

Fuelling your business, **Renewably**





Toward Zero Carbon (TZC) is committed to supporting the adoption of efficient, renewable technologies throughout Irish industry.

Our suite of services is developed with the Kaizen approach at its core. Our approach to achieving measurable, sustainable savings through resource management and the incremental continuous improvement philosophy delivers significant benefit to our clients.

With over 20 years' experience in managing energy, the TZC team effectively assist our clients to achieve their very best performance in terms of environmental impact whilst ensuring competitiveness.

We help our clients to maximise the benefit of any incentive packages that are available from Enterprise Ireland, SEAI and IDA.



Our Partners

Our technical partners OMNI Heat & Power have developed renewable solutions across the UK and Europe including Biomass Boilers, Anaerobic Digesters, Combined Heat and Power Units (CHP's), Heat Recovery units and Heat Pumps.

Our solution ensures a quality, reliable installation which is designed specifically for integration with your organisation.

Biolight Ltd. is the premium wood fuel supply company in Ireland. Biolight's unique supply chain ensures the fuel consumed on your site is:

100% traceable,
100% quality controlled,
100% reliable.

Our complete service offering ensures your installation satisfies your renewable objectives and contributes to a carbon neutral future for your organisation.

The Biolight logo features the word "Biolight" in a green, sans-serif font. The letter "i" in "Bio" has a small green leaf icon above it. Below the main text, the tagline "Fueling the Future" is written in a smaller, lighter green font. The logo is set against a circular background with a green-to-yellow gradient and a brushstroke effect.

Biolight
Fueling the Future

The TZCO logo consists of the letters "TZCO" in a bold, green, sans-serif font. A green leaf icon is positioned between the "O" and "C". To the right of the letters is a stylized green arrow pointing to the right. Below the main text, the tagline "Toward Zero Carbon" is written in a smaller, lighter green font. The logo is set against a circular background with a green-to-yellow gradient and a brushstroke effect.

TZCO
Toward Zero Carbon

The OMNI Heat & Power logo features a stylized house icon with a red lightning bolt and a green leaf. To the right of the icon, the word "OMNI" is written in a large, bold, red, sans-serif font. Below "OMNI", the words "Heat & Power" are written in a smaller, black, sans-serif font. The logo is set against a circular background with a green-to-yellow gradient and a brushstroke effect.

OMNI
Heat & Power

A small version of the TZCO logo, featuring the letters "TZCO" in green, a green leaf icon, and a green arrow pointing right, with the tagline "Toward Zero Carbon" below it. The logo is set against a circular background with a green-to-yellow gradient and a brushstroke effect.

TZCO
Toward Zero Carbon

Our Technology



Our commitment to you is to deliver sustainable, measurable savings. In order for us to deliver a sustainable solution, Toward Zero Carbon only supply quality components to your installation.

Our suppliers include some of the most prominent manufacturers of renewable technology, giving us the peace of mind that you will be satisfied with your selection far beyond the 15-year SEAI support period.



About the SSRH

The Support Scheme for Renewable Heat (SSRH) is a new government support mechanism to incentivise the uptake of Biomass Boilers for commercial and industrial applications for heat generation.

The tariff pays a tiered tariff for every kWh of renewable heat used from a new biomass installation for eligible uses. This support is given to the system owner for a total of 15 years. This is giving business the opportunity to significantly reduce their operating costs for heating.

In addition, it contributes to a cleaner and greener future by helping reduce the businesses carbon footprint.

Tiers of Support

Lower Limit (mWh/yr)	Upper Limit (mWh/yr)	Operational Support (c/kWh)
-	300	5.66
300	1,000	3.02
1,000	2,400	0.5
2,400	10,000	0.5
10,000	50,000	0.37
50,000	N/A	-



Renewable Fuels

A range of renewable fuels are eligible for support through the Support Scheme for renewable heat.

In order to reassure our customers of quality material at a consistent low moisture content, we have engaged with Biolight to ensure fuel quality and continuity of supply. Biolights' unique wood chip supply chain delivers locally-grown, quality controlled renewable fuel through a network of trusted energy suppliers. This quality control eradicates the problems associated with low-quality fuels.



Example Project

Assumptions

Current Fuel: €0.0595/kWh

Woodchip: €0.0573/kWh

Fossil fuel prices remain constant
Carbon taxes increase in line with
government policy

Woodchip prices increase marginally
Annual Consumption 1,000,000 kWh



Annual Grant
Payment

€38,120

Total Fuel
Saving

€225,810

Total Benefit
(15 years)

€797,610

