

A photograph of a Woodco Supermax biomass boiler installed in a forest. The boiler is a large, industrial machine with a green upper section and a grey lower section. It has a long, articulated arm extending to the left. The background is a dense forest with tall trees and autumn-colored leaves. The sun is shining through the trees, creating a bright, hazy effect. The entire image is framed by an orange border at the top and bottom.

woodco

SUPERMAX

woodco

Ireland's Premier
Biomass Boiler Company

www.woodco-energy.com

Sustainable biomass is an established renewable fuel resource that can provide heat cheaper than most fossil fuels. It is most commonly available as wood chips or wood pellets.

Biomass originates from organic material from forestry and agriculture (such as trees and plants), from wastes and residues of biological origin, and from biodegradable fractions of waste. Common sources of biomass in Ireland are pulpwood, brash and sawdust.

Sustainable biomass must meet sustainability criteria to ensure that it saves large amounts of greenhouse gas emissions when compared alongside fossil fuel alternatives, while also avoiding negative impacts on land use, food security, water resources, biodiversity and livelihoods.

These criteria are set out by the EU in its Recast Renewable Energy Directive (RED) of 2018.

Security of supply

Most biomass in Ireland is sourced within Ireland from Irish forests, sawmills and wood pellet manufacturing plants. Local supply of biomass will increase as forest cover in Ireland increases from its current level of 11% to 18% by 2050 in line with the government's Forestry Strategy targets. Locally sourced biomass may be supplemented by biomass imports from other EU countries to ensure steady supply.

Savings

Biomass is the most cost-effective renewable heat energy solution. Make significant energy savings, using renewable, sustainable energy!

No carbon tax

Biomass fuels are renewable and exempt from carbon tax.

Financial support

Receive financial support to switch to biomass through the SEAI grant support scheme. The Support Scheme for Renewable Heat pays businesses for 15 years based on the amount of heat produced.

Woodco Expertise

Woodco is the premier biomass boiler company in Ireland. We have the expertise to scope your project and to assist in SEAI tariff support applications. We will design, install and service your system.



The top of the page features a large background image of a biomass boiler manufacturing facility. In the foreground, a large green and grey industrial machine, a woodco ALPERMAX boiler, is shown. The machine has a long horizontal arm extending to the left. In the background, other industrial equipment and a red gas cylinder are visible. The woodco logo is overlaid in white on an orange rectangular background in the top right corner.

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About Woodco

The team at Woodco has been manufacturing biomass boilers for almost 20 years. In that time, we have supplied boilers all over Ireland, UK, Canada, US, New Zealand and Europe. We are passionate about displacing fossil fuel with low carbon heating technologies. We are 100% Irish owned and manufacture boilers at our factory in Ireland.

We manufacture biomass boilers from 15kW-500kW at our factory in Ireland for commercial applications and supply large scale biomass and steam boilers up to 20MW through our Danish partner Justsen.

Service & Maintenance Packages

Woodco's remote monitoring service monitors the performance of your boiler. We provide full service and maintenance packages to ensure your biomass boiler operates with optimal performance and efficiency.

Full Range of Spare Parts Online

Spare parts for our entire range of boiler systems are available at the click of a button from our website, **www.BiomassSparesDirect.com**.



Project Highlights



Client

Roganstown Hotel & Country Club



System Size

500kw



Savings

€51,870 per annum including SSRH



Annual Heating Requirement

1,031,225 kwh



Project Highlights



Client

Woodlands Care Home



System Size

250kW



Savings

€12,464



Annual Heating Requirement

150,464 kwh



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Project Highlights



Client

Walsh Mushrooms



System Size

500kw



Savings

€77,881 per annum including SSRH



Annual Heating Requirement

1,090,199 kwh



Project Highlights



Client

RTD Crawford



System Size

2 MWh



Savings

N/A



Annual Heating Requirement

10,350 MWh



ESCO- Energy Supply Contract

What is an Energy Supply Contract?

Woodco will install a new boiler at your premises, operate and maintain it. The business simply pays for the heat it uses, based on kWh measured on a heat meter.

An ESCO is particularly attractive to businesses with high heating costs. It gives businesses the opportunity to decarbonise and reduce energy costs by switching from fossil fuels such as oil and gas to biomass heating.

What we Provide:

- The upfront capital expenditure for the heating system
- Installation of the system
- Heat in the form of hot water or steam over a 15-year contract period
- Fuel supply for the boiler
- Maintenance for the boiler
- Tech Support

What does the Business Get?

- Green renewable heating with lower carbon emissions
- The business simply pays a monthly bill for the heat it uses
- Energy cost savings compared to replaced fossil fuels
- Lower energy price volatility compared to replaced fossil fuels
- Energy price that is indexed to SEAI's Commercial Fuel Index, that includes the benefit of the Support Scheme for Renewable Heat, and avoids carbon and other environmental taxes



Solarco is a division of Woodco and one of Ireland's leading providers of Commercial Solar PV Systems. We help companies futureproof their businesses and make huge savings on their electricity bill by generating free, clean electricity.

With reference sites across Ireland and hundreds of happy customers, you know that you can count on us for reliable and efficient service.

Why Solar Energy?

- **Cost Reduction in Energy Bills**
- **Energy Independence and Reliability**
- **Sustainability and Corporate Social Responsibility**
- **Return on Investment**
- **Competitive Advantage**
- **Government and Regulatory Compliance**

Why Choose Solarco?

- **Experienced Commercial Solar Panel Installers**
- **Solarco assist with all grant applications**
- **On-time project delivery**
- **Excellent Health & Safety Record**
- **Irish owned & Irish local tech support**

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