

Promoting excellence in energy efficient design



How businesses are benefitting from implementing SEAI EXEED



Aurivo Consumer Foods in Donegal

We are a global agribusiness with brands across dairy ingredients, consumer foods and sports nutrition, retail and lifestyle stores, animal nutrition and livestock marts.

The SEAI EXEED process has allowed us to future proof the design of our thermal energy systems. We have installed a high efficiency heat recovery system in our fresh milk pasteurisation process. It captures waste heat from the refrigeration plant to use in pasteurisation.

We will offset in excess of 538 tonnes of CO₂ annually, and reduce onsite emissions for the manufacturing of our liquid milk products by over 85%. This brings us one step closer to being the first fully renewable liquid milk facility in Ireland.

Ballybunion Golf Club in Kerry

We are a world-class links golf course attracting 15,000 visitors from around the world every year.

We needed to upgrade our irrigation infrastructure. With the assistance of the SEAI EXEED programme we installed the most energy efficient pumps and pipework with state of the art controls and water dispersion targeting.

This has allowed us to save energy both in the extraction and delivery of water to our courses and target the use of water efficiently.

We will use 70% less water and 50% less energy in pumping it, than if we went with a more basic and cheaper installation.

SEAI EXEED



SEAI EXEED (Excellence in Energy Efficient Design) provides a structured approach to energy efficient design management to maximise energy and carbon performance.

It ensures energy is considered at the design stage, where 90% of energy costs and carbon emissions are locked-in. This enables the biggest energy savings throughout the life of the building or process. This approach helps businesses become more efficient, competitive and resilient. SEAI EXEED also provides a framework for ongoing energy management, once the building or process is in use.

Who can benefit?

SEAI EXEED is applicable to any commercial or industrial organisation across all sectors.

It can be applied to assets such as:

- brand new buildings and facilities
- upgrades or re-purposing of existing buildings and facilities
- It can also be applied across a manufacturing process, including environment, equipment and services

Examples of assets that have previously achieved SEAI EXEED certification include office buildings, factories, hotels, hospitals, golf courses.

Projects can be of any scale or complexity, and implemented over one or several years.

SEAI EXEED certification



SEAI EXEED certification aims to innovate and deliver new best practices in energy efficient design management. When you achieve this accreditation you know you have achieved optimum energy performance and management capabilities for your facility or process.

There are three levels of SEAI EXEED certification:

1 SEAI EXEED Designed

This certifies that you have designed, constructed, commissioned and put the asset into operation, to the standard required by SEAI EXEED.

2 SEAI EXEED Verified

This certifies that you have measured and verified the energy performance of your asset in the real world. Generally, you will need one year's worth of data to verify the energy performance of your asset.

3 SEAI EXEED Managed

This certifies that you are managing your asset in the best energy efficient way on an on-going basis.

SEAI EXEED grant



SEAI provides support of up to €500,000 per year to help businesses embed energy efficiency measures in the design of their projects.

The grant is open to public and private organisations who are planning an investment project.

Applicants must be currently in the design phase of planning capital projects. In order to qualify for a grant, participants must commit to achieving SEAI EXEED certification.

There is increased support for SMEs. There is an additional 20% support for small businesses and an additional 10% support for medium sized businesses.

You also benefit from the support of an experienced mentor to guide you through the process.

SEAI is Ireland's national energy authority investing in, and delivering, appropriate, effective and sustainable solutions to help Ireland's transition to a clean energy future.

We work with Government, homeowners, businesses and communities to achieve this, through expertise, funding, educational programmes, policy advice, research and the development of new technologies.

For more information visit

www.seai.ie/exeed



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