

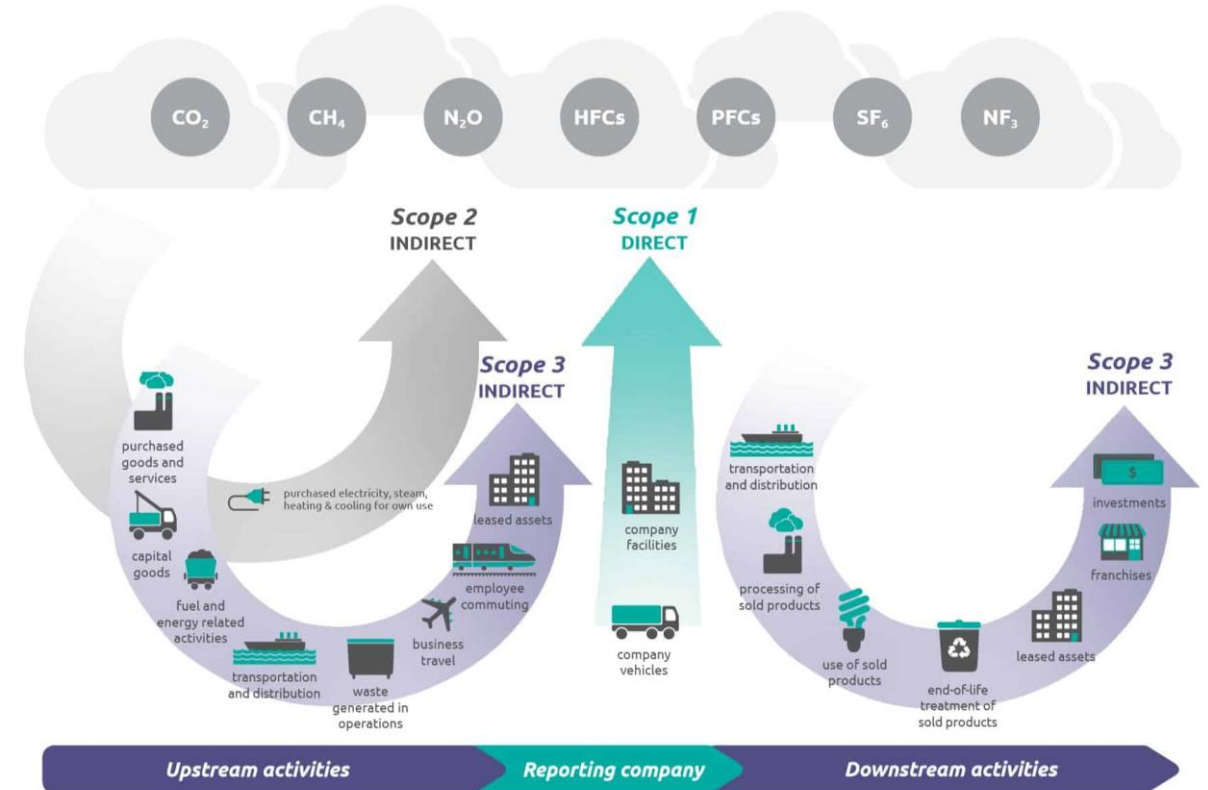


Helping Your Organisation Achieve Net Zero: Procurement as a Key Partner

Why is procurement key



- An institution's carbon emissions are classed as Scope 1, 2 or 3
- Purchased goods and services as part of the supply chain make up the majority of Scope 3 emissions
- Scope 3 emissions are the biggest % of the total carbon emissions of an institution – likely to be at around 70%



How to measure your supply chain emissions



- There is a tool called HESCET that is owned by HEPA. This is updated annually to map to the latest Defra conversion factors.
- This tool uses spend data based on Proc-HE codes which then converts the spend data into CO2 equivalent emissions. This then provides institutions with their carbon data for their supply chain which is included in the institution's overall carbon reporting.
- The tool is distributed to institutions via their purchasing consortia who collect the data

Limitations



- There are limitations to the tool as it is based on spend
- Not nuanced at product level
- Limited by Defra categories
- It is the best tool that the sector has to support collecting Scope 3 data for now

What the Sector are doing



- The UK Purchasing Consortia are collating all of their data together to develop an overall sector data source
- They are then able to identify the highest impact areas based on carbon emissions
- They can then identify the biggest suppliers to the sector
- With the collective purchasing power they can then put pressure on suppliers for more detailed data
- APUC are developing a supplier portal which will allow suppliers to input their carbon data at a product level
- Institutions will then have more detailed information to make purchasing decisions
- This will take time to achieve product level carbon data but the education sector has great influence and should be showing leadership in this area

What you can do



- Speak to your sustainability team to discuss the data you have
- Engage with your Purchasing Consortia to encourage them to take further action on this agenda
- Engage with your suppliers – ask what they are doing to reduce their carbon and share their data with your Purchasing Consortia
- Change procurement policies to reflect 'carbon price' as well as financial price
- Change tender specifications to include carbon data reporting from suppliers
- Resources are available at www.eauc.org.uk

**Procurement is key in reducing
your carbon emissions!**

Procurement and Net Zero at King's College London

KING'S
College
LONDON

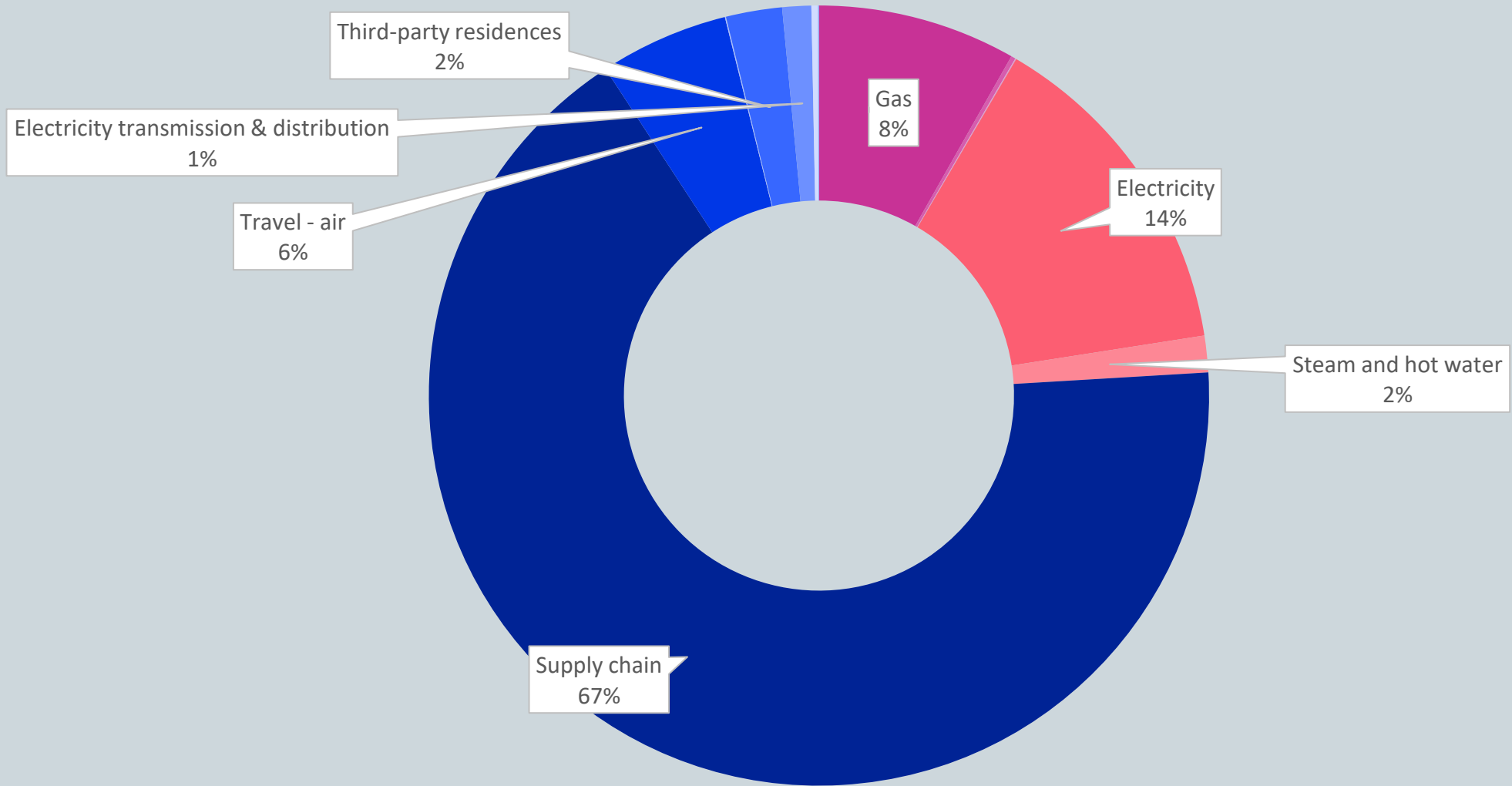


Why is our supply chain important?

- Significant source of emissions: our supply chain is our single largest source of scope 1, 2 and 3 emissions. It makes up nearly 70% of our total emissions



King's Scope 1,2,3 carbon emissions in 2018/19



- Gas
- Vehicles
- Supply chain
- Third-party residences
- Waste management

- F-gas
- Electricity
- Travel - air
- Electricity transmission & distribution

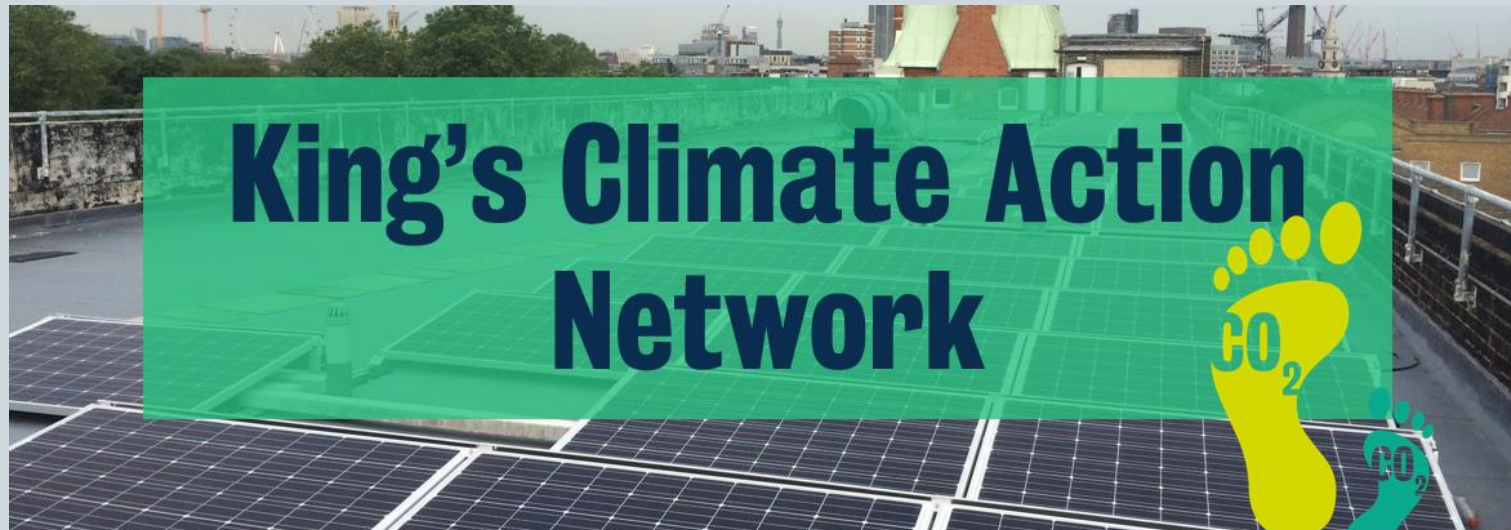
- Gas oil and diesel
- Steam and hot water
- Travel - other
- Water supply & treatment

Why is our supply chain important?

- Significant opportunities for improved measurement: current tools based on spend only give us a limited picture
- Area of interest for our students and staff: consultation showed that they want us to work on supply chain emissions

What have we done at King's?

- Included a Procurement & Waste group within our King's Climate Action Network
- Forthcoming Climate and Sustainability Action Plan will include section and actions on our supply chain, making it clear that it is a key area to address



Collaboration with others has been key

- Working with the sector to update the HESCET tool
- Working with our Procurement team to request carbon data directly from suppliers
- Working with students: undergraduate research project



Procurement @UWE

**Achieving the Net zero
ambition**

Overview

The objective

- Bristol City and South Gloucestershire Councils have goals to achieve a carbon neutral city / district by 2030.
- The West of England Combined Authority has also set a 2030 net zero goal.
- UWE Bristol has committed to reducing its GHG emissions to net zero by 2030.

Skills for Clean Growth



Overview

Case Study - Bristol City council – sustainable procurement .

[Procurement rules and regulations - bristol.gov.uk](https://www.bristol.gov.uk)

<https://youtu.be/xlzxlZfk598>



Sample policy [Sustainable Procurement Policy \(bristol.gov.uk\)](https://www.bristol.gov.uk)

UWE Strategy - People, Purpose, Place

“Through our 2030 Strategy we will work to address the urgency of the climate and ecological emergency and strive to fulfil our role in the achievement of the United Nations' Sustainable Development Goals.”



Board of Governors
Declaration of a Climate and Ecological Emergency
January 2020

The Board of Governors note:

1. That average global temperatures have now increased by 1.1°C since 1970, with 2019 being the warmest year on record.
2. That, according to the Intergovernmental Panel on Climate Change (IPCC) report published in January 2019, the world is now on a trajectory to reach a 1.5°C limit before 2050 – the consequences of which would be catastrophic.
3. That, consequently, it is no longer adequate to view climate change as a distant threat, but rather, it must now be treated as a global emergency that requires immediate action to address.
4. That the IPCC report tells us that limiting global warming to 1.5°C requires only with ambitious action from national and local governments, the private sector, and local communities.
5. That earlier this year, the Committee on Climate Change (CCC) has advised that Net Zero by 2050 and set out the required steps to achieve this.
6. That Net Zero means that the carbon managed to be emitted must be offset by carbon captured and only after such actions have been taken to account for any residual carbon.
7. That in Great Britain, the 2019 State of Nature report shows that biodiversity has decreased in abundance since 1970, with 2% of species already extinct and 15% more at risk.
8. Governments, Councils and universities are declaring a 'Climate and Ecological Emergency' across the world and are taking action to address this emergency.
9. That local authorities in the West of England have set ambitious carbon reduction targets which in the case of South Gloucestershire and Bristol is to achieve net zero by 2030 and that university staff are actively engaged in supporting these institutions in their journey to net zero.
10. That the concern of students and staff has been expressed in a petition to the Board of Governors.



Be carbon neutral as an organisation, with net-zero emissions of greenhouse gases by 2030.

Work through the ISO 14001 standard to set clear targets and plans to reduce water and energy use, cut waste generation including food waste, and support biodiversity.

As signatories to the UK Plastics Pact, eliminate all but essential single-use plastic and meet the 2025 targets for recycling and reuse.

Support research that addresses issues relating to climate change, environmental challenges and biodiversity.

Work with our students to explicitly address climate change and environmental challenges through our teaching, learning and curriculum.

Establish all our campuses as clean air and smoke-free zone.

Invest in and secure year-on-year improvement in travel sustainability for staff, students and visitors.



Responsible Procurement Strategy (ESG)

Environmental

Climate Change

- Climate and Ecological Emergency

Resource Use & Waste Reduction

- Circular Economy Plan

Energy Efficiency & Decarbonisation

- Carbon & Energy Management Plan

Pollution

- Clean Air Zones
- Travel Reduction
- Adherence to ISO14001

Biodiversity

- Landscape & Biodiversity Plan

Social

Human Rights

- Equality, Diversity & Inclusion
- Modern Slavery Act

Labour Practices

- Real Living Wage
- Fair Trade
- Health & Safety
- Gender Pay Gap

Social Value

- Student Placements
- Employability
- Apprenticeships
- Internships

Economic

Consumer Issues

- Information Security
- SMEs
- Charities
- Social Enterprise
- Local Supply Chains/Economy
- Plastic Pacts
- Conflict Free Minerals
- Palm Oil
- Use of Animal Products

Fair Operational Practices

- Fraud
- Bribery & Corruption
- Prompt Payment

Costs

- Carbon Offset Schemes

Culture

- Question the need for a new product
- Consider availability of pre-used items
- Avoid products containing unsustainable materials
- Specify products with high-recycled content
- Specify products that reduce energy consumption
- Consolidate deliveries and reduce congestion
- Prioritise environmentally conscious suppliers
- Use local and SME businesses

Culture and Governance



Governance

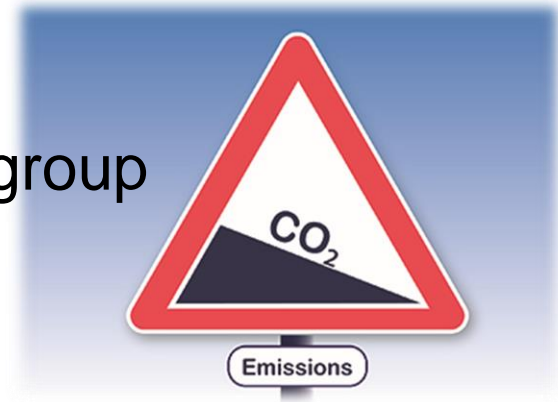
- Ensure sustainability factors given suitable weighting within tenders
- Undertake sustainability assessment of major UWE suppliers
- Influence public procurement consortia to ensure sustainability properly considered
- Continually monitor sustainability of key suppliers
- Support & develop suppliers' sustainability policies and practices
- Promote contracts with environmentally preferable products/alternatives
- Provide advice and support on sustainable procurement, including Scope 3 reduction & carbon offset schemes

Supporting Sustainability

Procurement Activities to date include :-

Membership of

- Sustainability board
- Climate Action & Sustainability group
- Palm Oil group
- Carbon offset group
- Plastics reduction group
- National Responsible Procurement grp
- Local SME events
- Support for Scope 3 calculations / SUPPC/ EAUC



The supplier Challenge – how ready are the supplier base ??

- In 2021 the sustainability team Intern did an analysis of what data suppliers had.
- Looked at largest suppliers in terms of both UWE spend and overall company size
- Result - there was little carbon data from either group
- In 2022 UWE Bristol RBI is supporting Clean Skills for Growth for regional small business (not just Uwe suppliers)
- [Clean Growth Skills for Businesses | Mysite \(skillsforfutures.co.uk\)](https://skillsforfutures.co.uk)
- From attendees so far of around 20 SME suppliers, none had carbon data although there is strong appetite for reducing emissions and increasing sustainability



The supplier Challenge – how ready are they

DATASET

- Identified suppliers carbon data availability and capacity to support UWE in our carbon reduction trajectory.

GROUP CODE	GROUP DEFINITION	TOTAL SPEND	SME STATUS	SCOPE DATA
A	Audio-Visual & Multimedia Supplies and Services	£5,461,999.50		
AA	Audio Visual Equipment, incl video conferencing, Televisions, Videos, sound recorders	£3,575,526.16		
	CDEC Limited	£979,821.71	Small (<50)	No Scope Data
	SLX	£39,209.21	Large (250+)	No Scope Data
	CPC	£11,150.24	Large (250+)	No Scope Data
	John Lewis Plc	£2,853.00	Large (250+)	JLP Annual Report and Accounts 2020 (PDF - pp. 88)
F	Furniture, Furnishings & Textiles	£7,084,558.91		
FC	Furniture - Office	£4,372,854.18		
	Southerns Broadstock Limited	£1,142,599.80	Medium (<250)	No Scope Data
	IKEA Limited	£85.00	Large (250+)	IKEA Sustainability Summary Report 2017
K	Computer Supplies & Services	£37,438,075.03		
KE	IT Software inc Bespoke Licences Maintenance	£14,690,479.27		
	Academia Limited	£2,177,420.02	Medium (<250)	No Scope Data
	Blackboard International BV (GBP)	£1,902,412.39	Large (250+)	No Scope Data
	MHR	£1,090,258.38	Large (250+)	No Scope Data
	Specialist Computer Centres (SSC)	£612,182.57	Large (250+)	SCC CSR Report 2019 (PDF - pp.42-43)
	Insight Direct UK Limited	£546,646.07	Large (250+)	No Scope Data
	Tribal Education Ltd	£423,328.72	Large (250+)	Tribal Group Annual Report and Accounts 2019 (PDF - pp.56)
	Oracle Corporation UK Limited	£271,353.20	Large (250+)	Oracle Corporate Citizenship Report 2019 (PDF - pp.102-105)
	Softcat Limited	£199,350.23	Large (250+)	Softcat Annual Report and Accounts 2019 (PDF - pp.33)
S	Stationery & Office Supplies	£1,426,205.91		
SF	Papers	£800,919.36		
	Antalis Limited	£616,194.50	Large (250+)	Antalis CSR Report 2018-2019 (PDF - pp.7)
	Xerox (UK) Limited	£66,349.29	Large (250+)	Xerox CSR 2020 Goals and Progress Summary (PDF - pp.4)

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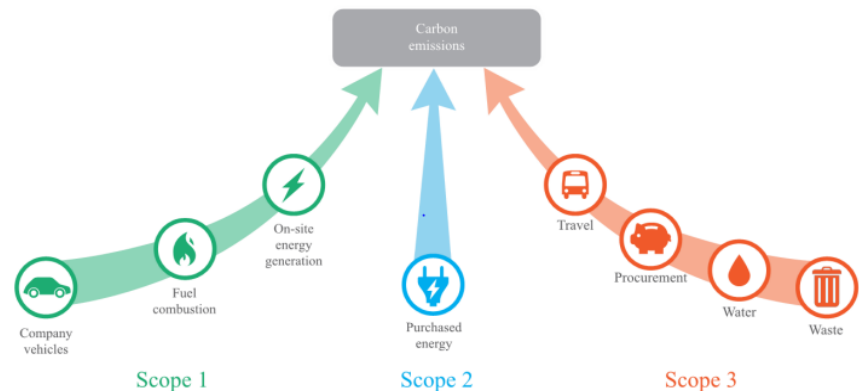


- As of 2022, UWE Bristol Planned to require that organisations tendering for contracts over £100,000 must provide details of how they intend to reach the UK Government targets of 85% progress to net zero by 2035 and 100% by 2050 (in reflection of the Government’s requirement for contracts over £5 million).
- Draft document was compiled using PPN, but on reflection a 3-page document was too long and complicated
- An alternative approach is being considered that can encourage SMEs to produce their carbon data and reduction plan

Collecting data – are the suppliers' carbon ready ?

Supplier questions, developing a simple questionnaire

1. Do you have a carbon management plan?
2. How do you plan to reduce your carbon emission pls list 3 initiatives you have or are planning to do
3. List 3 initiatives your organisation has taken to reduce carbon
4. What help would enable you to develop your carbon reporting further?
5. What help would enable you to develop your carbon reductions further?
6. What training would assist you?



Carbon Management in Procurement

Form is WIP, similar content to the one on the SUPC website. Questions being developed by the Energy Manager, who leads Scope 1/2/3 data.

What is the size of your business turnover?											
Are you able to provide your carbon footprint, targets and carbon management plan?											
What carbon reporting are you required to do?											
Regulation-led:	Organization-led:										
Do you currently collect any carbon data?											
Yes <i>(please provide baseline year data)</i>	No <i>(what barriers do you have in gathering this data?)</i>										
<input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Business travel <input type="checkbox"/> Commuter travel <input type="checkbox"/> Waste <input type="checkbox"/> Water <input type="checkbox"/> Procured goods <input type="checkbox"/> Procured services <input type="checkbox"/> Other (please state)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> <tr><td style="height: 15px;"></td></tr> </table>										
Do you have a carbon management plan? If yes, please give details.											
How do you plan to reduce your carbon emissions? Please list 3 current/planned initiatives											
1. 2. 3.											
What assistance would enable you to further develop your carbon reporting?											
What assistance would enable you to further develop your carbon reduction?											
What training would assist you with these developments?											
Would you want further discussion on this topic?											

The new approach forming...

1. Direct suppliers to Carbon Auditing tools such as those available through West of England Combined Authority (WECA) and Carbon Trust
2. Encourage suppliers to make pledges to support UWE Bristol targets – timeline being developed
3. WIP -Require all suppliers to have a timeline for auditing and reduction plans



What we really want

1. Lobby/encourage all purchasing consortia (not just HE) to work with suppliers en masse so that they are not having to produce different information or in different ways
2. Work with purchasing consortia and suppliers to investigate using a single sector platform (Scotland has chosen ECOVARDIS).
3. Could this be solved by the Green paper reforms – we need to lobby Cabinet Office for this to be included





**KEEP CALM
AND
REDUCE
CO²
EMISSIONS**