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NET ZERO
Driving Net Zero Transformation of the Mid South West Region

Carbon Reduction **Workbook**

MSW Mid South West Economic Engine

UKRI Innovate UK

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Driving Net Zero Transformation of the Mid South West Region

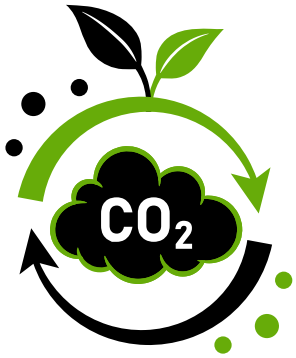
Steps Required to reach Net Zero

What is Net Zero?

Understanding the Basics of Net-Zero: This webinar provides an introduction to the concept of net-zero, explaining what it means, why it's important for businesses, and the global context driving the transition.

Carbon Audit

Assessing Current Carbon Footprint: This session focuses on practical steps for businesses to assess their current carbon footprint. It covers methodologies, tools, and resources to measure and analyse emissions across various business operations and includes a practical focus on utilising their utility bills in their worksheets.



Setting Targets

Setting Net-Zero Goals and Targets: Here, you will learn about setting meaningful and achievable net-zero goals for your businesses based on the last session. The covers realistic strategies for goal setting, timeline considerations, and alignment with broader organisational/regional objectives.

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Engagement

This session explores the importance of stakeholder engagement and collaboration in the net-zero transition. It covers strategies for building partnerships with suppliers, customers, and other stakeholders to amplify impact.

Technologies and Renewable Energy

Implementing Sustainable Practices and Technologies: This webinar delves into actionable strategies for reducing emissions and transitioning towards net-zero. It includes case studies, best practices, and insights into sustainable technologies and practices applicable to different industries.

Continuous Monitoring

Monitoring, Reporting, and Continuous Improvement: This webinar focuses on the importance of ongoing monitoring, reporting, and continuous improvement in achieving and maintaining net-zero status. It discusses tools and frameworks for tracking progress, communicating achievements, and adapting strategies over time

Compliance

In the global pursuit of mitigating climate change and achieving net zero carbon emissions, compliance with environmental regulations emerges as a cornerstone for businesses and industries.

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Webinar 1: What is Net Zero?

1. **Out of the reasons to complete a carbon reduction plan, number these in order of most importance with 1 being the most important?**

Reasons and benefits	Level of importance to your organisation
Environmental and social impact	
Supply chain Resilience	
Compliance and regulatory risk management	
Energy and cost savings	
Future proofing the business	
Brand positioning	
Client retention	
Employee retention	

What is Net Zero?

2.What is your organisations goal in relation to Net Zero?

Try use the **SMART** technique when writing this.

Specific

Measurable

Achievable

Relevant

Timebound

3.What sources of carbon emissions are applicable to your organisation?

	Emission Source	Data Source/Activity Data
Scope 1	Natural Gas	Usage report, m3
	Diesel/Petrol/Biofuel	Monthly spend, Volume used (litres)
Scope 2	Electricity Purchased	Monthly Bill, kWh
Scope 3	Business Travel	Finances, km traveled per year
	Waste	Waste report, tonnes of waste produced
	Water	Water bill, m3
	Staff Commute	Staff travel survey, km & mode
	Working from home	Numbers days at home
	Purchased goods and services	Supplier calculator, spend data

	Application	Fuel	Applicable to your organisation Yes/No
Scope 1	Heating	Natural Gas	
		LPG/LNG	
		Kerosene	
		Coal	
		Biofuel	
	Machinery and manufacturing Processes	White Diesel	
		LPG	
	Refrigerants	Leakage/Fugitive	
	Transport (Company owned)	Diesel	
		Petrol	
		Red Diesel	
		Electric	
Scope 2	Electric System	Electricity	
		Electricity onsite generation	
	Heat/Steam	Heat/Steam	

4. What are the current barriers you face to achieving Net Zero?

Some examples include lack of data, time and resources, funding and grant support, knowledge etc.

1.
2.
3.
4.
5.

What is Net Zero?

5. To complete the following table in the next webinar

a. Where would you find the following information?

b. Who would have this available to provide to you?

Action: Ahead of the next meeting gather an example of a bill or invoice for relevant emissions noted in table 1.

	Application	Fuel	kWh	Litres	Miles
Scope 1	Heating	Natural Gas			
		LPG/LNG			
		Kerosene			
		Coal			
		Biofuel			
	Machinery and manufacturing Processes	White Diesel			
		LPG			
	Refrigerants	Leakage/Fugitive			
	Transport (Company owned)	Diesel			
		Petrol			
		Red Diesel			
		Electric			
Scope 2	Electric System	Electricity			
		Electricity onsite generation			
	Heat/Steam	Heat/Steam			

Webinar 2:
Carbon Audit

Reading an Electric Bill

1. Identify the Billing Period and Total Amount Due:

- Look for the dates that the bill covers. This is usually near the top of the bill.
- The total amount you owe will be prominently displayed, often in a large or bold font.

2. Understand the Usage:

- Find the section that shows your electricity usage. It's typically measured in kilowatt-hours (kWh).
- Look for a graph or table showing your usage over the billing period, which may also compare to previous periods.

3. Review the Charges:

- Basic Service Charge: A fixed fee just for being connected to the grid.
- Energy Charge: Based on the amount of electricity used (kWh).
- Additional Fees and Taxes: Includes local taxes, environmental fees, and other surcharges.

4. Look for Meter Readings:

- Your bill will show the previous and current meter readings, and the difference is your usage for the billing period.

5. Understand Rates and Tariffs:

- The bill will detail how much you are charged per kWh. Rates can vary based on the time of day or tiered pricing.

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Carbon Audit

Reading a Gas Bill

1. Identify the Billing Period and Total Amount Due:

- Find the dates that the bill covers. This is usually near the top of the bill.
- The total amount you owe will be prominently displayed, often in a large or bold font.

2. Understand the Usage:

- Find the section that shows your gas usage. It's typically measured in therms or cubic feet.
- Look for a graph or table showing your usage over the billing period, which may also compare to previous periods.

3. Review the Charges:

- Basic Service Charge: A fixed fee just for being connected to the gas supply.
- Gas Supply Charge: Based on the amount of gas used (therms or cubic feet).
- Delivery Charge: The cost of delivering the gas to your home.
- Additional Fees and Taxes: Includes local taxes, infrastructure fees, and other surcharges.

4. Look for Meter Readings:

- Your bill will show the previous and current meter readings, and the difference is your usage for the billing period.

5. Understand Rates and Tariffs:

- The bill will detail how much you are charged per therm or cubic foot. Rates can vary based on usage tiers or seasonal pricing.

Gas Supply Invoice

Customer:
Site Name:
Address:

SMP
A/C

VAT No.
Invoice

Billing Period
Bill From: Bill 01/04/2023-05:00
To: 01/05/2023-05:00
Date of Issue: 05/05/2023

Contracted	Consumption	236,346 kwh
Nominated	Consumption	371,038 kwh
Allocated	Consumption	327,475 kwh
Capacity		25,516 kwh

Summary	Quantity	Rate		£
Commodity Charges				
UK Transportation Exit	327,475 kwh	0.034	pence/kwh	112.32
Commodity Charge	327,475 kwh	3	pence/kwh	71.06
Distribution	327,475 kwh	0.0217	pence/kwh	2,393.84
		0.731		
Total				2,577.22
Capacity Charges				
UK Transportation	25,516 kwh	0.0218	pence/day/kwh	166.87
Transmission Exit Capacity	327,475 kwh	0.3553	pence/kwh	1,163.52
NI Distribution	25,516 kwh	0.303	pence/day/kwh	2,319.40
Entry Capacity	25,516 kwh	43.436	pence/year/kwh	910.94
Total				4,560.73
Gas Charges				
Day Ahead Imbalance	371,038 kwh	3.477	pence/kwh	12,901.06
Total Miscellaneous				1,223.41CR
Charges				11,677.65
Climate Change Levy Code	327,475 kwh	0.672	pence/kwh	2,200.63
Charges & Service Fee				547.70
Total				2,748.33

Total Charges as on Bill (excl VAT)		21,563.93
VAT @	20%	4,312.79
Arrears		34,505.6

Your Gas Energy Consumption in kWh in the last 12 months or since you joined Electric Ireland is: 3,424,659 0

Amount Due	60,382.32 14
Due Date	June 2023

Electronic Payments — Sort Code:

Danske Bank Ltd, 75 William Street, London, EC4N 7DT

Cheque Payments To: Electric Ireland, 1st Floor, 1 Cromac Quay, Belfast BT7 2JD, Northern Ireland

CRM David Fusco 24 hour Emergency Phone number for — CRM Phone Ph: +44 345 600 5335 Phoenix Natural Gas 0800 002 001

Electricity Supply Invoice

power ni
part of energia group

Bill date: 2 October 2023
Invoice Number: 31016048

Account number:
Account Manager: ian.fraser@powerni.co.uk
Tariff: Various

MPRN: Various

Supply address: Various

Hello, here's your
Electricity Bill

If any sites are on a Personal Contract it will be shown in the breakdown overleaf.

If you are having difficulty paying your bill, please contact us immediately for help & guidance.

Balance before this bill
£0.00 (inc VAT)

This bill
£11,922.79 (inc VAT)

Account Balance
£11,922.79 (inc VAT)

You don't need to do anything
We'll collect £11,922.79 by Direct Debit on 16th Oct 23

Before this bill

Date	Item	Total
01 Sep '23	Balance at last bill	£12,063.58
15 Sep '23	You Paid	£12,063.58 CR
	Balance before this bill	£0.00

Usage

All of your premises use a smart meter, which send us details about your electricity usage every 30 minutes. See the 'usage and charges' section for a breakdown of your usage, or take a closer look at powerni.co.uk/energy-online

This bill

Item	Charge
Unit Charges	£25,005.98
Standing Charge	£14.60
Energy Price Adjustment	£14,042.35 CR
Availability Charge (kVA)	£376.82
Subtotal	£11,355.05
VAT at 5%	£567.74
Total new charges	£11,922.79

Your usage and charges

Total new charges £11,922.79

Supply Address	MPRN	Bill Date	Charges +	VAT =	Total
Site 1		02 Oct '23	£3,860.96	£193.04	£4,054.00
Site 2		02 Oct '23	£7,494.09	£374.70	£7,868.79

Site 1

You've been billed 233,144 kWh on this tariff in the last 12 months (or since the date you joined us if it's been less than 12 months)

Period: 01 September 2023 - 30 September 2023

Tariff: Multirate T101

MPRN :

Meter: 15P3076

Contract End: N/A

This bill	Units ×	Rate =	Charge
Standing Charge	54	258.10p	£7.30
Availability Charge (kVA)	8,014	49.49p	£139.37
Summer Day Units Night	6,260	39.13p	£3,966.13
Units Eve and Weekend	4,092	50.80p	£2,449.54
Units Energy Price Adjustment	18,366	-26.027p	£2,078.74
UK Govt Energy Bill Discount Scheme	18,366	0.00p	£4,780.12 CR
Subtotal			£0.00
VAT on 3,860.96 at 5%			£3,860.96
Total new charges			£193.04
			£4,054.00

Site 2

You've been billed 412,719 kWh on this tariff in the last 12 months (or since the date you joined us if it's been less than 12 months)

Period: 01 September 2023 - 30 September 2023

Tariff: Multirate T101

MPRN :

Meter: 15P2720

Contract End: N/A

This bill	Units ×	Rate =	Charge
Standing Charge	92	258.10p	£7.30
Availability Charge (kVA)	16,121	49.49p	£237.45
Summer Day Units Night	11,619	39.13p	£7,978.28
Units Eve and Weekend	7,848	50.80p	£4,546.51
Units Energy Price Adjustment	35,587	-26.027p	£3,986.78
UK Govt Energy Bill Discount Scheme	35,587	0.00p	£9,262.23 CR
Subtotal			£0.00
VAT on 7,494.09 at 5%			£7,494.09
Total new charges			£374.70
			£7,868.79

Carbon Audit

1. Converting kWh readings such as natural gas and electricity bill readings to carbon TCO2e

	Application	Fuel	kWh	CF	TCO2e
Scope 1	Heating	Natural Gas		0.1843	
		LPG/LNG			
		Kerosene			
		Coal			
		Biofuel			
	Machinery and manufacturing Processes	White Diesel			
		LPG			
	Refrigerants	Leakage/Fugitive			
	Transport (Company owned)	Diesel			
		Petrol			
		Red Diesel			
		Electric			
Scope 2	Electric System	Electricity		0.2071	
		Electricity onsite generation			
	Heat/Steam	Heat/Steam			
	Total Scope 1 and 2				

Carbon Audit

Exercise 2.

Converting bill readings shown in litres to carbon TCO2e

Example of carbon calculation Kerosene litres

Step 1. Convert Litres to kWh

Source	litres	Fuel Property conversion (FP)	kWh
Kerosene	200	10.30	

Litres x FP =kWh

Step 2: Convert kWh to TCO2e

Source	kWh	Conversion factor (CF)	KGCO2e	TCO2e
Kerosene		0.2468		

kWh x CF = KGCO2e

KGCO2e/1000= TCO2e

Carbon Audit

Links and available content

SBTi Guidance and calculation tools
https://sciencebasedtargets.org/resources/#:~:text=Use%20the%20SBTi%20target%20setting,C%20SDA%20pathways%20become%20available.

DENZC conversion Factors
https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

Carbonfit Carbon Calculator
https://carbonfit.online/free-carbon-calculator#loaded

Climate Change Bill NI 2021
http://www.niassembly.gov.uk/globalassets/documents/raise/publications/2017-2022/2021/aera/3521.pdf

Energy Strategy Northern Ireland December 2021
https://www.economy-ni.gov.uk/sites/default/files/publications/economy/energy-strategy-path-to-net-zero-action-plan.pdf

GHG Protocol and Standards
https://ghgprotocol.org/
https://ghgprotocol.org/corporate-standard

Science Based Targets
https://sciencebasedtargets.org/

UN Global Targets
https://www.unglobalcompact.org/participation

PAS 2050
https://ghgprotocol.org/sites/default/files/standards_supporting/GHG%2520Protocol%2520PAS%25202050%2520Factsheet.pdf

ISO
https://www.iso.org/iso-14001-environmental-management.html
https://www.iso.org/iso-50001-energy-management.html

IPCC
https://www.ipcc.ch/

Webinar 3:
Setting Targets

1. **Commit: to Net Zero and set a target year**

_____

2. Note some initial targets you think your company could achieve:

Near Term:

Scope 1

_____

Scope 2

_____

Net Zero :

Scope 1,2 and Scope 3

_____

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Setting Targets

3. Using SBTI tool understand what your trajectory may look like based on the years chosen

SBTi Tool

4. We will revisit this exercise at the end of the workshop when decarbonisation elements have been completed

Key Takeaway

1 action prior to next webinar: Think about who will need to engage on this net zero journey and make a list. Examples include staff, employees, suppliers, investors?

Links and available content

SBTi Guidance and calculation tools
https://sciencebasedtargets.org/resources/#:~:text=Use%20the%20SBTi%20target%20setting,C%20SDA%20pathways%20become%20available.

DENZC conversion Factors
https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

Webinar 4: Engagement

1. **Identify and understand the roles of key stakeholders (employees, suppliers, customers) in sustainability.**

1. Identify Stakeholder	2. Needs/concerns/expectations	3. Communication Plan email/meetings/phonecalls

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2. Step 4: Example 1:
Develop a sustainability education plan for employees

- Set goals for employee learning and engagement.
- Identify key sustainability topics to be covered.
- Develop a schedule for training sessions and workshops.
- Identify resources and materials needed for training.

Resources and materials MSW website link	Quarter 1	Quarter 2	Quarter 3	Quarter 4
MSW website link webinar 1	MSW Webinar 1			
MSW website link webinar 2		MSW Webinar 2		
MSW website link webinar 3			MSW Webinar 3	
MSW website link webinar 4				MSW Webinar 4

3. Step 4 example 2: Create educational materials

Test your employees and colleagues knowledge on sustainability using this quiz or to measure employee knowledge and engage them on this process:

Carbon Literacy Quiz Example

4. Step 4 example 3:
Engage employees in sustainability initiatives

Who would be the ideal members of a carbon reduction green team within your organisation at present?

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

5. Step 4 example 4:
Communicate progress and successes

Give 3 examples of recent success stories and examples of employee engagement in sustainability efforts that you could share with the staff today?

1.

2.

3.

6. Step 5 : Review

Category	Questions	Tick as appropriate	Additional Notes
Identify	Were all relevant stakeholders identified?		
Analyse	Were all needs of the stakeholders identified accurately?		
	Were all expectations of the stakeholders identified accurately?		
	Were all concerns of the stakeholders identified accurately?		
Plan	Did the communication methods chosen for each stakeholder effective?		
	Were communications and goals clear for each stakeholder?		
	Could communications improve on next engagement activities?		
Act	Were the communications organised effectively?		
	Was there a visible schedule available to "see" milestones and critical project work?		
Review	Was communication with stakeholders effective?		
	Was the project resourced properly?		
	Was there active senior management support?		
	Do you align with consumer?		
	Do you align with clients needs?		
	Do you align with your employee expectations?		
	Did engagement and communications types chosen work well?		
	Were all relevant stakeholders identified ?		

Webinar 5:
Technologies and Renewable Energy

1. Renewable Energy Roadmap Worksheet

Technology	Near/long term project	Grant available	Funding Available	Deadline for application	Responsible person	Return on Investment
Solar PV - 50kWp	Near Term	Yes 20% via NISEP or Invest NI Energy Efficiency grant 30%-50% up to 150k	Danske Bank - Green Loan	Open until 2029 or until funding is used. Internal deadline 18.12.24	John Smith	7 years

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Technologies and Renewable Energy

2. Simple Payback on Investment Calculator

Project Type	Inital Cost (a)	Annual Projected Savings (b)	Annual Maintenance Costs (c)	Payback period (d)
Solar PV - 50kWp	£42,000	£7,000		6 years

Initial Cost (a)

Project Savings (b)- Annual Maintenace costs (c) = Payback (d)

Please note this is a simplified calculation for guidance only, a full cost benefit analysis and feasability study should be completed prior to choosing a technology

Links and available content

SBTi Guidance and calculation tools
https://sciencebasedtargets.org/resources/#:~:text=Use%20the%20SBTi%20target%20setting,C%20SDA%20pathways%20become%20available.

DENZC conversion Factors
https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

3. Grants and Funding Available

Invest NI EECG

What does it cover?

- Onsite renewable generation

Other non renewable technologies are also available. Link to fruther information here

What is the value?

Up to 150K, 30%-50% depeding on size of business

2. NISEP

What does it cover

- Heat Pumps
- Solar PV (grant cap of £30,000)
- Solar Thermal (grant cap of £30,000) •.

Other non renewable technologies are also available. Link to fruther information here

What is the value?

Up to 20% of cost.

4. Typical Payback Period

Technology	Typical Payback
Solar PV	6-10 years
Biomass	5-8 years
ASHP	5-10 years
Battery Storage	7-12 years
Wind(small scale)	8-15 years
EV Fleet	5-10years
EV Charging	3-7 years

*Above information is for general guidance only and will be dependent on utility costs, energy usage and other factors *

Continuous Monitoring

1.Identify deadlines for reporting

Aim: Communicating deadlines with your team , be in monthly or annual will allow for clear communication and avoid unneccasry delays.

Examples of deadlines
Legislative reporting: May have specific timelines such as ESOS Carbon reporting December each year or DAERA public reporting is October.

Financial Reporting: Such as SECR will co incide with your financial reporting end of year and submission deadlines.

Tender Reporting: If you are submitting your data for tenders, this typically will coincide with your financial year also. So ensuring your carbon footprint report is completed with each Financial year will keep you on track and avoid panic at each tender opportunity.

Internal deadlines: You may have no external reporting requirements presently and if setting an internal deadline, typically monthly for financial year end reporting is best practise

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Continuous Monitoring

2. Outline minimum data requirements

Aim: To provide a clear outline of data points to your team ensuring all information is collated continuously and avoid gaps at year end review.

SECR: Scope 1 ,2 and x Scope 3 (Business Travel and WTT)

PPN: Scope 1,2 and 5 scope 3 (WTT, Business Travel , Employee commuting, Waste, Upstream and Downstream transportation and distribution)

ESOS: Energy accounting for 95% of scope 1 and 2

CSRD: Environmental Impact: Carbon emissions, energy usage, resource efficiency, climate change mitigation, waste management, and biodiversity.

Client Scope 3: Your scope 1, 2 and Scope 3 Transport and waste pertaining to your activities for your client

Internal reporting: Minimum Scope 1 and 2

3. Identify and assign responsibilities

Departments	Name	Data Requested	Data completed
Compliance			
Finance			
Electricity/Heating Bills			
Refrigeration/AC service			
Fleet			

Continuous Monitoring

4. Gather data in a simple, compliant method.
Example RFI below Scope 1 : Heating, Machinery, and Refrigeration

SCOPE 1 EMISSION DATA COLLECTION

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IF YOU HAVE A FUEL SOURCE FOR MORE THAN ONE SITE PLEASE COPY & PASTE THE TABLE TEMPLATE TO THE RIGHT AS PER YOUR SITES ACCORDINGLY

NATURAL GAS	SELECT SITE >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (kWh) Last F.Y	3,268													0
Total Cost (£) Last F.Y	£ 476.82													0

CNG / LNG / LPG / PROPANE	SELECT SITE >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (Litres) Last F.Y	3,268													0
Total Cost (£) Last F.Y	£ 476.82													0

KEROSENE / HEATING OIL	SELECT SITE >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (Litres) Last F.Y	3,268													0
Total Cost (£) Last F.Y	£ 476.82													0

BIO ENERGY (BIOMASS / BIO DIESEL / BIO GAS)	SELECT SITE >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (Litres) Last F.Y	3,268													0
Total Cost (£) Last F.Y	£ 476.82													0

RED DIESEL (Generator) / GAS OIL	SELECT SITE >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (Litres) Last F.Y	3,268													0
Total Cost (£) Last F.Y	£ 476.82													0

REFRIGERANT TOP UPS - CURRENT REPORTING YEAR	#REF!													
TOP UP (KG)	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
R404A	2													0
R442A	4													0
R449A	4													0
R410A	4													0
R407A	4													0
R22	4													0
R32	4													0
OTHER	4													0

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Continuous Monitoring

4. Gather data in a simple, compliant method.
Example RFI below Scope 1 : Fleet

LAST F.Y COMPANY OWNED / CONTROLLED VEHICLES						
Method	**Travel Type**	**No of vehicles**	**Type of vehicle**	**Litres used in year**	**Number of miles or KM travelled**	**Miles or KM?**
Example	*Petrol*	*12*	*Cars / Vans etc*	*12354*	*n/a*	*n/a*
COMPANY OWNED / CONTROLLED VEHICLES ONLY	Petrol				n/a	
	Diesel				n/a	
	Hybrid					
	Electric			n/a		
	Unknown					

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Continuous Monitoring

4. Gather data in a simple, compliant method.
Example RFI below Scope 2 : Electricity

Where not relevant to your organisation please leave blank

GREEN / RENEWABLE ELECTRIC SUPPLY	Y/N	
IF PERCENTAGE GREEN SUPPLY PLEASE CONFIRM %	%	
ARE ALL SITES COVERED BY THE ABOVE SUPPLY TYPE ?	Y/N	
SUPPLY TYPE COVERING THE BASE YEAR PERIOD	Green / Brown	
COMMENCEMENT DATE OF GREEN SUPPLY ?	01.01.2019	
PLEASE PROVIDE EVIDENCE OF YOUR GREEN CONTRACT	Upload	
ARE ELECTRIC VEHICLES CHARGED ON SITE	Y/N	

↓TYPE OF SUPPLY ↓	Select site >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (kWh) Last F.Y	5,298													0
Total Cost (£) Last F.Y	£ 476.82													0

↓TYPE OF SUPPLY ↓	Select site >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (kWh) Last F.Y	5,298													0
Total Cost (£) Last F.Y	£ 476.82													0

↓TYPE OF SUPPLY ↓	Select site >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (kWh) Last F.Y	5,298													0
Total Cost (£) Last F.Y	£ 476.82													0

If you have further sites please copy and add as per template

STEAM DISTRIBUTION	Select site >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
Consumption (kWh) Last F.Y	5,298													0
Total Cost (£) Last F.Y	£ 476.82													0

ONSITE GENERATION	Select site >													
	Sample	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	TOTAL
SOLAR KWH	2													0
WIND KWH	4													0
CHP KWH	4													0

Is the on site generation used on site	Y/N	
Is this in addition to the electricity consumption inserted	Y/N	
Is this energy exported back to the grid	Y/N	
If so how much kwh ?	3456	

5. Monitor Monthly and ensure continuous progress by team and identify any gaps early to address

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