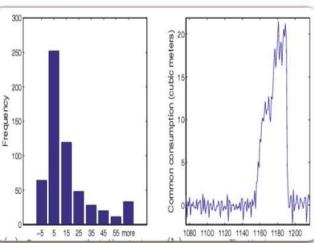


ACTIVITY EXAMPLES

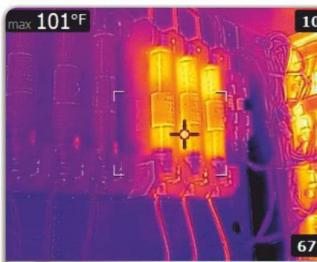
Bill Analysis



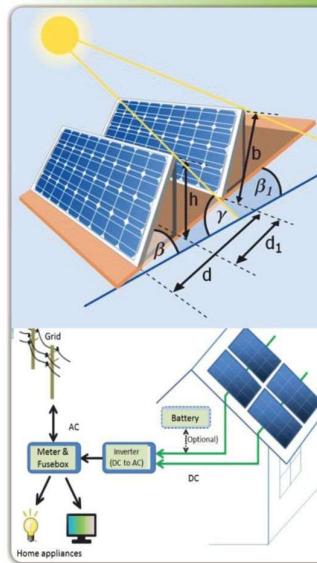
Meters Data Analysis



Thermal Photo Analysis



Solar Panels Simulation



Carbon Footprint Calculation



Carbon Offsetting



POTENTIAL SUSTAINABILITY SOLUTIONS

For the Supply Side



Solar panels

Air source heat pumps

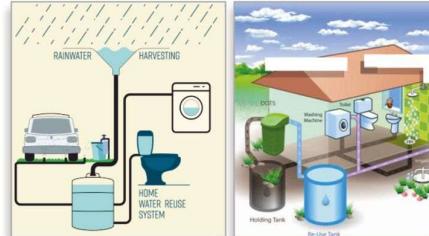
For the Demand Side



Wall insulation

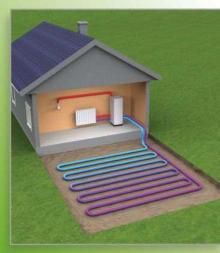
Air Curtain

Water Efficiency Solution



Rainwater harvesting

Greywater recycling



Ground source heat pumps



Water source heat pumps



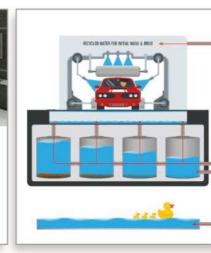
Photo cells



Loft insulation



Water efficiency appliances



Carwash water recycling

CAESL

Chamberlains Aqua & Energy Systems Limited

Do you want your business to become Carbon Neutral? Let us do this for you by:

Route to
NET ZERO

Or if you are just not happy with your energy and water bills, let us change this for you by:



EPC+

EPC vs EPC⁺

EPC stands for Energy Performance Certificate, which has become an important rating scheme to summarise the energy performance of different buildings.

Why EPC⁺?

The disadvantage of EPC is that the assessments and recommendations are based on assumptions and not on facts. We developed a new concept called EPC⁺ which has taken the concept of EPC to a much higher level. In EPC⁺, we comprehensively and analytically assess both the energy and water performance of each building using Internet of Things and Artificial Intelligence in the following steps:



Who We Are

An innovation-driven company focusing around core expertise in water & energy conservation, water reuse, renewable energies and related sustainability benefits.



What Makes Us Different?

With a team of highly experienced designers and consultants with a rich academic and business background, we deliver advanced, viable, and sustainable solutions especially tailored and designed based on your unique situation and guide you through your journey of becoming more sustainable.

**Not sure where to start?
Reach out to us:**



Why Route to Net Zero?

Becoming carbon neutral is not only good for the environment, but it can also affect your profitability.

Our 'Route to Net-Zero' service provides clients who wish to adopt a net-zero carbon philosophy for their business with a holistic approach to managing their short-term carbon footprint reduction targets and the long-term transition to net-zero carbon. The service includes measuring the business impact on the planet and establishing carbon-reduction frameworks and strategies to optimise their operations.

We help businesses develop strategies in line with the 1.5°C future to limit the impact of climate change on the planet and will provide support and high-quality independently-verified climate solutions to balance out residual emissions by the business. We can help our client with three types of validation: self-validation, validation from the non-accredited organisation, and independent third-party validation. Our approach includes six major steps:

- 1 Primary Carbon Footprint Calculation
- 2 EPC⁺ and Carbon Management Plan
- 3 Carbon Footprint Monitoring
- 4 Offsetting & Implementation
- 5 Ultimate Carbon Footprint Calculation
- 6 Certifications

**We'll be with you on
every step of your
route to becoming
greener & more
sustainable**

