



SME Support Programme
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SEAI Vision:

Creating a Cleaner Energy Future

Cleaner Energy Future:

Low Carbon – Sustainable, Secure, Affordable, Clean Energy

- Uses LESS energy
- Uses CLEAN energy

SEAI:

Leading the transition to Smarter and more Sustainable energy activities

What is Energy Efficiency?

Reducing the amount of energy needed to run your business

e.g. electricity, heating and finding more efficient methods of generating energy needed for your more efficient ways of generating the energy needed

Progress towards renewables targets



In 2016, the CO₂ emissions intensity of Ireland's energy supply was

32% higher than the OECD European average

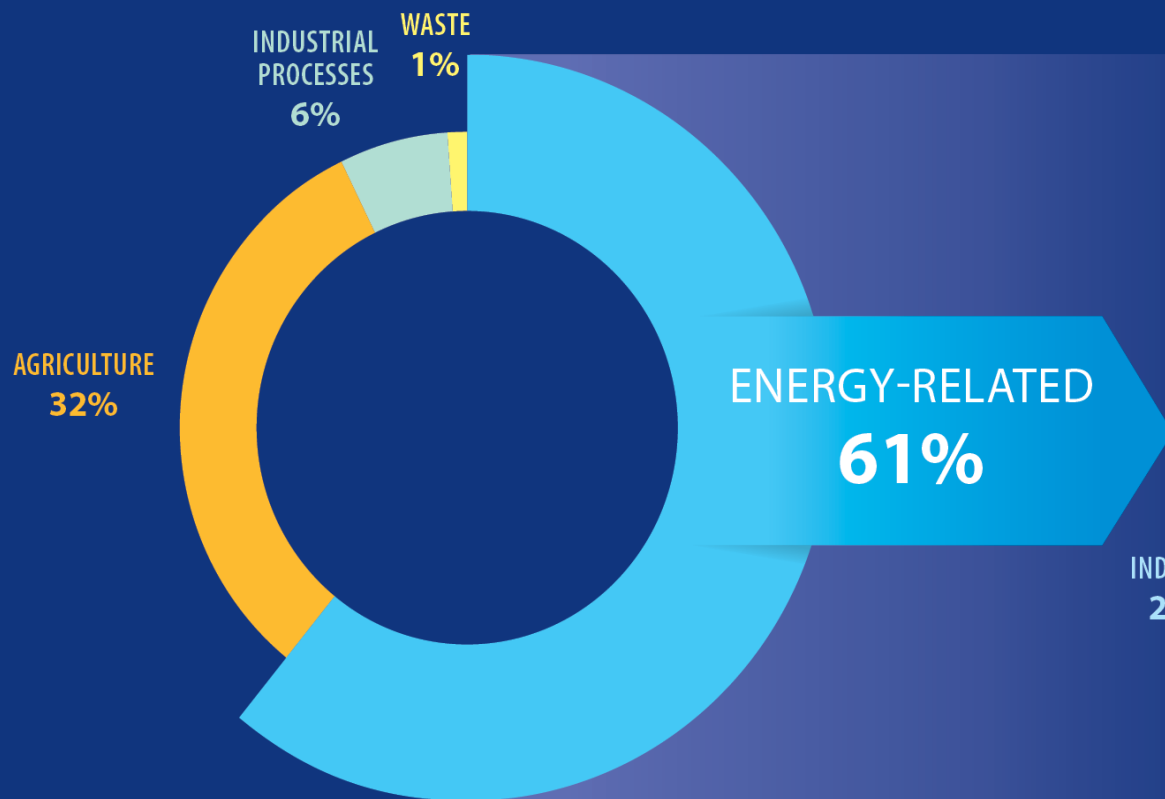
due to greater use of high-carbon fuels including

oil, coal and peat

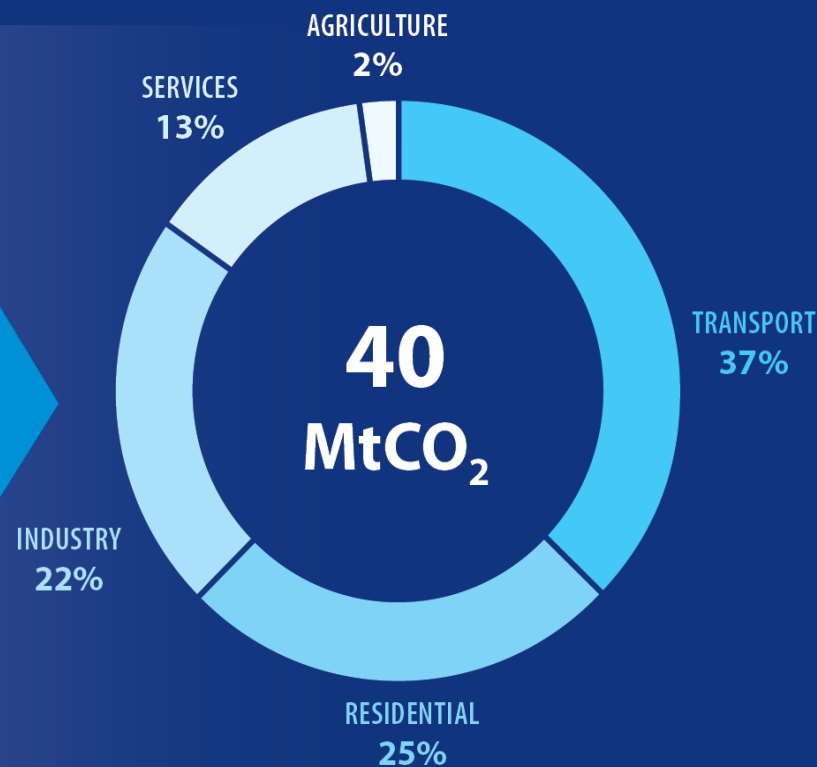


	Current %	2020 Target %
Electricity	30.1	40
Heat	6.9	12
Transport	7.4	10
Overall	10.6	16

Greenhouse gas emissions by source 2016



Energy-related CO₂ emissions by sector 2016



SME Support Programme 2019

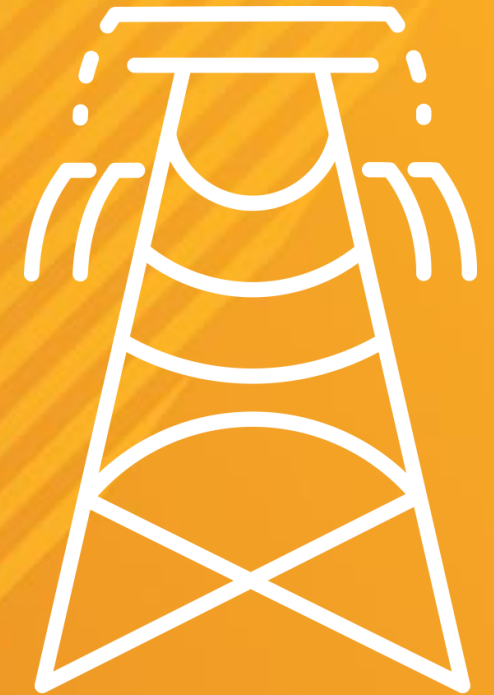


Energy Efficiency and Business

The average SME business can reduce its energy bill by up to 30% by implementing energy efficiency measures.

Typically, 10% saving can be achieved with little or no capital cost.

Some investment may be required to get the remaining 20% but the payback can be as low as 1.5 years.



Energy Efficiency Business Benefits



**REDUCED
OPERATING
COSTS**



**BUFFERED
AGAINST
RISING BILLS**



**COMPLIANCE
WITH
LEGISLATION**



**DECREASED
RELIANCE
ON
IMPORTED
FUELS**



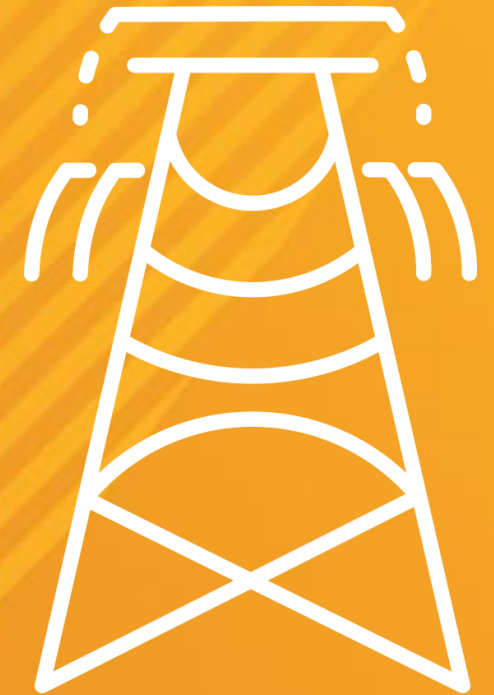
**GREENER
PROFILE**

SME Support Programme

- Dedicated SME Programme Established 2018
 - 200,000 Small and Medium Businesses in Ireland
 - 90% Micro Business (<10 employees)
- Building on the work done to date, including:
 - Energy Map Training
 - 1800 AMA Audits
- Following Review of Market and SEAI Engagement

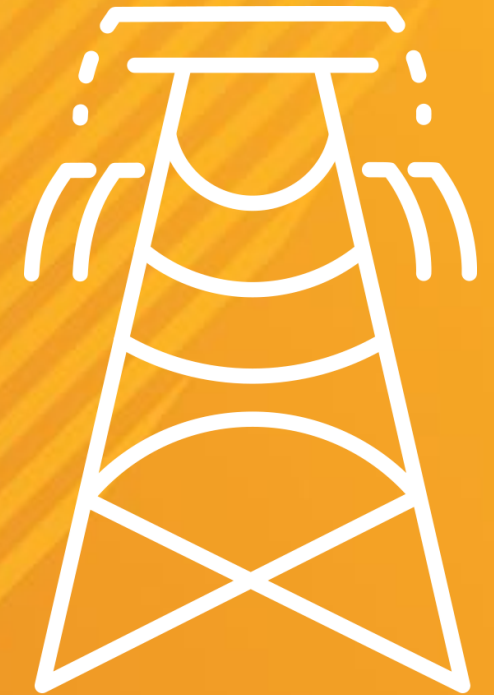


Main SME supports



Online Learning Platform – Q4 2019

- Launch Q4 2019
- Free – No Cost to user
- Multiple registered users per business
- Short Online Learning Modules (<20 mins)
- Learn in your own time
- Achieve certified levels of training for your staff
- Learn about:
 - How to carry out an inhouse Energy Audit
 - The basics of energy management
 - Advancements in energy technology



Energy MAP Training

- Free energy management training for your staff
- Small business training 3 x half day – energy spend < €100k
- Energy MAP training 3 x full day – energy spend > €100k
- Your organisation saves energy & money

The training will help you to:

- 1**
PEOPLE Establish a team structure to focus on energy waste
- 2**
OPPORTUNITIES Find the opportunities for improving energy efficiency
- 3**
SAVINGS Improve energy management practices achieving up to 20% savings



Financial Supports for Business Energy Efficiency



Communities Grant

Assisting energy efficiency community projects through capital funding, partnerships, and technical support.

- Supporting National Retrofit Initiative.
- Delivering energy savings to homeowners, communities, and private sector organisations.
- Community oriented with a cross-sectoral approach, €28m per annum
- Balancing domestic, commercial, not for profit projects
- Typically 30% grant
- Varying funding levels - Maximum would be €500k
- Timelines – e.g. for 2019 opened in November 2018 and closes in September 2019



Electric Vehicles Grant

- Battery Electric Vehicles (BEV) and Plugin Hybrid Electric Vehicles (PHEV)
- For Commercial and private purchasers
- Tied cost of the car (Max €5,000)
- Apply through car dealer will apply for you
- Commercial - 0% BIK for first €50,000 of list price

List Price of Approved EV	Grant Value
€14,000 – 15,000	€2,000
€15,000 – 16,000	€2,500
€16,000 – 17,000	€3,000
€17,000 – 18,000	€3,500
€18,000 – 19,000	€4,000
€19,000 – 20,000	€4,500
Greater than €20,000	€5,000

Dairy Farm Grant

- Supporting Dairy Farming Sector
- Pilot Grant 2017 - 2019
- Average Savings: 1440 per applicant
- Average Carbon Saved: 1.6 GWh
- **€500,000** available in funding for 2019 (1 Million Total)
- Covers both single and triple phase electricity
- 30% of the cost of Vacuum pump and milk pump systems
- Closes 29th March 2019



Energy Efficiency Obligation Scheme

Under the EEOS, 11 energy suppliers must support energy efficiency projects in businesses and homes across Ireland

Support can be:

- Financial (typically payment per kWh saved)
- Technical (typically engineering services)

Get an obligated party involved early in the project

SME Lighting Upgrade Scheme 2019

- Lighting is a significant cost for many SMEs, and is the **second highest cost** for many businesses after staff costs.
- New developments in lighting technology, particularly Light Emitting Diode (LED) technology, means that businesses can **reduce their lighting bills by up to 60% or more**.
- Average Grant is 5000
- Average Payback is 1-2 years



SME Lighting Upgrade Scheme 2019

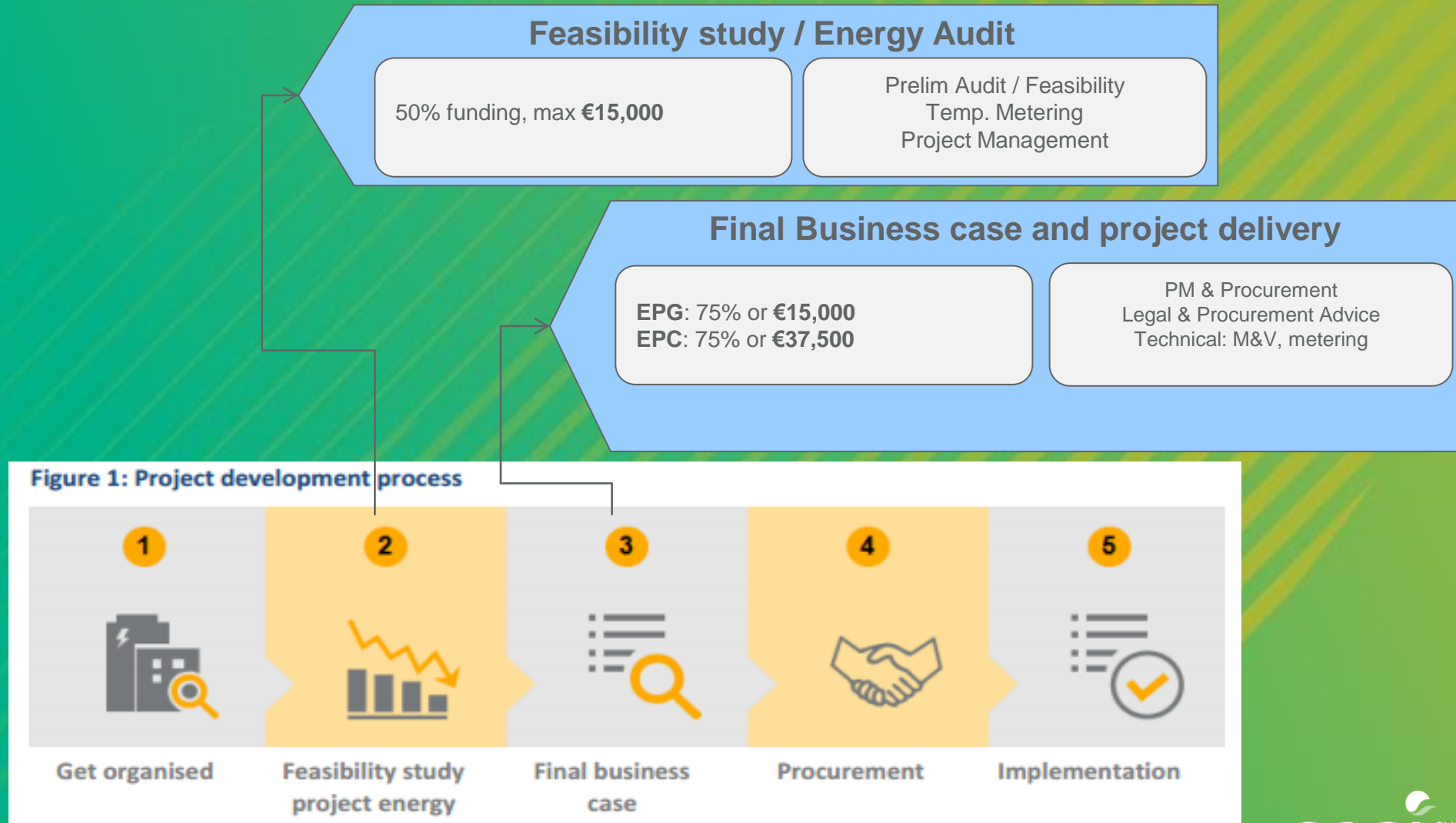
- The SEAI grant is for 30% of eligible approved cost for a standard like for like replacement upgrade in a single facility or grouped application
- **Technologies covered include:**
 - New energy efficient light products which are on the Triple E register
 - Lighting controls
- SMEs in Ireland – under 250 employees and a turnover of less than €50m
- €2m available for 2019, on a first come basis.
- Last year of Pilot Scheme 2017 – 2019
- **OPENING 8th APRIL 2019 – APPLY EARLY**

Support Scheme Renewable Heat

To support the replacement of fossil fuel heating systems with renewable fuel in large heat demand non-domestic users.

- Agriculture, commercial, public service, industrial & district heating – but not single domestic)
- Eligible heat uses – space, water and process (some uses will be excluded)
- Must demonstrate efficient use of heat (fabric first)
- Sustainability standards will apply for fuels & emissions
- Grant for heat pumps (30%) OR
- Ongoing (15 year) tariff payment for useful & eligible heat for AD/biogas or biomass

Project Assistance Grants (PAG) – Energy Contracting



Excellence in Energy Efficiency Design (EXEED)

EXEED provides a framework for EED for both new projects and upgrades

Funding

- Stage 1 - professional services pre capital investment – 50%
- Stage 2 – capital investment – 30%
- Up to €500k per org. per year



Research Development and Demonstration Fund

- Accelerate the development of competitive energy-related products, processes and systems
- Support solutions that enable barriers to energy market uptake to be overcome
- Grow Ireland's national capacity to access, develop and apply international class energy RD&D
- Provide guidance and support to policy makers and public bodies through results, outcomes and learning from supported energy projects
- From 25% up to 100% dependent on organization type and type of research
- Call now closed.



Accelerated Capital Allowance

- Relevant to companies paying corporation tax
- It's a tax incentive (not a grant!)
- Write-off 100% of eligible purchases against Year 1 profit
- Equipment from Triple E Register (ACA Register)
- Companies Return of Income form (CT1)



SME Case Studies



Lighting Case Study – Ireland West Airport

- Received grant support from SEAI for a lighting upgrade in 2018.
- Undertook an LED lighting upgrade to reduce their environmental impact.
- Expecting a **reduction of 20-30%** in their **energy usage and costs** as a result of these upgrades.



SME Guide to Energy Efficiency



SME Guide to Energy Efficiency

www.seai.ie/resources/publications/SME-Guide-to-Energy-Efficiency.pdf

Summary

Energy bills are not fixed costs,
get to grips with the energy waste in your business and protect it from unnecessary expense.

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Thanks for your time

www.seai.ie
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