Action Plan Master List

- 'Headings' in **black boxes** describe the purpose / thrust of the action to be given to the user. Only text in white boxes is provided to users.
- Where this categorisation criteria are in a **green box** it is proposed that all users would receive this type of action in one of the categories listed. Where the criteria are in an **orange box**, users would only receive recommended actions if they are in one of the categories/sectors referenced.
- Each action is assigned a priority:
 - o Get started
 - o Embed
 - o Strategic
- Each action is assigned relevant focus area buttons:
 - o Energy
 - Water
 - o Travel
 - o Materials
 - o Training/ staff engagement
 - Cost saving
 - High Impact
 - Supports

Recommended Actions Master List

1. Give this plan an owner					
	Size				
10 or fewer	11 - 249	250 or more			
Appoint a key member of staff to be your sustainability champion.	Appoint a small number of key staff across the business to be a 'Green Team', with an appointed leader.	Appoint a senior manager as your sustainability lead, with access to the necessary resources and perhaps a 'Green Team' of colleagues			
Your sustainability champion will take ownership of this plan, share it with all staff and set an ambitious but achievable timeframe for putting these measures in place.	Your Green Team, with oversight of a member of the senior management team, will take ownership of this plan, share it with all staff and set an ambitious but achievable timeframe for putting further measures in place.	throughout the organisation. Your Sustainability lead and Green Team, with oversight of a member of the senior management team, will take ownership of this plan, share it with all staff and set an ambitious but achievable timeframe for putting			
Establishing clear ownership of this plan is an important first step and will help raise awareness and give priority to the actions needed in order to decarbonise your business.	Give each action in this plan an 'owner'. Establishing clear ownership of this plan is an important first step and will help give priority to the actions needed in order to decarbonise your business.	these measures in place. Give each action in this plan an 'owner' who will be responsible for implementing that action. Establishing clear ownership of this plan is an important first step and will help with the prioritisation and			

Consider allocating an Consider allocating an appropriate delivery of actions needed to appropriate budget for budget for implementation of this decarbonise your business. implementation of this plan. Consider allocating an appropriate budget for implementation of this plan. Part of the role of your sustainability lead should be to undertake an assessment of which actions are most material for your company. Get started Get started Training/ staff engagement Training/ staff engagement Get started

Training/ staff engagement		
2. Hadastalia Engani Turinin		
2. Undertake Energy Trainin	g – Provide training to staff to reduce Size	energy use.
10 or fewer	11 - 249	250 or more
All appropriate staff should do an online energy training course to identify energy and cost savings for your business.	All appropriate staff should do an energy training course to identify energy and cost savings for your business.	Key management and all appropriate staff should undertake energy training to identify opportunities for further energy and cost savings for your business.
Completing an e-learning course on SEAI's Energy Academy will enable staff to reduce your business' energy consumption and save money on your energy bills. Supports Available & Description	Arrange for your Green Team and other relevant staff to undertake Energy Management training with SEAI or Skillnet Ireland. By changing behaviours within the workplace, businesses can lower operating costs while reducing energy intensity, which is vital for combatting climate change. Supports Available & Description	Your Sustainability lead should undertake regular specialist training to identify energy and cost efficiencies. Arrange for staff and Green Team to undertake Energy Management training with SEAI or Skillnet Ireland. By changing awareness and knowledge within the workplace, businesses can
The SEAI Energy Academy is a free online training	The SEAI Energy Academy is a free online training resource offering	lower operating costs while reducing energy intensity.
resource offering modules focussed on important areas of energy efficiency and management. https://www.seai.ie/energyacademy/	modules focussed on important areas of energy efficiency and management. https://www.seai.ie/energyacademy/ The Climate Ready Academy Energy Leaders Programme equips businesses and energy professionals with expertise on how to reduce energy waste, optimise cost savings, and protect the environment.	Supports Available & Description The SEAI Energy Academy is a free online training resource offering modules focussed on important areas of energy efficiency and management. https://www.seai.ie/energyacademy/
	https://www.climatereadyacademy.ie/energy-leaders-programme/ The Climate Ready Academy Sustainability Leaders Programme aims to drive and assist businesses and	The Climate Ready Academy Energy Leaders Programme equips energy professionals with expertise on how to reduce energy waste, optimise cost savings, and protect the environment.

Get started
Energy
Training/staff engagement

Sustainability professionals to embrace responsible and sustainable business practices towards a decarbonised economy.

https://www.climatereadyacademy.ie/sustainability-leaders-programme/

SEAI Introduction to Energy
Management: Creating an Energy
Action Plan Training assists businesses
with writing an energy action plan,
tracking their energy use, and
developing an energy management
strategy.

https://www.eventbrite.ie/o/sustainab le-energy-authority-of-ireland-8264675575

Get started Energy

Training/staff engagement

https://www.climatereadyacademy .ie/energy-leaders-programme/

The Climate Ready Academy
Sustainability Leaders Programme
aims to drive and assist businesses
and Sustainability professionals to
embrace responsible and
sustainable business practices
towards a decarbonised economy.
https://www.climatereadyacademy
.ie/sustainability-leadersprogramme/

Get started Energy

Training/staff engagement

3. Understand, monitor and reduce your energy use by increasing energy awareness and encouraging behavioural change

All users

Monitor and reduce your energy use, by increasing energy awareness and encouraging behavioural change amongst staff

Recording energy use gives you a baseline against which to measure all improvement actions taken. SEAI's Energy Management Guide for Small Business can be a useful guide to getting started with monitoring your energy use.

Use communications tools to promote awareness and support staff to be more energy efficient

Communications will include:

- Posters and/or other prominent messages in the workplace to let staff know about the energy saving and conservation measures
- Regular communication on the energy and emissions footprint of the organisation and the steps underway to address these
- Cues to remind staff to turn off lights and equipment at the end of the day/when not required.
- Appointing someone to turn off communal machines like printers, coffee machines, etc. at appropriate times
- Energy saving competitions between departments or teams
- Encouraging all staff to undertake online sustainability training (training recommendations provided in further actions)
- consider assigning sustainability objectives, goals and actions as part of your performance management process

Supports Available & Description

SEAI Introduction to Energy Management: Creating an Energy Action Plan Training assists businesses with writing an energy action plan, tracking their energy use, and developing an energy management strategy. https://www.eventbrite.ie/o/sustainable-energy-authority-of-ireland-8264675575

The **SEAI Energy Management Guide for Small Business** is a useful guide to getting started with monitoring your energy use.

https://www.seai.ie/business-and-public-sector/small-and-medium-business/supports/training/SEAI-Energy-Management-Guide.pdf

The Skillnet Ireland Climate Ready Academy **Sustainability Pass** is a free online self-study modular programme designed to support all staff of all disciplines and skill levels to improve sustainability awareness and encourage best sustainability practices.

https://www.climatereadyacademy.ie/sustainability-pass/

The Climate Ready Academy Sustainability Leaders programme aims to drive and assist businesses and Sustainability professionals to embrace responsible and sustainable business practices towards a decarbonised economy.

https://www.climatereadyacademy.ie/sustainability-leaders-programme/

SEAI's Energy Academy has modules that will teach you the most effective ways to run behaviour change campaigns in the workplace: https://www.seai.ie/energyacademy/

SEAI offers workplace resources like downloadable sticker templates and posters to assist with encouraging sustainable energy use behaviours amount staff:

https://www.seai.ie/business-and-public-sector/small-and-medium-business/supports/tips-and-resources/

Get started Energy

Training/ staff engagement

4. Implement all no-cost and low-cost energy-saving measures

All Users

Take 'early win' actions on efficiency and cost saving measures first

The journey to zero emissions will be a demanding one and will likely require strategic investment over time. However, introducing some low-cost energy-saving measures identified through your training can help you make early progress, save your business money and set you on a path to lowering your carbon footprint.

Consider:

- Replacing all old fluorescent or incandescent lighting with high efficiency LED Lighting at end of life, install lighting controls, such as motion detectors, to reduce consumption.
- Ensuring thermostats are set to 19 22 degrees C and set timers to turn off on weekends and evenings.
- Installing draught-proofing anywhere that unwanted cold air comes in e.g. under doors, around window frames, through old unused extractor fans.
- Ensuring major energy using equipment such as boilers, compressors, dryers, refrigeration are regularly serviced and maintained to avoid excess consumption.

Review all potential opportunities in SEAI SME Guide to Energy Efficiency

Supports Available & Description

Replace old fluorescent or incandescent lighting with high efficiency LED Lighting at end of life, install lighting controls such as motion detectors to reduce consumption.

https://www.seai.ie/publications/SEAI-Energy-Efficient-LED-Lighting-Guide.pdf

The SBCI Energy Efficiency Loan Scheme (EELS) offers discounted term loans, asset finance and hire purchase to SMEs, farmers and fishers planning investments in energy-saving technology. Lending benefits from reduced interest rates, finance amounts range from €10k to €150k over terms of up to 10 years.

https://sbci.gov.ie/products/energy-efficiency-loan-scheme-eels



5. Implement Space Heating measures

All Users

Take additional measures to reduce your heating costs if you have not already done so

- Insulate your premises so it loses less heat (ensuring adequate ventilation)
- Consider your office layout where people sit affects how hot or cold they feel.
- Installing recirculating fans (to move hot air that has risen to the roof back down to where it is needed) or lower suspended ceilings (to reduce the amount of space to be heated).
- Installing new windows can reduce heat loss significantly.
- Ensure you have the right type of heating. Spot heating can be more efficient in large spaces with few people.

An investment in energy efficiency – however small – will help drive increased competitiveness and build resilience to the headwinds of market uncertainty and energy price volatility.

Supports Available & Description

More ideas on how to improve heating efficiency are available in SEAI's SME Guide to Energy Efficiency:

SME-Guide-to-Energy-Efficiency.pdf (seai.ie)

The SBCI Energy Efficiency Loan Scheme (EELS) offers discounted term loans, asset finance and hire purchase to SMEs, farmers and fishers planning investments in energy-saving technology. Lending benefits from reduced interest rates, finance amounts range from €10k to €150k over terms of up to 10 years.

https://sbci.gov.ie/products/energy-efficiency-loan-scheme-eels



6. Engage with your landlord

If response to: I own my premises = NO

Engage early with your landlord or lessor to make necessary changes to energy use, building fabric, lighting and other actions in this plan. If you are considering moving or renting a new premises, make sustainability a key criterion in decision making and in lease negotiations.

You have indicated that you are renting or leasing your premises. While you may therefore be constrained in implementing some of the actions proposed in this plan, many of them are deliverable and commercially sensible, with the engagement of your landlord or lessor. It might also be helpful to engage with other tenants if appropriate.

Get started Energy High impact

7 External expertise to identify energy saying opportunities and plan for zero carbon				
7. External expertise to identify energy saving opportunities and plan for zero carbon Energy Spend (Per Annum)				
<€10,000	€10k - €49,999k	€50k - €500k	>€500k	
Seek external expertise to help make a plan for a zero-carbon business.	Seek external expertise to help make a plan for a zero-carbon business.	Undertake an energy audit of your business and make a plan for zero-carbon.	Undertake an energy audit of your business and make a plan for zero-carbon.	
Having an external expert examine the energy use and wider operations of your business can help you to plan for further efficiencies and low carbon opportunities.	Having an external expert examine the energy use and wider operations of your business can help you to plan for further efficiencies and low carbon opportunities.	Having an external expert examine the energy use in your business can help to identify potential energy and cost	Having an external expert examine the energy use and wider operations of your business can help you to plan for further	
Supports Available & Description	Supports Available & Description	Supports Available & Description	efficiencies and low carbon opportunities. -For Large companies	
Micro enterprises (up to 10 staff) can avail of free expert advice and mentorship through the Green for Micro scheme: https://www.localenterprise.ie/Green/Green-for-Micro.html	SEAI's Support Scheme for Energy Audits offers financial support for a high-quality energy audit for SMEs that spend more than €10,000 annually on energy. Energy Audits for SMEs Business SEAI	SEAI's Support Scheme for Energy Audits offers financial support for a high-quality energy audit for SMEs that spend more than €10,000 annually on energy.	that fall within the Energy Efficiency Directive, you must ensure that you meet the mandated requirement to get an energy audit done every 4 years: https://www.seai.ie/busi	
Strategic Energy Cost saving High impact	Enterprise Ireland has a range of supports for client companies to reduce emissions and improve environmental performance. The Climate	Energy Audits for SMEs Business SEAI Enterprise Ireland has a range of supports for client companies to	ness-and-public- sector/energy-auditing/ Supports Available & Description	
Supports	Action Voucher to develop an initial action plan, and GreenStart/Plus to develop internal capabilities. https://globalambition.ie/climate-enterprise-action-fund/ The Strategic Consultancy - short programme	reduce emissions and improve environmental performance. The Climate Action Voucher to develop an initial action plan, and GreenStart/Plus to develop internal capabilities. https://globalambition.i	SEAI's Support Scheme for Energy Audits offers financial support for a high-quality energy audit of your business for or SMEs that spend more than €10,000 annually on energy. and that are not already mandated to get an audit	

assists Enterprise Ireland and Údarás na Gaeltachta clients to develop and/or implement strategic initiatives and company plans in the areas of sustainability and decarbonisation. It allows up to 80% of the eligible costs incurred in hiring a consultant, with a maximum grant amount of €7,200

Strategic
Energy
Cost saving
High impact
Supports

e/climate-enterpriseaction-fund/

The Strategic
Consultancy Grant,
open to Enterprise
Ireland and Údarás na
Gaeltachta clients, is a
grant to assist large
energy users develop a
carbon reduction
roadmap. This provides
grant rates of up to 5080% of eligible costs,
with typical maximum
support of €35k.

Embed
Energy
Cost saving
High impact
Supports

Energy Audits for SMEs | Business | SEAI

Enterprise Ireland has a range of supports for client companies to reduce emissions and improve environmental performance. The Climate Action Voucher to develop an initial action plan, and GreenStart/Plus to develop internal capabilities. https://globalambition.ie/climate-enterprise-action-fund/

The Strategic
Consultancy Grant, open
to Enterprise Ireland and
Údarás na Gaeltachta
clients, is a grant to
assist large energy users
develop a carbon
reduction roadmap. This
provides grant rates of
up to 50-80% of eligible
costs, with typical
maximum support of
€35k.



8. Sector Specific Energy-saving Actions - If: Sector selected Other Manufacturing, Food & Drink, Retail Pharmaceuticals, Engineering Assess your refrigeration equipment to ensure it is Assess your manufacturing process to ensure it is optimised to use less energy and resources optimised to use less energy and resources Fridges and freezers are very high consumers of For example, avoid wasting energy when motors are energy, so it is important to make sure that they are running: running at optimal efficiency. Optimum Automate and interlock motor controls so that temperatures for fridges range from 1.7 to 3.3 they only run when other equipment is degrees Celsius, and for freezers -18 to -20 degrees Celsius.

switched on and are isolated when it's switched off.

 Establish optimum settings for motors and communicate to staff.

Avoid wasting energy from compressors by ensuring adequate space around compressors and regularly checking for leaks; install automatic isolation valves so that air is not wasted when machines are not in use.

Consider reusing waste heat from compressors. Over 90% of the energy that goes into a compressor comes out as heat – consider using it, for example by fitting a heat exchanger and heating water.

Consider improving motor efficiency: Variable speed drives improve motor efficiency by wasting less energy, increase lifespan of motor and reduce maintenance

Ensure that you are compliant with <u>refrigerant</u> regulations.

Supports Available & Description

Lean for Micro is designed to encourage Local Enterprise Office clients to adopt Lean business principles in their businesses to increase performance and competitiveness. Applying LEAN principles to your business will help to build resilience so that you are better positioned to cope with future challenges and opportunities. LEAN - Local Enterprise Office

Enterprise Ireland has a range of supports for client companies to reduce emissions and improve environmental performance. The Climate Action Voucher to develop an initial action plan, and GreenStart/Plus to develop internal capabilities.

https://globalambition.ie/climate-enterprise-action-fund/

Enterprise Ireland's Lean Business Offer is designed to encourage clients to adopt Lean business principles in their organisation to increase performance and competitiveness. https://www.enterprise-ireland.com/en/Productivity/Lean-Business-Offer/

IDA Ireland Lean/Green offer can assist client companies in improving their resource efficiency

Ensure freezers are defrosted regularly.

Repair door seals on fridges and relocate refrigeration units if they are located near draughts: poor location can nearly double energy use.

Fit LED lighting. Lighting can add ~10% to the heat load in refrigeration systems. LEDs work very well at low temperatures and give off very little heat, so they are perfect for cooled spaces. They are also very low maintenance, therefore reducing lifetime costs.

Ensure that you are compliant with <u>F-gases</u> regulations if applicable.

Supports Available & Description

Lean for Micro is designed to encourage Local Enterprise Office clients to adopt Lean business principles in their businesses to increase performance and competitiveness. Applying LEAN principles to your business will help to build resilience so that you are better positioned to cope with future challenges and opportunities. <u>LEAN</u> - Local Enterprise Office

The Accelerated Capital Allowance (ACA) is a tax incentive designed to encourage businesses to invest in energy efficient products. If you select products from SEAI's Triple E register when purchasing new refrigeration equipment, then you will be able to deduct the full cost of that equipment from your profits in the year of purchase.

https://www.seai.ie/business-and-public-sector/business-grants-and-supports/accelerated-capital-allowance/

Under the SEAI EXEED grant scheme, support may be available for organisations planning an ambitious energy efficiency overhaul of their existing food production, processing and storage processes https://www.seai.ie/business-and-public-sector/business-grants-and-supports/exeed-certified-grant/

The SBCI Energy Efficiency Loan Scheme (EELS) offers discounted term loans, asset finance and hire purchase to SMEs, farmers and fishers planning investments in energy-saving technology. Lending benefits from reduced interest rates, finance amounts range from €10k to €150k over terms of up to 10 years.

https://www.idaireland.com/getmedia/038d79cd-<u>Obec-4008-a5a3-</u> <u>e8c266fa5afb/IDA Lean Green Business Offer V2.</u> pdf.aspx/

The Accelerated Capital Allowance (ACA) is a tax incentive designed to encourage businesses to invest in energy efficient products. If you select products from SEAI's Triple E register when purchasing new refrigeration equipment, then you will be able to deduct the full cost of that equipment from your profits in the year of purchase. https://www.seai.ie/business-and-supports/accelerated-capital-allowance/

Under the SEAI EXEED grant scheme, support may be available for organisations planning an ambitious energy efficiency overhaul of their existing food production, processing and storage processes.

https://www.seai.ie/business-and-public-sector/business-grants-and-supports/exeed-certified-grant/

The Energy Monitoring and Tracking Systems (EM & T) scheme is open to Enterprise Ireland, Údarás na Gaeltachta and IDA Ireland manufacturing clients. It assists companies implement monitoring and targeting systems to begin accounting for the carbon footprint of their activities.

The SBCI Energy Efficiency Loan Scheme (EELS) offers discounted term loans, asset finance and hire purchase to SMEs, farmers and fishers planning investments in energy-saving technology. Lending benefits from reduced interest rates, finance amounts range from €10k to €150k over terms of up to 10 years.

https://sbci.gov.ie/products/energy-efficiency-loan-scheme-eels

embed Energy Cost saving High impact Supports https://sbci.gov.ie/products/energy-efficiency-loan-scheme-eels

Embed
Energy
Cost saving
High impact
Supports

9. Undertake targeted investments in order to remove fossil fuels from your operation Energy Spend (Per Annum)

<€10,000	€10k - €49,999k	€50k - €500k	>€500k
Plan now to go low - carbon when you are next upgrading your boiler or heating system. Once you have	Make a plan to go low - carbon when you can, or at a minimum when you next upgrade boiler(s) or heating systems	Make a plan to go low - carbon as soon as possible, such as installing heat-pump(s) or bio-energy processes.	Make a plan to go low - carbon as soon as possible, such as installing heat-pump(s) or bio-energy processes.
addressed available efficiency measures, undertaking targeted investments to remove fossil fuels from your business' operations will reduce emissions and make your business resilient and ready for the zero-carbon future. Over time it will save you carbon taxes and other emissions penalties. Consider whether passive water heating or	Once you have completed a full energy audit, and addressed available efficiency measures, undertaking targeted investments to remove fossil fuels from your business' operations will reduce emissions and make your business resilient and ready for the zerocarbon future. Over time it will save you carbon taxes and other emissions penalties.	Once you have completed a full energy audit, and addressed available efficiency measures, undertaking targeted investments to remove fossil fuels from your business' operations will reduce emissions and make your business resilient and ready for the zerocarbon future. Over time it will save you carbon taxes and other emissions penalties.	Once you have completed a full energy audit, and addressed available efficiency measures, undertaking targeted investments to remove fossil fuels from your business' operations will reduce emissions and make your business resilient and ready for the zerocarbon future. Over time it will save you carbon taxes and other emissions penalties.
rooftop microgeneration could be useful for your building.	Supports Available & Description	Supports Available & Description	Supports Available & Description
Supports Available & Description The Non-Domestic Microgen Scheme (NDMS) provides financial assistance to help businesses and other sectors to install	The Non-Domestic Microgen Scheme (NDMS) provides financial assistance to help businesses and other sectors to install solar PV panels to generate electricity on site.	The Non-Domestic Microgen Scheme (NDMS) provides financial assistance to help businesses and other sectors to install solar PV panels to generate electricity on site.	The Non-Domestic Microgen Scheme (NDMS) provides financial assistance to help businesses and other sectors to install solar PV panels to generate electricity on site.
solar PV panels to generate electricity on site. https://www.seai.ie/busi ness-and-public- sector/business-grants- and-	https://www.seai.ie/busi ness-and-public- sector/business-grants- and- supports/commercial- solar-pv/	https://www.seai.ie/busi ness-and-public- sector/business-grants- and- supports/commercial- solar-pv/	https://www.seai.ie/busi ness-and-public- sector/business-grants- and- supports/commercial- solar-pv/
supports/commercial-solar-pv/ Through the Energy Efficiency Obligation Scheme, energy providers (gas, electricity and solid fuel) have an obligation to help customers decarbonise – contact any of these	Through the Energy Efficiency Obligation Scheme, energy providers (gas, electricity and solid fuel) have an obligation to help customers decarbonise – contact any of the providers (known as Obligated Parties) to assess available support	Through the Energy Efficiency Obligation Scheme, energy providers (gas, electricity and solid fuel) have an obligation to help customers decarbonise – contact any of the providers (known as Obligated Parties) to assess available support	Through the Energy Efficiency Obligation Scheme, energy providers (gas, electricity and solid fuel) have an obligation to help customers decarbonise – contact any of the providers (known as Obligated Parties) to assess available support

Obligated Parties) to assess available support options.

https://www.seai.ie/busi ness-and-publicsector/business-grantsand-supports/energyefficiency-obligationscheme/

Grant support for oneoff measures such as
lighting or insulation may
be available through
SEAI's Communities
Grant – consider
engaging with an
experienced Community
Energy Project
Coordinator to find out if
this approach could be
right for you:
https://www.seai.ie/grants/community-grants/

Consider installing renewable heat sources such as a heat pump or biomass boiler under the Support Scheme for Renewable Heat https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/

The Capital investment for decarbonisation processes scheme supports investment in carbon reducing technologies in manufacturing combustion processes. The scheme may provide grants of up to 50%, with a maximum support of €1m, for Enterprise Ireland, Údarás na Gaeltachta and IDA Ireland manufacturing clients.

strategic Energy https://www.seai.ie/busi ness-and-publicsector/business-grantsand-supports/energyefficiency-obligationscheme/

Grant support for oneoff measures such as
lighting or insulation may
be available through
SEAI's Communities
Grant – consider
engaging with an
experienced Community
Energy Project
Coordinator to find out if
this approach could be
right for you:
https://www.seai.ie/gran
ts/community-grants/

Consider installing renewable heat sources such as a heat pump or biomass boiler under the Support Scheme for Renewable Heat https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/

The Capital investment for decarbonisation processes scheme supports investment in carbon reducing techn<u>ologies in</u> manufacturing combustion processes. The scheme may provide grants of up to 50%, with a maximum support of €1m, for Enterprise Ireland, Údarás na Gaeltachta and IDA Ireland manufacturing clients.

The SBCI Energy
Efficiency Loan Scheme
(EELS) offers discounted
term loans, asset finance
and hire purchase to
SMEs, farmers and

https://www.seai.ie/busi ness-and-publicsector/business-grantsand-supports/energyefficiency-obligationscheme/

Grant support for oneoff measures such as
lighting or insulation may
be available through
SEAI's Communities
Grant – consider
engaging with an
experienced Community
Energy Project
Coordinator to find out if
this approach could be
right for you:
https://www.seai.ie/gran
ts/community-grants/

Consider installing renewable heat sources such as a heat pump or biomass boiler under the Support Scheme for Renewable Heat https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/

The Capital investment for decarbonisation processes scheme supports investment in carbon reducing technologies in manufacturing combustion processes. The scheme may provide grants of up to 50%, with a maximum support of €1m, for Enterprise Ireland, Údarás na Gaeltachta and IDA Ireland manufacturing clients.

The SBCI Energy Efficiency Loan Scheme (EELS) offers discounted term loans, asset finance and hire purchase to SMEs, farmers and https://www.seai.ie/busi ness-and-publicsector/business-grantsand-supports/energyefficiency-obligationscheme/

Grant support for oneoff measures such as
lighting or insulation may
be available through
SEAI's Communities
Grant – consider
engaging with an
experienced Community
Energy Project
Coordinator to find out if
this approach could be
right for you:
https://www.seai.ie/gran
ts/community-grants/

Consider installing renewable heat sources such as a heat pump or biomass boiler under the Support Scheme for Renewable Heat https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/

The SEAI EXEED grant scheme is designed for organisations who are planning an energy investment project and it's particularly worthwhile for companies with high energy spend. Find out more. https://www.seai.ie/business-and-public-sector/business-grants-and-supports/exeed-

The Capital investment for decarbonisation processes scheme supports investment in carbon reducing technologies in manufacturing

certified-grant/

High impact Supports fishers planning investments in energy-saving technology. Lending benefits from reduced interest rates, finance amounts range from €10k to €150k over terms of up to 10 years.

https://sbci.gov.ie/products/energy-efficiency-loan-scheme-eels

Strategic Energy High impact Supports fishers planning investments in energy-saving technology. Lending benefits from reduced interest rates, finance amounts range from €10k to €150k over terms of up to 10 years.

https://sbci.gov.ie/products/energy-efficiency-loan-scheme-eels

Embed Energy High impact Supports combustion processes.
The scheme may provide grants of up to 50%, with a maximum support of €1m, for Enterprise Ireland, Údarás na Gaeltachta and IDA Ireland manufacturing clients.

embed Energy High impact Supports

10. Undertake an assessment to design a plan to remove fossil fuels from your business operations

— If: metric provided for Coal / heating oil / heavy fuel oil

Make a plan to remove high-carbon fossil fuels from your operations as soon as possible.

You have indicated that you are using a high-carbon fossil fuel in your operations, such as Coal / Oil / LPG / Diesel / Kerosene. This is a concern to the medium-term sustainability of your business and you should plan now to address this. Carbon taxes will make these fuels more expensive for your business in the short term, and SEAI grants will no longer support systems using these fossil fuels. The good news is that you can significantly reduce your carbon footprint and decarbonise your business by addressing this.

You should:

- 1. Immediately seek an external energy audit and expertise as to the most cost-effective approach to decarbonising your activities
- 2. Use this analysis to put together a realistic plan to replace the use of high-carbon fuels in your operations

Supports Available & Description

SEAI's **Support Scheme for Energy Audits** offers financial support for businesses who want to get a high-quality energy audit. This will identify the most effective actions you can take to reduce your business's fossil fuels use.

Energy Audits for SMEs | Business | SEAI

Consider if installing renewable heat sources such as a heat pump or biomass boiler under the **Support** Scheme for Renewable Heat would be appropriate for your facility:

https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/

Energy providers (gas, electricity and solid fuel) have an obligation to help customers decarbonise – contact any of the providers (known as Obligated Parties) to assess available support options.

https://www.seai.ie/business-and-public-sector/business-grants-and-supports/energy-efficiency-obligation-scheme/

The SEAI EXEED grant scheme supports a range of energy efficiency technologies for organisations who are planning an ambitious energy investment project.

https://www.seai.ie/business-and-public-sector/business-grants-and-supports/exeed-certified-grant/

The Strategic Consultancy - short programme assists Enterprise Ireland and Údarás na Gaeltachta clients to develop and/or implement strategic initiatives and company plans in the areas of sustainability and decarbonisation. It allows up to 80% of the eligible costs incurred in hiring a consultant, with a maximum grant amount of €7,200.

The Strategic Consultancy Grant, open to Enterprise Ireland and Údarás na Gaeltachta clients, is a grant to assist large energy users develop a carbon reduction roadmap. This provides grant rates of up to 50-80% of eligible costs, with typical maximum support of €35k.

The SBCI Energy Efficiency Loan Scheme (EELS) offers discounted term loans, asset finance and hire purchase to SMEs, farmers and fishers planning investments in energy-saving technology. Lending benefits from reduced interest rates, finance amounts range from €10k to €150k over terms of up to 10 years.

https://sbci.gov.ie/products/energy-efficiency-loan-scheme-eels



If: metric provided for Coal / heating oil / heavy fuel oilAND Size = <10

Contact your Local Enterprise Office to access advice and guidance on your options to replace high-carbon fuels in your process.

Supports Available & Description

Micro enterprises (up to 10 staff) can avail of free expert advice and mentorship through the **Green for Micro** scheme:

https://www.localenterprise.ie/Green/Green-for-Micro.html

embed Energy High impact Supports If: metric provided for Coal / heating oil / heavy fuel oil AND Sector = Manufacturing / Food & Drink

Contact SEAI, Enterprise Ireland or IDA Ireland with your energy audit to access advice and support on your options to replace high-carbon fuels in your process.

Supports Available & Description

Enterprise Ireland's Green Offer can be used to assist your energy team implement an energy management system and provide advice, training and guidance on measuring and reducing emissions. https://globalambition.ie/climate-enterprise-action-fund/

IDA Ireland provides a range of external advice and feasibility assessments to foreign-owned manufacturing companies operating in Ireland. The **Go Green Offer** is designed to encourage IDA clients to adopt green business principles in their organisation to increase competitiveness and achieve international environmental best practices. https://www.idaireland.com/IDAIreland/media/HowWeHelp/2018-07-19-Go-Green-Brochure-FINAL.pdf

embed Energy High impact Supports

11. Provide training to staff to manage and reduce water use.

All Users

Provide training to all relevant staff to manage and reduce water use.

Staff should be encouraged to visit Irish Water's conservation quiz for business to undertake training. It will equip staff with the skills needed to introduce efficiencies in how your business uses water.

Supports Available & Description

Staff can take free online water stewardship training and learn about the importance of safeguarding this critical resource

https://www.water.ie/conservation/business-water-conservation/#stewardship-quiz

get started Water

Training/ staff engagement

12. Monitor your water use and set targets to reduce it.

a. Water use (if not provided, assume Low)

Low water use (less than 20,000m3 per annum) High

High water use (20,000 m3 per annum and above)

Monitor your water use and set targets to reduce it.

Appoint somebody to review your water bills periodically and introduce additional measures to bring it down each quarter or year. Sign up to Irish Water's conservation Pledge.

As a first step, highlight water conservation options in bathrooms and kitchen areas.

Water is a precious and non-renewable resource. Ensuring your business uses it efficiently will reduce your water bills and help ensure that you will continue to have a reliable water supply into the future.

Supports Available & Description

Undertake Certified Water Stewardship Training, by the European Water Stewardship Standards (EWS) in partnership with Irish Water and Lean & Green Skillnet

https://www.waterstewardshipireland.com/program mes/water-stewardship-for-smes/

Sign up to Irish Water's conservation pledge https://www.water.ie/conservation/business/#pledge-to-conserve

Your business uses a significant volume of water. It's essential that you appoint a senior manager to be responsible for monitoring your water use quarterly and setting targets to reduce it.

Designate a Water sustainability lead, and support them to become an Irish Water Certified Water Steward. They should be responsible for reviewing your water bills periodically, and introduce additional measures to bring it down each quarter or annually. The programme will provide you with the knowledge and skills to reduce water consumption and operating costs at your site.

Businesses can share their new Sustainable Water Partner badge on marketing materials/social media and add it to their green credentials

Water is a precious and non-renewable resource. Ensuring your business uses it efficiently will reduce your water bills and help ensure that you will continue to have a reliable water supply into the future.

Supports Available & Description

Undertake Certified Water Stewardship Training, by the European Water Stewardship Standards (EWS) in partnership with Irish Water and Lean & Green Skillnet

https://www.waterstewardshipireland.com/programmes/certified-water-steward-programme/



Join Water Stewardship Ireland Community of Practice (Large Users)

https://www.waterstewardshipireland.com/

Learn about addressing water quality at the catchment level.

https://www.waterstewardshipireland.com/showcase/catchment-excellence-programme/

Sign up to Irish Water's conservation pledge.

 $\frac{\text{https://www.water.ie/conservation/business/\#pledge-to-conserve}}{\text{conserve}}$

Get started
Water
Cost saving

b. Sector Specific Actions – if: Sector selected

Manufacturing	Pharma	Food & Drink	Hospitality	Education
Establish a 'Water Balance' for your manufacturing process.	Establish a 'Water Balance' for your pharma site.	Establish a 'Water Balance' for your operations and production.	Conduct a water audit of your hospitality premises.	Review Irish Water conservation advice for the Education sector.
A water balance provides a full picture of every water-consuming component on site and serves as the first step in uncovering hidden	provides a full picture of every water-consuming component on site and serves as the first step in uncovering hidden opportunities for	Origin Green endorse the Irish Water Stewardship certification as part of their sustainability credentials.	This will show where the major water use is coming from and where savings can be made. Supports Available	https://www.water .ie/conservation/w ater-education-in- school/ Embed Water Cost saving
opportunities for	savings.	Supports Available	& Description	Cost saving
savings.		& Description		
Supports Available & Description	Supports Available & Description	Irish Water provide detailed advice for	Irish Water provide detailed advice for water management	
Irish Water provide detailed advice for water management in the manufacturing industry. https://www.water.ie/conservation/business-water-conservation-tip/manufacturing/	Irish Water provide detailed advice for water management in the pharmaceutical industry. https://www.water_ie/conservation/business-water_conservation/business-conservation_tip/pharmaceutical_manufactur/	water management in the manufacturing industry. https://www.water .ie/conservation/bu siness-water- conservation/busin ess-conservation- tip/manufacturing/ Where relevant, also review Irish	in the hospitality sector. https://www.water _ie/conservation/bu siness-water- conservation/busin ess-conservation- tip/hospitality/ embed Water Cost saving	
ap/ manaractaring/	<u>manaractury</u>	Water's		

Enterprise Ireland and IDA Ireland's GreenStart and GreenPlus grants can support client companies with training and advice focused on water conservation projects e.g. -Provide advice on water risks (financial, reputational, regulatory or physical) and how to mitigate them -Assist with preparation of a Water Stewardship Map, Targets and Action Plan -Establish a baseline assessment to identify possible savings and KPIs -Provide training and guidance on the implementation of software tools to measure, manage and report -Provide introductory training for relevant staff Assist with access to other tools and resources to maintain performance and to improve water stewardship https://globalambit ion.ie/climateenterprise-actionfund/

embed
Water
Cost saving
Supports

Enterprise Ireland and IDA Ireland's GreenStart and GreenPlus grants can support client companies with training and advice focused on water conservation projects e.g.

-Provide advice on water risks (financial, reputational, regulatory or physical) and how to mitigate them

-Assist with preparation of a Water Stewardship Map, Targets and Action Plan

-Establish a baseline assessment to identify possible savings and KPIs

-Provide training and guidance on the implementation of software tools to measure, manage and report

-Provide introductory training for relevant staff

Assist with access to other tools and resources to maintain performance and to improve water stewardship

https://globalam bition.ie/climateenterprise-actionfund/

embed

conservation advice for the agricultural sector.

https://www.water_ie/conservation/business-water-conservation/business-conservation-tip/agriculture/

Undertake Certified Water Stewardship Training, by the European Water Stewardship Standards (EWS). https://www.water.ie/conservation/business-water-conservation/water-stewardship-trainin/

Enterprise Ireland and IDA Ireland's GreenStart and GreenPlus grants can support client companies with training and advice focused on water conservation projects e.g. -Provide advice on water risks (financial, reputational, regulatory or physical) and how to mitigate them -Assist with preparation of a Water Stewardship Map, Targets and Action Plan -Establish a baseline assessment to identify possible savings and KPIs -Provide training and guidance on the implementation of software tools to measure, manage

and report



-Provide
introductory
training for
relevant staff
Assist with access
to other tools and
resources to
maintain
performance and
to improve water
stewardship
https://globalambit
ion.ie/climateenterprise-actionfund/

embed
Water
Cost saving
Supports

13. Support staff to use active travel in their commute and work, facilitate remote and/or flexible work.

All Users

Support all staff to adopt more sustainable commutes and work options.

Supporting staff to walk, cycle, use public transport or carpool in their commute will contribute to staff wellbeing as well as reducing transport-related emissions. Install bike racks for staff and customers.

Introduce a remote work/ flexible work policy. Allow more staff to remote work, which will reduce transport-related emissions associated with your business and give staff additional flexibility to manage their work/life balance.

Utilise remote meeting capabilities where possible instead of travelling for meetings and conferences.

Supports Available & Description

Offer employees the bike to work scheme https://www.biketowork.ie/

Offer staff that commute via public transport the taxsaver scheme www.taxsaver.ie

Use the Government's Remote Working guidance and business checklist to develop a remote working policy for employees where applicable.

https://enterprise.gov.ie/en/What-We-Do/Workplace-and-Skills/Remote-Working/https://enterprise.gov.ie/en/Publications/Remote-Working-Checklist-for-Employers.html

Larger businesses, or groups of businesses (for example, in business parks) should consider creating a Smarter Travel Workplaces plan, with resources and guidance available from the National Transport Authority.

https://www.nationaltransport.ie/wp-content/uploads/2013/04/Workplace-Travel-Plans-A-Guide-for-Implementers.pdf



Training/ staff engagement

14. Provide information and training to staff that commute by car and drive for work

If: Metrics for petrol or diesel are provided

Ensure that everybody who drives as part of their work receives training in efficient driving practices.

When driving is necessary for your business, ensuring that all drivers employ practices to reduce emissions can help save on fuel and on your businesses carbon footprint.

Supports Available & Description

The **SEAI Energy Academy** is a free online training resource and offers a module on eco-driving to help you learn the basics of eco-driving techniques. https://www.seai.ie/energyacademy/

embed
Travel
Training/ staff engagement

15. Make a plan to move Internal combustion engine vehicles to low carbon vehicles.

a. Cars action If: Metrics for vehicle fuels are provided

Make a plan to move towards zero emissions vehicles for your business.

Switching to electric or hybrid vehicles can reduce the cost of fleet maintenance and fuel over the lifetime of the vehicles and will significantly reduce your business's carbon footprint.

Consider installing an electric vehicle charging point to encourage the switch.

Supports Available & Description

The **Climate Ready Academy Transport Leaders Programme** from Skillnet Ireland equips businesses and energy professionals with expertise on how to reduce their transport emissions, increase fuel performance, deliver cost savings and protect the environment

https://www.climatereadyacademy.ie/transport-leaders/

There are a range of grants, motor tax, capital allowances and benefit in kind incentives available for the purchase of electric vehicles. Find out more here:

https://www.seai.ie/business-and-public-sector/ev-for-business/grants-and-supports/

The **SEAI Energy Academy** is a free online training resource and offers modules on electric vehicles and electric vehicle chargers to help you learn the about electric vehicles. https://www.seai.ie/energyacademy/



b. HGV Action If: Metrics for vehicle fuels are provided AND Sector is Freight, Manufacturing, Food & Drink, Pharmacueticals, Engineering

Make a plan to reduce the environmental impacts of your transport operations and determine when and how to convert trucks, lorries or other heavy-duty vehicles to low carbon fuels.

To date, in Ireland, the transport sector is heavily dependent on imported oil. Reducing this reliance and switching to alternative fuels and technologies will be essential to decarbonise the sector. Major changes to our conventional fuel choices will be needed to achieve this goal. Calculating and reporting the greenhouse gas emissions of your transport operations will inform sustainable transportation decisions and supply chain optimization.

Supports Available & Description

The Alternatively Fuelled Heavy Duty Vehicle Purchase Grant Scheme delivered through Transport Infrastructure Ireland awards grants to assist companies and enterprises who wish to buy new alternatively fuelled heavy-duty vehicles supported by the Scheme (AFHDVs) as opposed to the diesel equivalent. Grant amounts are calculated as a percentage of the difference in price between an AFHDV and its diesel equivalent. Supported fuel-types include CNG, LNG and electric. https://www.tii.ie/roads-tolling/tolling-information/afhdv-scheme/

EI & IDA's GreenStart and GreenPlus grants can support client companies with training and advice to measurably reduce greenhouse gas emissions and air pollutants & improve fuel efficiency based on Global Logistics Emissions Council (GLEC) framework or similar. Scope may include all modes (road, rail, sea, air), sub-suppliers, city and reverse logistics, and their internal and external impacts

https://globalambition.ie/climate-enterprise-action-fund/ and

https://www.idaireland.com/getmedia/038d79cd-0bec-4008-a5a3-e8c266fa5afb/IDA Lean Green Business Offer V2.pdf.aspx/



16. Reduce the need for, and the number of business flights.

If: Metrics for flights are provided

Target a reduction in the number of airline flights taken by your business.

Reducing the number of business flights your company takes per year will enable you to save money and reduce your overall carbon footprint. You should therefore pledge to fly less and optimise the carbon impact of necessary flights.

Consider what meetings, conferences or sales visits could be done effectively via video conferencing or other technologies. Use flight booking comparison sites to assess the carbon footprint if the necessary trips and ensure you are optimising the routes taken to optimise the carbon emissions impact.



17. Segregate your waste

If: Metrics for all 3 Bins are NOT provided

Improve the segregation of waste used in your business, ensuring appropriate use of all bins and recycling facilities.

In calculating your carbon footprint, you did not provide a weight for each of your green, brown and black bins. If you already segregate on this basis these weights are available from your bin provider. If you do not segregate waste into these (and any other relevant categories) you need to make a plan to do so.

Your business should make it as easy as possible for staff to correctly segregate waste. By providing clear guidance, labelling and making sure you have accessible bins on your premises you are complying with legal obligations, lowering operating costs and helping to protect human health and the environment.

Supports Available & Description

Find more information on managing your waste responsibly, efficiently and in the way that suits you. Browse for your local waste services; bring banks, recycling facilities along with ways to help you prevent waste, reuse and upcycle.

www.mywaste.ie/business

The EPA 'Tree Tool' website can enable your business to carry out a quick overview of the level of resource efficiency in your company and identify opportunities for efficiencies or improvements.

Environmental Protection Agency Tree Tool for resource efficiency



18. Reduce the quantity of resources used and/or waste produced in your operations by adopting a basic Resource Efficiency Management System in your business.

II u	ser	selects	s ser	vices

If user selects "Products"

Measure and monitor key waste streams weights generated in your business – and set targets to reduce these weights and associated costs.

By monitoring and identifying how much of each different type of waste is being produced in your business on a weekly/monthly basis, you can establish a benchmark against which improvements are measured. This can be done by reviewing records from waste contractors and monitoring these regularly.

Ensuring you segregate your waste into refuse, recyclables and organic waste will save your business money. This should incentivise your business to reduce costs through better segregation and recycling, reuse and prevention.

First steps might include:

- Remove general waste bins from individual docks.
- Increase number of bins for recycling and composting
- Discontinue use of single use plastics throughout the organisation.

Create a resource efficiency plan to reduce the environmental impacts of the materials, goods and packaging you purchase, and the waste produced.

You have indicated that your business is material intensive, with products and goods representing a substantial component of your carbon footprint. It's essential that you measure and monitor key waste streams weights generated in your business — and set targets to reduce these weights and associated costs.

By monitoring and identifying how much of each different type of waste is being produced in your business on a weekly/monthly basis, you can establish a benchmark against which improvements are measured. This can be done by reviewing records from waste contractors and monitoring these regularly.

Ensuring you segregate your waste into refuse, recyclables and organic waste will save your business money. This should incentivise your business to reduce costs through better segregation and recycling, reuse and prevention.

- Request take-back of packaging by suppliers.
- Reduce printing and set printers to print double sided when printing is necessary.

Supports Available & Description

Use the **EPA 'Tree tool'** to measure resource efficiency – and assess opportunities to prevent and reduce waste

<u>Environmental Protection Agency Tree Tool for resource efficiency</u>

For more ideas on efficient resource management visit:

http://www.southernwasteregion.ie/sites/default/files/Final Quick%20Wins%20in%20Resource%20Efficiency Low%20Res Singles%20%281%29.pdf

Businesses who produce electrical, battery or lighting waste, or provide these in products to customers need to be aware of their regulatory obligations and opportunities for circularity.

https://www.weeeireland.ie/ and https://www.mywaste.ie/what-to-do-with-mywaste-electrical-and-electronic-equipment-weee/

Enterprise Ireland has a range of supports for client companies to reduce emissions and improve environmental performance. The Climate Action Voucher to carry out a resource efficiency assessment or to prepare a plan to identify and develop circular economy ideas for a more circular product, process or service. GreenStart/Plus to further develop internal capabilities.

https://globalambition.ie/climate-enterprise-action-fund/

First steps might include:

- Remove general waste bins from individual desks
- Increase number of bins for recycling and composting
- Discontinue use of single use plastics throughout the organisation
- Request take-back of packaging by suppliers.
- Reduce printing and set printers to print double sided when printing is necessary

Supports Available & Description

Use the **EPA 'Tree tool'** to measure resource efficiency – and assess opportunities to prevent and reduce waste

<u>Environmental Protection Agency Tree Tool for</u> <u>resource efficiency</u>

For more ideas on efficient resource management visit:

http://www.southernwasteregion.ie/sites/default/files/Final Quick%20Wins%20in%20Resource%20Efficiency Low%20Res Singles%20%281%29.pdf

Businesses who produce electrical, battery or lighting waste or provide these in products to customers need to be aware of their regulatory obligations and opportunities for circularity. Producers should register with the national register at

https://www.producerregister.ie/ and there are two approved compliance schemes for WEEE and Batteries

https://www.weeeireland.ie/ and https://erp-recycling.org/ie/

Use or adapt example Government developed Resource Efficiency Action Plan templates, where appropriate to your operations:

https://www.gov.ie/en/publication/f7677-resource-efficiency-action-plans/

The Climate Ready Academy 'Waste & Circular Economy Leaders' Programme equips businesses with expertise on how to reduce energy waste, optimise cost savings, and protect the environment. https://www.climatereadyacademy.ie/waste-and-circular-economy-leaders/

Join the EPA National Waste & Circularity Community of Practice for continued support in the transition to a circular economy. Register at EPA Waste & Circularity Community of Practice (COP) | 20FIFTY Partners



Enterprise Ireland has a range of supports for client companies to reduce emissions and improve environmental performance. The Climate Action Voucher to carry out a resource efficiency assessment or to prepare a plan to identify and develop circular economy ideas for a more circular product, process or service. GreenStart/Plus to further develop internal capabilities. https://globalambition.ie/climate-enterprise-action-fund/



Sector Specific – If: Sector Selected

Food & Drink, Retail

Other Manufacturing, Pharmacueticals,

Assess options available to reduce food waste and the packaging on products you provide, as well as making sure packaging is re-usable or recyclable.

Request take-back of packaging by suppliers/ offer take-back of packaging from those you supply.

Take measures to minimise packaging used in your business. Packaging waste generally represents a large percentage of most business's total waste, so it is important assess your packaging design, or to consult with suppliers to reduce the amount of packaging and to ensure all packaging is recyclable. Consider if it is possible for deliveries to be supplied in reusable crates or other forms of packaging that can be re-used or sent back to suppliers. The more packaging you can reduce or reuse, the greater the savings in waste management costs for you and your customers.

Supports Available & Description

Micro enterprises (<10 staff) can avail of free expert advice and mentorship through the **Green 4 Micro** scheme:

https://www.localenterprise.ie/Green/Green-for-Micro.html

Consult with your supplier to see if there is any way they can reduce the amount of packaging supplies are delivered in and to ensure all packaging is recyclable. Ask if it is possible for deliveries to be supplied in reusable crates or other forms of packaging that can be sent back to the supplier. See www.REPAK.ie.

Assess options available to reduce the packaging on the products you provide and to make sure packaging is re-usable or recyclable.

Request take-back of packaging by suppliers/ offer take-back of packaging from those you supply.

Take measures to minimise packaging used in your business. Packaging waste generally represents a large percentage of most business's total waste, so it is important assess your packaging design, or to consult with suppliers to reduce the amount of packaging and to ensure all packaging is recyclable. Consider if it is possible for deliveries to be supplied in reusable crates or other forms of packaging that can be re-used or sent back to suppliers. The more packaging you can reduce or reuse, the greater the savings in waste management costs for you and your customers.

Supports Available & Description

Micro enterprises (<10 staff) can avail of free expert advice and mentorship through the **Green 4 Micro** scheme:

https://www.localenterprise.ie/Green/Green-for-Micro.html

Enterprise Ireland has a range of supports for client companies to reduce emissions and improve environmental performance. The Climate Action Voucher to carry out a resource efficiency assessment or to prepare a plan to identify and develop circular economy ideas for a more circular product, process or service. GreenStart/Plus to further develop internal capabilities. — https://enterprise-

Join the EPA's food waste charter initiative for businesses. This resource provides guidance on how to reduce food waste. https://foodwastecharter.ie/

Enterprise Ireland has a range of supports for client companies to reduce emissions and improve environmental performance. The Climate Action Voucher to carry out a resource efficiency assessment or to prepare a plan to identify and develop circular economy ideas for a more circular product, process or service. GreenStart/Plus to further develop internal capabilities.

https://globalambition.ie/climate-enterprise-action-fund/

<u>ireland.com/en/Productivity/Build-a-green-sustainable-Business/</u>

El Green supports can assist client companies to understand what adopting Sustainable Packaging practices means for them and how to make it a reality in their company e.g. guidance on assessing and measuring sustainability in packaging (end of life and recycling options) or assisting with developing more sustainable innovative packaging solutions. https://enterprise-

ireland.com/en/Productivity/Build-a-greensustainable-Business/

www.REPAK.ie

Can be a helpful resource for advice on reducing packaging waste.

IDA Ireland provides a range of external advice and feasibility assessments to foreign-owned manufacturing companies operating in Ireland. The "Go Green" Offer is designed to encourage IDA clients to adopt green business principles in their organisation to increase competitiveness and achieve international environmental best practices. https://www.idaireland.com/IDAIreland/media/HowWeHelp/2018-07-19-Go-Green-Brochure-FINAL.pdf





19. Research your materials and value chain to understand what zero carbon means for your business. Assess whether you can make a strategic change to your product, service, operations, or business model to be more competitive in a zero-carbon economy.

Sector Specific Actions – If: Sector selected				
Other Manufacturing,	Construction	Food & Drink		
Pharmaceuticals				
Assess the embodied carbon in the full lifecycle of your projects. This requires gathering information on all the materials used in your manufacturing process, a full	Assess the embodied carbon in the full lifecycle of your projects. This requires gathering information on all the materials used in your construction, a full emissions life-cycle analysis of	Set targets as part of the Bord Bia Origin Green to track progress in decarbonising the materials you purchase and ingredient, raw materials, and agriculture supply chains.		
emissions LCA (life-cycle analysis) of materials and a life-cycle approach to	materials and project design. Construction sector materials can	Consider the use of packaging, optimise material use by		
product design.	have very significant levels of embodied carbon.	minimising package size relative to product and consider reduction and recyclability in your material		
Consider: What will need to		selection. Consider the EU's		
change in your value chain and	Consider: What will need to change	Packaging Directive.		
manufacturing process to be	in your supply chain or process to			

competitive in a zero-carbon economy?

Supports Available & Description

The Climate Ready Academy
Waste & Circular Economy
Leaders Programme from
Skillnet Ireland equips
businesses and energy
professionals with expertise on
how to improve their waste
management policies and move
to a sustainable model of
circularity.

https://www.climatereadyacade my.ie/waste-and-circulareconomy-leaders/

Enterprise Irelands supports can assist client companies to understand how to carry out a Life Cycle Assessment (LCA) to identify areas to focus on.

Enterprise Ireland's Green Offer assists client companies build the capabilities required to deliver sustainable products, services and business models. https://globalambition.ie/climate-enterprise-action-fund/

IDA Ireland provides a range of external advice and feasibility assessments to foreign-owned manufacturing companies operating in Ireland. The "Go Green" Offer is designed to encourage IDA clients to adopt green business principles in their organisation to increase competitiveness and achieve international environmental best practices.

https://www.idaireland.com/IDA Ireland/media/HowWeHelp/201 8-07-19-Go-Green-Brochure-FINAL.pdf be competitive in a zero-carbon economy?

Consider the use of timber (particularly home grown) as a building material where possible. This has a positive affect on the environment as it can displace higher energy embodied building products and at the same time sequester carbon.

Consider the materials you are using, the amount, recyclability and reparability.

Supports Available & Description

The Climate Ready Academy
Waste & Circular Economy
Leaders Programme from
Skillnet Ireland equips
businesses and energy
professionals with expertise on
how to improve their waste
management policies and move
to a sustainable model of
circularity.

https://www.climatereadyacade my.ie/waste-and-circulareconomy-leaders/

Consider joining the Irish Green Building Council to access assistance on training and certification on Life-cycle assessment, project design for sustainability and producing / using EPDs (Environmental Product Declaration).

https://www.igbc.ie/

Exporting businesses can use Enterprise Ireland's supports to develop capability and certification in sustainable construction products. El supports can assist client companies to understand how to carry out a Life Cycle Assessment (LCA) to identify areas to focus on and help client companies build the capabilities required to deliver sustainable products, services and business models.

Origin Green will facilitate you to gain access to specific guidance on pathways to new zero within the retail and food services sector.

Consider whether your value chain could provide biogas, agricultural by products or biomass that would assist you in decarbonising your energy use. For example, could your business use anaerobic digestion or a biomass boiler to meet your energy needs? The Support Scheme for Renewable Heat may be able to assist you.

Consider: What will need to change in your value chain or process to be competitive in a zero-carbon economy?

Supports Available & Description

The Climate Ready Academy Waste & Circular Economy Leaders
Programme from Skillnet Ireland equips businesses and energy professionals with expertise on how to improve their waste management policies and move to a sustainable model of circularity. https://www.climatereadyacademy.ie/waste-and-circular-economy-leaders/

Origin Green is Ireland's food and drink sustainability programme, operating on a national scale, uniting government, the private sector and the full value chain from farmers to food producers and right through to the foodservice and retail sectors. https://www.origingreen.ie/

The Support Scheme for Renewable Heat is a government funded initiative designed to increase the energy generated from renewable sources to meet heating needs. The scheme is open to commercial, industrial, agricultural, district heating, public sector and other non-domestic heat users.

https://www.seai.ie/business-and-public-sector/business-grants-and-

Strategic
Materials
High impact
Supports

https://enterpriseireland.com/en/Productivity/Builda-green-sustainable-Business/

Review the circularity of your operations and take steps to improve your resource efficiency. Review this webinar titled 'Circular Construction & Demolition, Ireland', highlighting the existing and potential opportunities for Circular Economy within the Irish construction and demolition sector. https://www.youtube.com/watch?v=dEiD1pxStQc

Enterprise Ireland has developed a report on the race to Net Zero in the UK construction market. The report includes practical steps for companies to help decarbonising the Construction Supply Chain. https://globalambition.ie/markets-opportunities/uk/

strategic
Materials
High impact
Supports

supports/support-schemerenewable-heat/

Exporting businesses can use Enterprise Ireland's supports to understand how to carry out a carbon footprint or an environmental footprint (LCA) to identify areas to focus on. https://enterprise-ireland.com/en/Productivity/Build-a-green-sustainable-Business/

Enterprise Ireland's Green Offer also assists client companies build the capabilities required to deliver sustainable products, services and business models. https://enterprise-ireland.com/en/Productivity/Build-a-green-sustainable-Business/

strategic Materials High impact Supports

20. Reduce the carbon footprint of your supply chain by engaging with suppliers and/or logistics providers, introducing a sustainability / carbon / biodiversity assessment in purchasing decisions and/or choosing local supplier options — Assess which aspects of your procurement are likely to have the biggest environmental footprint and focus on these first.

Size

11 - 249

Do an assessment of sustainability
performance, including embodied
carbon, when purchasing the
goods and services required by
your business.

10 or fewer

The carbon footprint provided by this Toolkit assesses only the direct emissions, transport or energy sector emissions related to your immediate activities – but the 'embodied carbon' (emissions arising from the production, manufacturing, and transport) of the materials and goods consumed could be upward of

Build an assessment of sustainability requirements, including embodied carbon, into your procurement practices.

The carbon footprint provided by this Toolkit assesses only the direct emissions, transport or energy sector emissions related to your immediate activities – but the 'embodied carbon' (emissions arising from the production, manufacturing, and transport) of the materials and goods consumed could be upward of 45% of your business's total emissions impact.

250 or more

Require sustainability
performance criteria, including
the disclosure of embodied
carbon, into all procurement.

The carbon footprint provided by
this Toolkit assesses only the

this Toolkit assesses only the direct emissions, transport or energy sector emissions related to your immediate activities – but the 'embodied carbon' (emissions arising from the production, manufacturing, and transport) of the materials and goods consumed could be upward of 45% of your business's total emissions impact.

45% of your business's total emissions impact.

Do a strategic review of the goods and materials your business uses.

Reduce the carbon footprint of your supply chain by engaging with suppliers and/or logistics providers by introducing sustainability in purchasing decisions. Start by choosing local supplier options where possible.

When purchasing goods, services, works and utilities your business should ask suppliers to provide information regarding the origin, durability, reparability and recyclability of materials.

By incorporating an ethical supply chain in your business model and achieving green certification you will be able to promote a responsible sourcing process and ethical behaviours in your company, thereby contributing to the challenge of combatting climate change.

Supports Available & Description

The Climate Ready Academy
Waste & Circular Economy
Leaders Programme from Skillnet
Ireland equips businesses and
energy professionals with
expertise on how to improve their
waste management policies and
move to a sustainable model of
circularity.

https://www.climatereadyacadem y.ie/waste-and-circular-economyleaders/

Undertake the Climate Ready Academy Biodiversity Programme https://www.climatereadyaca demy.ie/biodiversityessentials/

Consider buying second hand or sharing or leasing. See www.crni.ie for more information on community resource networks.

Do a strategic review of the goods and materials your business uses.

Reduce the carbon footprint of your supply chain by engaging with suppliers and/or logistics providers, by introducing sustainability, carbon measurement and a biodiversity assessment in purchasing decisions. Start by choosing local supplier options where possible.

When purchasing goods, services, works and utilities your business should ask suppliers to provide information regarding the origin, durability, reparability and recyclability of materials.

By incorporating an ethical supply chain in your business model and achieving green certification you will be able to promote a responsible sourcing process and ethical behaviours in your company, thereby contributing to the challenge of combatting climate change.

Supports Available & Description

The Climate Ready Academy
Waste & Circular Economy
Leaders Programme from Skillnet
Ireland equips businesses and
energy professionals with
expertise on how to improve their
waste management policies and
move to a sustainable model of
circularity.

https://www.climatereadyacadem y.ie/waste-and-circular-economyleaders/

Undertake the Climate Ready
Academy Biodiversity Programme
https://www.climatereadyaca
demy.ie/biodiversity-essentials/

EPA guidance to public buyers is available online and this is largely transferable to private buyers.

Do a strategic review of the goods and materials your business uses.

Reduce the carbon footprint of your supply chain by engaging with suppliers and/or logistics providers, by introducing sustainability, carbon measurement and a biodiversity assessment in purchasing decisions. Start by choosing local supplier options where possible.

When purchasing goods, services, works and utilities your business should ask suppliers to provide information regarding the origin, durability, reparability and recyclability of materials.

By incorporating an ethical supply chain in your business model and achieving green certification you will be able to promote a responsible sourcing process and ethical behaviours in your company, thereby contributing to the challenge of combatting climate change.

Supports Available & Description

The Climate Ready Academy
Waste & Circular Economy
Leaders Programme from Skillnet
Ireland equips businesses and
energy professionals with
expertise on how to improve their
waste management policies and
move to a sustainable model of
circularity.

https://www.climatereadyacadem y.ie/waste-and-circular-economyleaders/

Undertake the Climate Ready Academy Biodiversity Programme https://www.climatereadyaca demy.ie/biodiversity-essentials/

EPA guidance to public buyers is available online and this is largely transferable to private buyers. https://www.epa.ie/pubs/reports/ <u>gree</u>n

business/GreenPublicProcuremen tfinalwebv2.pdf

Consider buying second hand or sharing or leasing. See www.crni.ie for more information on community resource networks.

CIRCULÉIRE is the National Platform for Circular Manufacturing, is the first crosssectoral industry-led innovation network dedicated to accelerating the net-zero carbon circular economy in Ireland. CIRCULÉIRE mission is to demystify, derisk, and deliver circular business model innovation.

https://circuleire.ie/

https://www.epa.ie/pubs/reports/ green

business/GreenPublicProcuremen tfinalwebv2.pdf

Consider buying second hand or sharing or leasing. See www.crni.ie for more information on community resource networks.

CIRCULÉIRE is the National Platform for Circular Manufacturing, is the first crosssectoral industry-led innovation network dedicated to accelerating the net-zero carbon circular economy in Ireland. CIRCULÉIRE mission is to demystify, derisk, and deliver circular business model innovation.

https://circuleire.ie/



embed Materials High impact embed Materials High impact

Sector Specific Actions – If: Sector selected Other Manufacturing, Construction Food & Drink pharmaceuticals

Require all suppliers to disclose the carbon footprint of their product to an appropriate accreditation or ISO standard. Compare carbon impacts as part of procurement decisions.

You can use this information to demonstrate further embodied carbon savings to your customers.

Supports Available & Description

Enterprise Ireland's Green Offer can be used to gain training/advice in Green Procurement, i.e. integrating sustainability into the procurement process, and with training on understanding the systemic changes required in buyer and supplier

Require Environmental Product Disclosures (EPDs) for materials from prospective suppliers in your procurement practices and prioritise low carbon products.

You should use EPDs and other product standard information to demonstrate embodied carbon savings to your customers.

Supports Available & Description

Enterprise Ireland's Green Offer can also be used to gain training/advice in Green Procurement, i.e. integrating sustainability into the procurement process, and to undertake a Product Environmental footprint based on the Life Cycle Methodology, enabling the company to monitor

Require all suppliers of food and agricultural products to be members of the Origin Green programme,

You should ask food, drink or agriproduct suppliers to disclose ambitious sustainability targets for their products under the Origin Green programme. Use this information to demonstrate further sustainability to your customers.

https://www.origingreen.ie/

Enterprise Irelands Green supports can assist clients to gain training/advice in Green Procurement, integrating sustainability into the procurement process.

https://globalambition.ie/climateenterprise-action-fund/

relationships and contracts necessary to accelerate the circular economy

transition. https://globalambition.
ie/climate-enterprise-action-fund/

IDA Ireland provides client companies with a GreenPlus programme can assist businesses in implementing green procurement practices appropriate to their business. https://www.idaireland.com/ID Alreland/media/HowWeHelp/2 018-07-19-Go-Green-Brochure-FINAL.pdf

and report improvements in their environmental performance to the

market.https://globalambition.ie/climate-enterprise-action-fund/







21. Assess how the sustainability or circularity of your product/service can add value for your customers. Assess opportunities for differentiation, innovation or new products/services that help your customer reduce their own carbon, waste or other environmental impacts.

 Size

 10 or fewer
 11 - 249
 250 or more

Explore how the sustainability or circularity of your product/service can add value for your customers

New products, services and new business models will emerge as national and global supply chains decarbonise, and customers become increasingly carbon conscious. This presents opportunities for differentiation, innovation or new products/services that helps your customer reduce their own carbon footprint, waste or other environmental impacts.

Consider applying for an El Innovation Voucher to assist you with this analysis. Innovation Vouchers worth €5,000 are available to assist your company to explore a business opportunity or problem with a registered knowledge provider.

Investigate whether your product or service could be re-designed to be more sustainable and attract more customers.

New products, services and new business models will emerge as national and global supply chains decarbonise, and customers become increasingly carbon conscious. This presents opportunities for differentiation, innovation or new products/services that helps your customer reduce their own carbon footprint, waste or other environmental impacts.

Consider applying for an EI Innovation Voucher to assist you with this analysis. Innovation Vouchers worth €5,000 are available to assist your company to explore a business opportunity or problem with a registered knowledge provider.

Investigate whether your product or service could be re-designed to be more sustainable and attract more customers.

New products, services and new business models will emerge as national and global supply chains decarbonise, and customers become increasingly carbon conscious. This presents opportunities for differentiation, innovation or new products/services that helps your customer reduce their own carbon footprint, waste or other environmental impacts.

Supports Available & Description

Enterprise Ireland's Green Offer can be used to assist with developing a resource efficient innovation project for a more circular product, process or service for your business.

Supports Available & Description

The MODOS programme offers training and insight to businesses on leveraging the opportunities of circular economy principles.

https://www.localenterprise.ie/DublinCity/Training-Events/Management-Development/Modos-Circular-Economo.html

The Innovation Vouchers initiative is open to all small and medium-sized limited companies registered in Ireland and applications are not restricted to clients of Enterprise Ireland.

https://www.enterpriseireland.com/en/researchinnovation/companies/collaborate -with-companies-researchinstitutes/innovationvoucher.shortcut.html

strategic
Materials
Training/ staff engagement
Supports

Supports Available & Description

The Innovation Vouchers initiative is open to all small and medium-sized limited companies registered in Ireland and applications are not restricted to clients of Enterprise Ireland.

https://www.enterpriseireland.com/en/researchinnovation/companies/collaborate -with-companies-researchinstitutes/innovationvoucher.shortcut.html

Strategic
Materials
Supports

Staff can be trained in the adoption of circular economy principles – for example, designing for a circular economy, the transition to circular business models and how to communicate the business value.

https://globalambition.ie/climate-

https://globalambition.ie/climateenterprise-action-fund/



Sector Specific Actions – If: Sector selected Other Manufacturing, pharmacueticals Identify how circular economy principles apply to your product category. The Circular Economy offers a more sustainable approach to resource use and product lifecycles. Sector Specific Actions – If: Sector selected Food & Drink Identify how circular economy principles apply to your product category. The Circular Economy offers a more sustainable approach to resource use and product lifecycles.

Could your product be more sustainably provided as a service or circular offering?

Could you re-use packaging or aspects of the product and use resource longevity to your advantage and the advantage of your customers?

Supports Available & Description

The MODOS programme offers training and insight to businesses on leveraging the opportunities of circular economy principles and is open to SME & Micro companies.

https://www.localenterprise.ie/DublinCity/Training-Events/Management-Development/Modos-Circular-Economo.html

CIRCULÉIRE will take manufacturers and their supplychains on a journey from linear to circular business models through baselining, auditing, business case development and deep demonstration innovation projects delivering significant reductions in greenhouse gas emissions and in waste production across the network.

Manufacturing: www.circuleire.ie

Enterprise Ireland's Green Offer can support companies to develop plans and undertake staff training in the adoption of circular economy principles – for example, designing for a circular economy, the transition to circular business models and how to communicate the business value. https://globalambition.ie/climate-enterprise-action-fund/

strategic
Materials
Training/ staff engagement
Supports

Could your product be more sustainably provided or produced by better integration with your suppliers or customers to ensure food or agri- wastes are reused or re-purposed?

Could you re-use packaging or aspects of the product and use resource longevity to your advantage and the advantage of your customers?

Supports Available & Description

The MODOS programme offers training and insight to businesses on leveraging the opportunities of circular economy principles and is open to SME & Micro companies.

https://www.localenterprise.ie/DublinCity/Training-Events/Management-Development/Modos-Circular-Economo.html

CIRCULÉIRE will take manufacturers and their supply-chains on a journey from linear to circular business models through baselining, auditing, business case development and deep demonstration innovation projects delivering significant reductions in greenhouse gas emissions and in waste production across the network.

Manufacturing: www.circuleire.ie

Enterprise Irelands Green Offer can support companies to develop plans and undertake staff training in the adoption of circular economy principles – for example, designing for a circular economy, the transition to circular business models and how to communicate the business value. https://globalambition.ie/climate-enterprise-action-fund/

strategic
Materials
Training/ staff engagement
Supports

22. Identify the appropriate sustainability accreditation or reporting standard for your business, get third party verification, and communicate your progress to your customers.

 if NOT Manufacturing/Food & Drink: and Size 				
10 or fewer	11 - 249	250 or more		
Share your net zero journey with customers and suppliers. Consider is there an external certification, accreditation or sustainability badge that is robust and adds value for you customers.	Share your net zero journey with customers and suppliers. Consider is there an external certification, accreditation or sustainability badge that is robust and adds value for you customers.	Share your science-based targets and net zero journey with customers and suppliers. Seek an external accreditation that is robust and adds value for you customers.		
Customers are becoming	Join an environmental	This should at a minimum adhere		
increasingly conscious of the	certification scheme or disclosure	to standardised environmental		

climate and environmental issues which need to be addressed. This growth in awareness is leading to a rise of many trends in the market such as the promotion of sustainability practices. Implementing an eco-friendly system in your business will help you to attract and retain customers.

Supports Available & Description

Free expert advice and mentorship through the **Green 4 Micro** scheme can assist you identify an appropriate accreditation.

https://www.localenterprise.ie/Green/Green-for-Micro.html

project relevant to your business and useful to your customers, such as BITCI, the Carbon Disclosure Project or similar.

Align to standards such as ISO 14005 or ISO 14001 or frameworks such as the UN Sustainable Development Goals, or to disclosure platforms such as the Carbon Disclosure Project.

Supports Available & Description

Multiple providers offer fully independent environmental support and helps you improve environmental performance, reduce costs and can enhance your standing as an environmentally responsible business.

Enterprise Ireland's Green programme can provide training to businesses to a level where they can then go for third party accreditation appropriate to their business.

https://enterpriseireland.com/en/Productivity/Build -a-green-sustainable-Business/

Supports don't cover certification only training & advice to a level where a company can then go for certification.

Strategic Supports performance e.g. ISO 14001 (Environmental Management Systems), ISO 50001 (Energy Management), and ISO 14064 (Carbon Management).

Align to frameworks such as the UN Sustainable Development Goals or the Science Based Targets Initiative, and consider joining voluntary disclosure networks or initiatives such as the Carbon Disclosure Project or to the Business in the Community Ireland low carbon pledge, or others as relevant to your business.

Supports Available & Description

Enterprise Ireland's Green Offer can provide training to businesses to a level where they can then go for third party accreditation appropriate to their business.

https://enterpriseireland. com/en/Productivity/Build -a-green-sustainable-Business/

Strategic

Strategic Supports

Sector Specific Actions – If: Sector selected

Other Manufacturing, pharmaceuticals, Engineering

Achieve a third party accredited environmental product certification. This might include Eco-labels, Product Environmental Footprints (PEF), Environmental Product Declarations (EPD) or similar initiatives. Research and select an accreditation that

Transparency on the green credentials of your products will increase access to customers who are

is robust, relevant and recognisable to your

Engage with Bord Bia to develop your Origin Green plan and communicate it with your customers.

Food & Drink

Educate your customers as to the sustainability of your product and supply chain, be candid about the challenges that you are yet to fully solve and ensure that you are positioning your product to meet customer's evolving preferences. For example, ensure you will be compliant with any necessary Environmental, Social & Governance (ESG) reporting to access key customers procurement processes.

customers.

increasingly demanding more environmentally friendly products'

Supports Available & Description

Enterprise Ireland's Green programme can assist businesses in reaching a third-party accreditation appropriate to their business - can also provide training/advice on internal and external sustainability communications, messaging & reporting. https://enterprise-ireland.com/en/Productivity/Build-

a-green-sustainable-Business/

IDA Ireland provides client companies with a GreenPlus programme can assist businesses in reaching a third party accreditation appropriate to their business.

https://www.idaireland.com/IDAIreland/media/How WeHelp/2018-07-19-Go-Green-Brochure-FINAL.pdf



Consider setting a 'science-based' target under your Origin Green plan.

Supports Available & Description

Origin Green is Ireland's food and drink sustainability programme, operating on a national scale, uniting government, the private sector and the full supply chain from farmers to food producers and right through to the foodservice and retail sectors. https://www.origingreen.ie/

Enterprise Ireland's Green Offer can assist businesses in reaching a third party accreditation appropriate to their business. The supports can also provide training/advice on internal and external sustainability communications, messaging & reporting.

https://globalambition.ie/climate-enterprise-actionfund/

