



Rialtas na hÉireann
Government of Ireland

Cormac McCarthy
EXEED Programme Executive

www.seai.ie

We work with Government, homeowners, business and communities to create a cleaner energy future



The Role of SEAI

- Moving towards a LOW CARBON ENERGY FUTURE
- We need to use less energy and clean energy
- Energy should be environmentally sustainable, secure and affordable
- Develop new solutions to meet our energy needs



Business and energy



Benefits of a Sustainable Business



Savings

Lower your running costs and increase profit margins



Win new business

As businesses and public sector organisations tighten their supplier requirements



Boost your reputation

Help your business grow your base of customers whose interest in climate change has grown hugely in recent years



Retain staff

Improve staff morale, as employees across all sectors increasingly want to work for employers who are climate-aware



Supports for Businesses

- Financial supports
- Education and Training
- Networking opportunities
- Expert advice



Five Steps to Energy Efficiency

1. Understand your energy use
2. Create an energy action plan
3. Complete an energy audit
4. Invest in energy efficiency upgrades and renewables
5. Monitor, track and report



Step 1: Understand Your Energy Use

SEAI Energy Academy

- SEAI's free e-learning platform
- Understand your energy use and increase your knowledge of energy related topics
- Reduce your energy bills by up to 10%
- 24 modules available including;
 - Energy and Climate Change
 - Decarbonisation for Business
 - Business Energy Efficiency
 - Introduction to Electric Vehicles
 - Introduction to Solar PV
- Join the SEAI Energy Academy: www.seai.ie/energyacademy



Step 2: Create an Energy Action Plan

Introduction to Energy Management Training

- Workshop-based training hosted by one of Ireland's leading energy experts and will help you implement energy management practices in your business.
- 2 x 1-hour sessions
- Takes you through the six steps to creating an energy action plan
 1. Create the business case for energy management
 2. Assign an energy coordinator
 3. Write your energy statement
 4. Track your energy consumption through bills and meter readings
 5. Identify potential areas to save energy
 6. Create your energy action plan
- Check out the SEAI Eventbrite page for the next workshop



Step 3: Complete an Energy Audit Support Scheme for Energy Audits (SSEA)

- Offers SMEs a voucher of **€2,000** to get an energy audit with an SEAI Registered Energy Auditor.
- Open year round for applications.
- To be eligible, your company must:
 - Be a Small or Medium Enterprise
 - < 250 employees
 - Turnover < **€50M** or balance sheet < **€43M**
 - Spend at least **€10,000** on energy per year
 - Be tax compliant
- Find out more and apply online: www.seai.ie/sme/energyaudits



Step 4: Invest in renewable energy

Support Scheme for Renewable Heat (SSRH)

For commercial, industrial, agricultural, district heating, public sector and other non-domestic heat users that convert from fossil fuel to renewable heat.

Investment aid –
a grant of up to 30% of
eligible costs for;

- Air source heat pumps
- Ground source heat pumps
- Water source heat pumps

Ongoing operational aid
(through tariff payment for
eligible heat use) for;

- Biomass boilers
- Biogas boilers (AD)
- Biomass or biogas HE CHP

- Allows you to choose the best renewable solution for your business (heat pump, biomass or biogas)
- Open year-round for applications
- Find out more and apply online: <https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/>

SSRH Case Studies

Poultry Farm

- Family run poultry and farm in Co. Mayo that switched to renewable heating
- Approximate cost for installation of biomass boiler was **€145,000** which eliminated fossil fuels for heating
- **€23,778** annual tariff payment for 15 years
- 6.1 year payback on investment



714 k
Litres of kerosene
no longer being
used annually

1,9344
Tonnes of
CO₂
Saved p.a

C.J Sheeran

- C.J Sheeran, the pallet manufacturer set out to lower carbon emissions and energy bills by switching to a renewable energy source
- 1,934 tonnes of CO₂ saved per year
- 6.4 years payback period
- 713,967 litres of kerosene no longer being used annually

Step 4: Invest in energy efficiency upgrades Accelerated Capital Allowance

- Accelerated Capital Allowance(ACA) is a tax incentive encouraging investment in energy saving technology.
- The ACA scheme allows a sole trader, farmer or company that pays corporation tax in Ireland to deduct the full cost of the equipment from their profits in the year of purchase.
- The reduction in tax paid by the organisation in that year is currently 12.5% of the value of capital expenditure.
- Find out more and apply online: <https://www.seai.ie/business-and-public-sector/business-grants-and-supports/accelerated-capital-allowance>

Electric Vehicles for Business

- SEAI provide support of up to **€3,800** towards the commercial purchase of a Light Commercial Vehicle (LCV)
- **Staff provided with the use of a fully electric vehicle can also apply to SEAI's home charger grant for support**
- Other business supports include:
 - Accelerated Capital Allowance(ACA) for electric vehicles and electric vehicle charging equipment
 - Toll incentive scheme which provides savings of up to **€1000 per year**
 - **0% BIK on first €50,000 of vehicle price**
- Check with your local dealer or visit www.drivingelectric.ie to see if your business is eligible
- More details on grants can be found here: [Electric Vehicle Home Charger Grant | SEAI](#)

Community Energy Grant

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

- Community oriented with a cross-sectoral approach, and you must show that you can sustainably finance the proposed project
- **SME's who have completed their Energy Audit through the SSEA** receive additional scores in their application
- Encouraging smaller projects from **€50k** to large projects up to **€1.5m**
- Grant values range from 35%, to 80%
- Project Coordinators are currently looking for prospective projects for the next funding call. Fund timelines will be published on the SEAI website when it opens for applicators.
- For more information visit [Grants For Sustainable Community Projects | SEAI](#)

Community Case Studies

The Fairplay Cafe

- Working towards becoming a zero-carbon building and a hub for sustainability in the community.
- Completed the SEAI Energy Master Plan, which provided a roadmap for energy efficiency projects in the wider community.
- Installed Energy Efficient LED Lighting.
- Installed Solar PV to generate electricity.

€1,300
Savings per
annum



Batterstown Energy Community

- Energy Mater Plan approved by SEAI.
- Strategic Partnership formed with Meath County Council.
- Use of Home Energy Saving Kit to engage a community.
- Community collaboration and connectivity.

Step 5: Monitor, track and report Energy Efficiency Obligation Scheme (EEOS)

- Under EEOS, the largest energy companies in Ireland are obligated to achieve energy savings targets every year
- They do this by supporting energy efficiency projects in businesses and homes across the country
- The energy companies offer financial and/or practical supports in exchange for counting the energy savings towards their targets
- The types of projects supported include building energy upgrades, heating and cooling system upgrades, new motors and pumps, fleet and energy management systems
- The energy companies must be able to demonstrate their involvement in the project before works start
- For more information, visit here: <https://www.seai.ie/business-and-public-sector/business-grants-and-supports/energy-efficiency-obligation-scheme/>

EXEED programme overview



Agenda

What is EXEED?



Who is it for?



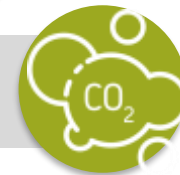
Why EXEED – What makes it different?



Grant support available



Further information available



Invest in energy efficiency upgrades

Excellence in Energy Efficient Design (EXEED)

- SEAI EXEED (Excellence in Energy Efficient Design) is a certification program that helps businesses achieve optimum energy performance.
- It applies a standardised approach to project design and implementation for new or upgraded buildings and processes.
- Grant support of up to **€1,000,000** per project available.
- Open year-round for applications by businesses and public sector organisations.

Who is it for?



Brand new buildings and facilities



Upgrades or re-purposing of existing buildings and facilities



Manufacturing processes

Overview

EXEED (**Excellence in Energy Efficient Design**) is a certification program that **helps businesses achieve optimum energy performance** by applying a standardised approach to project design and implementation for new or upgraded buildings and processes

The SEAI EXEED program provides grant support and a structured approach to energy efficient design management to **maximise lifecycle energy and carbon performance.**



Who is it for?

- Organisations that are investing in a building or process, for example:
 - a new facility
 - a new or existing process
 - an extension to an existing building
 - a renovation of an existing building
 - an energy upgrade of a building



Brand new
buildings and
facilities



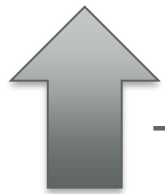
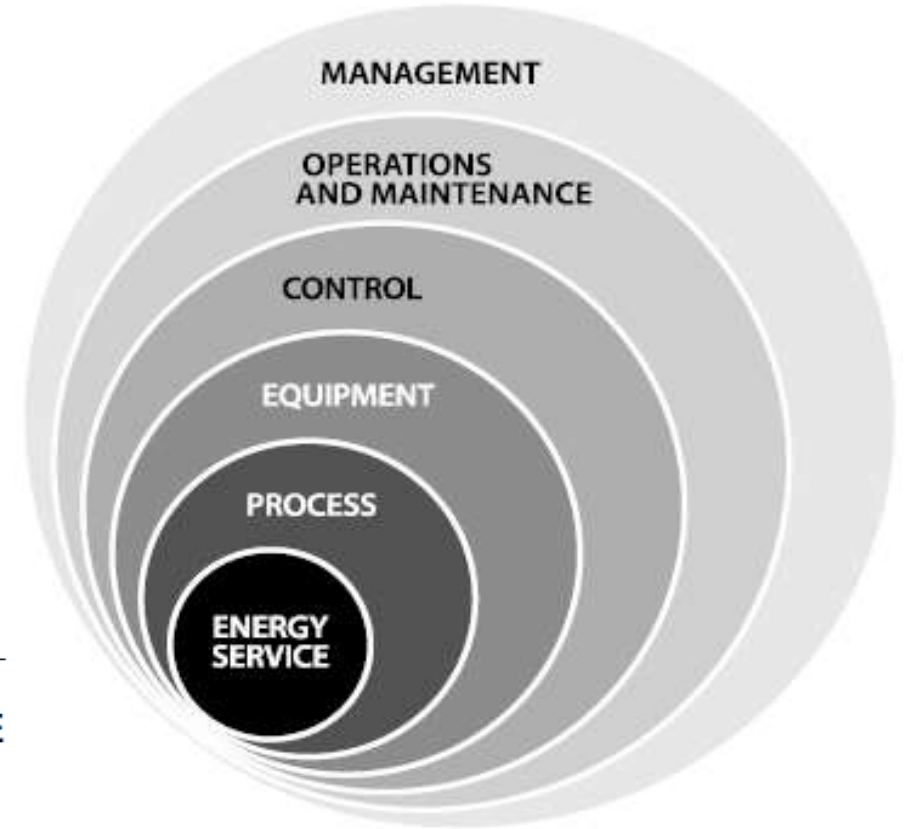
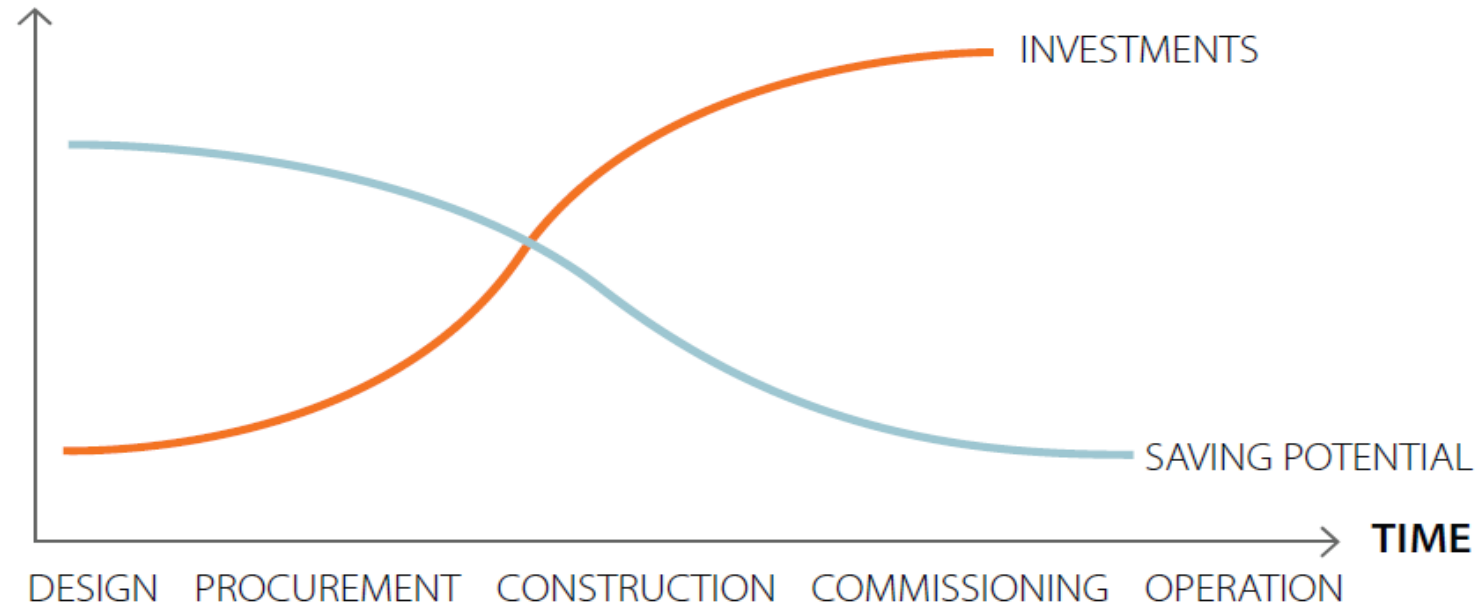
Upgrades or
re-purposing of
existing buildings
and facilities



Manufacturing
processes

Why EXEED?

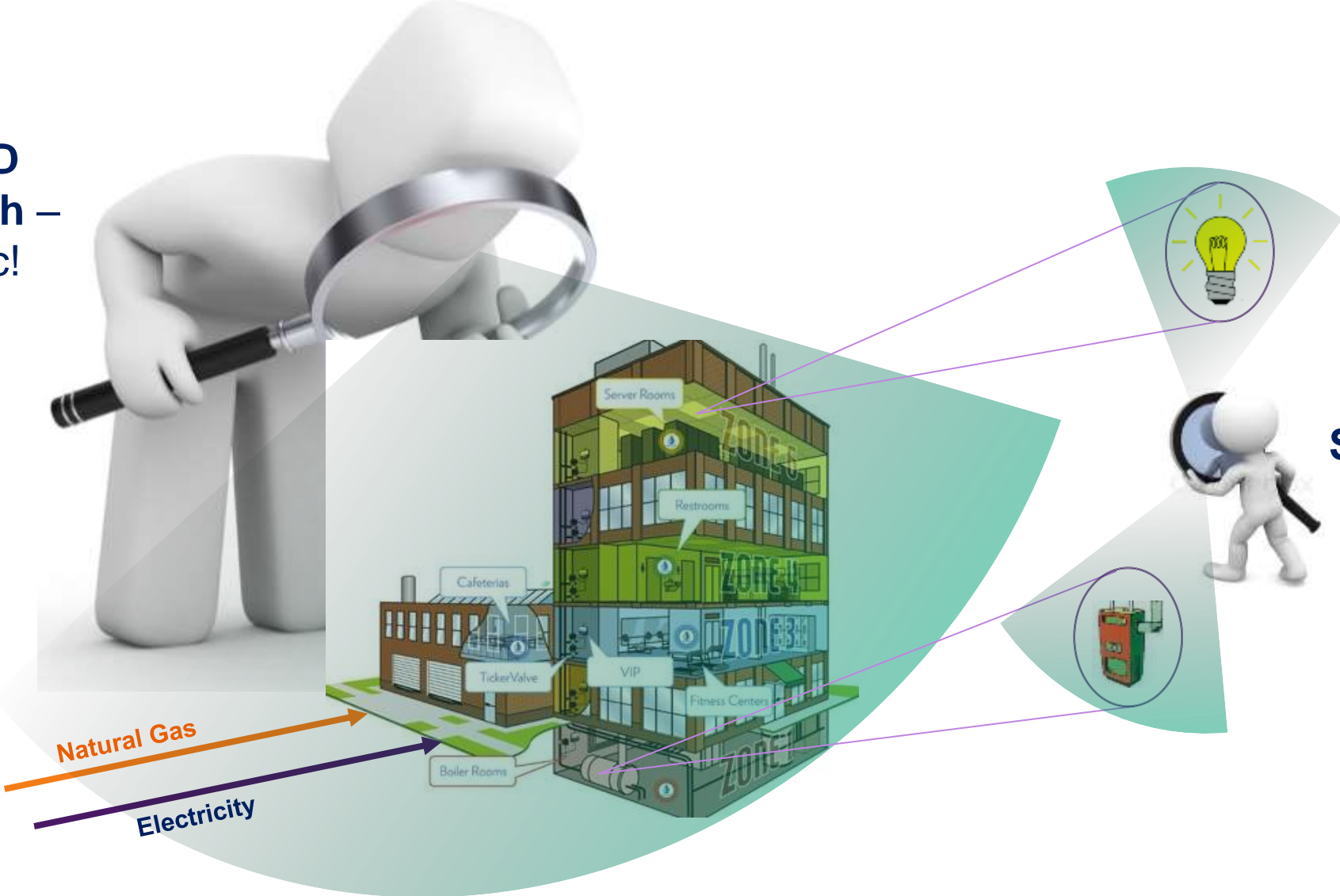
SAVING POTENTIAL INVESTMENTS



The earlier the challenge, the greater the opportunity

Why EXEED? – what makes it different?

EXEED approach – Holistic!



Standard Audit approach – looking at equipment in isolation

EXEED: Value proposition

- A strong action and strategy by an organisation to **minimise contribution to climate change**
- **Strategically addresses lifecycle energy and carbon costs** from the design stages
- **Drives innovation** through R&D – new solutions potentially emerging especially when applied across global investment
- **Future-proofing** business
- Ireland can **demonstrate as a global leader** and centre of excellence
- Demonstration of CSR and ESG values

Grant Support available



€9 million grant support available in 2022

- Grant support of up to **€1,000,000** per project
- Helps businesses to future-proof their assets, by:
 - Designing for optimum energy performance
 - Reducing energy bills and CO₂ emissions
 - Improving competitiveness
 - Boosting reputation (by demonstrating commitment to sustainability)

Open for applications year-round
– No deadline

Multi-annual implementation
window – October of following
year



Grant support available

Stage	Support for	Grant %		
		Large Organisation	Medium Organisation	Small Organisation
Stage 1	Pre-investment costs <i>typically</i> <ul style="list-style-type: none"> ○ EED Expert professional fees ○ Modelling ○ Specialist consultancy fees 	Up to 50% grant	Up to 60% grant	Up to 70% grant
Stage 2	Capital costs (above baseline) <i>typically</i> <ul style="list-style-type: none"> ○ Equipment costs* ○ Installation costs* ○ Investment professional fees 	Up to 30% grant	Up to 40% grant	Up to 50% grant

* Counterfactual may apply

Types of expenditure supported

Stage 1

- EED Expert
- Technical feasibility studies
- Benchmarking studies
- Specialist consultancy for C&A
- Additional concept engineering design activities
- Energy Modelling

Stage 2

- Equipment
 - *such as: Heat pumps, AHUs, Pumps, Biomass boilers, Lighting, Solar PV, Efficient machinery, VSDs, Insulation etc*
- Installation and commissioning costs
- Investment Professional Services
 - *such as: EED Expert, M&V Expertise*

Further information

Find out more and apply online:

- EXEED Certification page: www.seai.ie/business-and-public-sector/standards/exeed-certified-program/
- EXEED Grant page: www.seai.ie/business-and-public-sector/business-grants-and-supports/exeed-certified-grant/
- SEAI website
 - [EXEED Certified Grant](#)
 - [EXEED Certified Standard](#)
- Contact us
 - Email: exeed@seai.ie
 - Tel: 01 808 2162

Apply Now >

Contact us

Tel [01 8082162](tel:018082162)

Email exeed@seai.ie

EXEED Case Studies

Aurivo Consumer Foods

- Global agribusiness
- Installed a high efficiency heat recovery system in their fresh milk pasteurisation process
- They will offset in excess of 780 tonnes of CO₂ annually
- They'll reduce onsite emissions for the manufacturing of liquid milk products by over 85%

85%
Reduction
in onsite
emissions



690
LED lights
installed

80%
Energy
savings



DAA

- Major carpark lighting upgrade project
- Installed 690 LED lights, resulting in 80% savings.
- Can change the lighting level to suit the operational need and capacity at a given time
- LED lights need less maintenance and have a longer life than traditional lights.

Other Supports



Large Industry Energy Network (LIEN)

- SEAI's LIEN provides advice and mentoring support for large industry to improve their energy efficiency, save money and decarbonise.
- LIEN provides:
 - free impartial, expert energy management mentorship via relationship managers
 - access to industry briefings, sectoral special working groups, workshops, best practice guidance and case studies
 - support with monitoring and reporting of energy and emissions data
 - support with attaining and maintaining ISO 50001 certification
- Companies interested in joining can email Business@seai.ie year round for more information
- Review the membership list and find out more about the network here: <https://www.seai.ie/business-and-public-sector/large-business/lien/>

Energy Show

- The annual SEAI Energy Show is Ireland's leading business to business sustainable energy event. It is a free two day event that is essential if you work in the energy sector
- The Energy Show includes;
 - A B2B exhibition
 - Expert seminars
 - Technology demonstrations
 - Electric vehicle test drives
 - Multiple networking opportunities
- Registrations open in February each year with the event taking place in March
- For more information visit www.seai.ie/events/seai-energy-show/

Residential



Energy Awards

- The annual SEAI Energy Awards recognise and reward excellence in all aspects of energy efficiency and renewable energy. Nine award categories cover a wide range of areas and activities from large business to communities
- Awards entrants can use the event to showcase their sustainable energy achievements, as a result they can win recognition for smart energy solutions and practices
- Applications are open in April and winners are announced in October. The competition is open to organisations in both the Republic of Ireland and Northern Ireland.
- More information can be found here: www.seai.ie/events/sustainable-energy-awards/



Climate Toolkit 4 Business

Climate Toolkit 4 Business

Start your zero carbon journey

The Climate Toolkit 4 Business is an easy-to-use platform that enables users to see how their business is making a climate impact.

Business Benefits:

- Enables small business to play their part in the wider climate action agenda
- Helps to boost energy efficiency and save money; aligning with national and EU policy which is important for companies looking to operate internationally
- Enhances brand reputation
- Engages staff in positive action and behaviors
- Includes a climate action plan template and simple carbon calculator
- For more information visit: www.climatetoolkit4business.gov.ie

