

Les LangPartner, Till Asset Management

"I am blown away by the insights a semantic digital twin can provide with limited data."

> Kelly Williams Executive Head of Operational Estates and Facilities at UWTSD

> > "Predict positions ScotRail solidly on the path to net zero with real-time energy insights."

> > > **Poul Wend Hanson** ScotRail's Head of Sustainability

Get Started with Just Your Meter ID

It takes just minutes to access real-time predictions and insights with Predict. Click below to sign up or contact us to discuss how Predict can support your net zero journey.

TRY FOR FREE

Try Predict free for three months —no catch, no commitment.

Set up in minutes and get full access for one building, with automatic smart meter integration. No credit card required, no hidden fees. At the end of your trial, you can easily download your data and move on, or chat with us about expanding Predict across your entire estate. No pressure—just real insights to help you take control of your building's energy.'



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