

CARBON NET ZER®

Finding the right path to work towards Carbon Net Zero is becoming increasingly challenging and brings together many aspects of your building solutions. At CCS, we have created a guide for you to use to gauge where you are and how to make initial improvements towards Carbon Net Zero.







<u>Associated Agreements - Construction</u>

consumption you can move on to STEP 02 >

Know your data

Review your data for your built estate; do you have the right level of information and knowledge to deliver your decarbonisation aims for the future.

Where are your gaps and areas to improve:

- identify any core issues, highest carbon impact areas
- quality and standardisation of estate data
- training needs for current staff

Understanding the data may require external advice and guidance in areas related to estate data, environmental and/or sustainability.

We can support you if you require information around your data for:

- utilities supply
- estates asset data
- air quality
- carbon management reporting
- climate change adaptation

- and/or mitigation
- feasibility studies and/or impact assessment
- pollution control
- sustainability

Building Management Systems

Consider the use of Building Management Systems (BMS) which can support with identifying opportunities to reduce your demand and subsequently offer substantial energy and operational savings.

STEP 02 MANAGE YOUR DEMAND Once you've taken action to reduce your consumption and are

Energy Usage

Identify major users across your estate by monitoring ongoing consumption. Actively manage out of hours consumption.

Waste/Excess

Do you know how much of your construction waste goes to landfill? How many materials go unused after the process? Could this be avoided?

Building Occupancy Management

Managing how and when buildings are occupied can assist in improving and optimising the performance of buildings and drive energy efficiency strategies.

Battery Generation

Can you utilise battery generation within your estate to manage demand effectively?

<u>Associated Agreements - Workplace</u>

successfully managing your demand you can move on to STEP 3 >

Manage demand

Where are your gaps and areas to improve:

- utilities usage
- · buildings occupancy
- · materials type of and quantity you need
- training can you adapt existing staff with retraining and support
- make or buy what are the available resources you currently have at your disposal

You may notice that your demand may require external advice and guidance in areas related to estate management, environmental, and sustainability, including:

- carbon management and reporting
- climate change adaptation and/or mitigation
- environmental planning and protection
- monitoring environmental indicators
- natural resource management
- risk management



Solar Photovoltaic Installation

Technological Developments

such as Heat Pumps or Solar Power.

Have you explored the option of solar pv and other renewable installation to help reduce your demand from the grid

Engage with the supply market to understand how

technological developments can support with your

CNZ journey e.g. the use of alternative energy sources



Renewable Green Energy

Use Power Purchase Agreements to procure renewable green energy on a large scale to meet demand and reduce carbon.

Sustainable Products

Consider the materials that will be used in the construction of your project. Is there a more sustainable material out there that could be used instead? Are there other pieces of equipment that could be used to reduce pollution?

Staff contribution to CNZ

Educate your people how they can play their part eg. shutting down technology when not in use, flexible working and sustainable commuting

You've been actively taking steps

towards your Carbon Net Zero goals.

Associated Agreements - Energy

Continuous improvement

How can you continue to improve as new technologies and CNZ innovations are developed:

- make CNZ a core part of business planning
- consult with staff and listen and act on ideas and initiatives on CNZ
- seek advice from Industry experts and peers across the public and private sector
- · cultural change supported and embedded through changes to policies and procedures

Associated Agreements - Construction

RM6157: Building Materials and Equipment

The terms and conditions for this agreement are under the Framework Alliance Contract (FAC-1). This is a flexible, standard form contract that helps to merge teams into an alliance and provides customers with improved results from using an agreement. Suppliers provide sustainability action plans which show how they will reduce the environmental impact of their products.

Go to agreement >

RM6242: Construction Professional Services DPS

A Dynamic Purchasing System (DPS) which forms part of our new solution to buying construction services. This includes providing you with a quick, simple and flexible route to market through an extensive number of suppliers. You have the ability to filter services to the local area and tailor social value requirements in each further competition.

Go to agreement >

RM6165: Construction Professional Services

You can access all types of construction professional services throughout the lifecycle of your construction project. RM6165 complements our other construction frameworks to offer a complete, start to finish solution and integrated service. CPS is aligned to the latest best practice policy and standards including: the Construction Playbook, Carbon Net Zero, Constructing The Gold Standard.

Go to agreement >

RM6267: Construction Works and Associated Services 2 (CWAS2) / ProCure 23 (P23)

A partnership with NHS England to provide a range of design, construction and building services for NHS capital projects which refers to the money spent on investing in buildings and infrastructure, including the maintenance and repairs of buildings and facilities major and minor building works general construction civil engineering projects. ProCure23 (P23) will be the fourth iteration of the ProCure agreement and will continue to provide design and construction services to the NHS and Social Care organisations.

Go to agreement >

RM6184: Offsite Construction Solutions

This framework expands on our previous framework scope of providing Modular 3D volumetric solutions to now also cover 2D panelised solutions. It will complement our existing agreements accessible via the construction group and enable clients to align further with the policies within the Construction Playbook, promoting the use of MMC.

Go to agreement >

RM6088: Construction Works and Associated Services

Enables public sector organisations and their arm's-length bodies to access all types of building and civil engineering works. The flexible contract structure is designed to provide solutions for varying customer requirements. It includes advanced, innovative contract arrangements, allowing customers to procure programmes of work as self-managed sub-alliances.

Go to agreement >

RM6313: Demand Management and Renewables DPS

A Dynamic Purchasing System (DPS) which provides a route to market for a number of wider energy products and services to support your Carbon Net Zero strategy from energy data management to installation of renewable energy assets.

Go to agreement >

RM6314: Demand Management and Renewables Framework

In parallel with the DMR DPS, this framework provides a route to market for solar, battery storage, heat pumps, heat network and general CNZ consultancy to support your Carbon Net Zero strategy from design to full installation works.

Go to agreement >



Associated Agreements - Workplace

RM6232: Facilities **Management and Workplace Services**

Access to Facilities Management services across the UK which provides customers with access to a broad range of suppliers that have demonstrable capacity, capability and expertise in their respective lots, including Total FM. Hard FM and Soft FM.

Go to agreement >

RM6257: Security - Physical, **Technical and Support Services**

Access for all UK public sector bodies to a range of security products and services including guarding, mobile patrolling, security risk assessment and installation and maintenance of security systems.

Go to agreement >

RM6241: Housing **Maintenance and Repair DPS**

A Dynamic Purchasing System(DPS) designed to buy housing maintenance and repair services. Includes planned and reactive maintenance and repair for both tenanted and vacant properties.

Go to agreement >

RM6155: Training Estate Services

Access to a full and diverse range of hard and soft facilities management (FM); a comprehensive land and rural estate management service tailored towards specific defence and training estate FM requirements.

Go to agreement >

RM6264: Facilities Management and Workplace Services DPS

A Dynamic Purchasing System (DPS) designed to compliment RM6232 FM and Workplace Services, this forms part of our new solution to buying FM services. This includes providing you with a quick, simple and flexible route to market through an extensive number of suppliers. You have the ability to filter services to the local area and tailor social value requirements in each further competition.

Go to agreement >

RM6168: Estate Management Services

Access to a wide range of property management services including but not limited to, total estate management, property management, lease management, surveying and integrator services. The agreement can help customers to understand their assets and make asset maintenance plans that are in line with sustainability and carbon net zero goals.

Go to agreement >

RM6154: Linen and Laundry Services

Access to a range of services to a set of specific standards which include wash, finish, collection and return of linen, and laundry services. Includes the use of sustainable products and benefits of reduced product waste through recycling, reducing water and chemical usage and energy efficiency.

Go to agreement >

RM6119: Furniture & **Associated Services**

Access to a wide range of furniture for use in office, residential and education settings as well as secure furniture like security cupboards. You can also use this framework to buy renovation and repair services to keep the furniture maintained. Buy a range of furniture for use in public sector organisations as well as repair and renovation services.

Go to agreement >

Back to Step 2

Associated Agreements - Energy

RM6251: Supply of Energy 2

For the supply and administration of all electricity and gas procured by our dedicated energy trading and risk management team.

This agreement also supports your 'Net Zero' ambitions by providing: access to power purchase agreements clean 'carbon free' energy, energy saving advice carbon offsetting credits and allowances.

Go to agreement >

RM6177: National Fuels 2

Provides liquid and solid fuels such as heating oil and wood to all public sector customers. Also includes all products and services connected to using fuels, such as tank maintenance. Within our National Fuels agreement, suppliers will provide data on fuel volumes on a monthly basis, which will help customers plan going forward. Consumption volumes will vary with seasonal demand, customers will be able to plan this by using the data received from the suppliers, overall managing demand and reducing consumption. Customers may also choose a bio fuel to assist with efficient solutions, but this does come at a premium price.

Go to agreement >

RM6178: Water, Wastewater and Ancillary Services 2

Provides access to procurement of water supply, wastewater (sewage) and ancillary services that make usage more efficient by reducing waste and supporting decarbonisation efforts. Within this agreement, suppliers will provide the customers with accurate data on consumption, so customers can fully understand how much they are using, which will help with consumption reduction and potentially managing demand.

Go to agreement >

RM6289: Power Purchase Agreements

This agreement will provides access to procurement of renewable indirect power purchase agreements through long-term contracts. This will allow for electricity demands to be met through carbon free renewable sources and helps to meet Carbon Net Zero targets.

Go to agreement >

Please find future agreements within the Building Pillar via the <u>CCS Upcoming Deal page</u>

CNZ Carbon Reduction Plan

The Carbon Reduction Plan Procurement Policy Note was introduced in September 2021. CCS is now requesting that Suppliers on our agreements provide a Carbon Reduction Plan during the agreement tender stand and DPS supplier selection process.

Each Supplier has to provide carbon dioxide equivalent (CO2e) data for both baseline year and current year against the Greenhouse Gas Protocol standards. These include:

- Scope 1 Emissions (Direct sources)
- Scope 2 Emissions (indirect sources)
- Scope 3 Emissions (indirect, upstream and downstream sources within the value chain)

Once a Suppliers Carbon Reduction Plan has been approved, the below verification will show against the Suppliers record on each CCS Framework agreement page. This verification means that our customers can be assured that CCS and our Suppliers are committed to reaching the Government's Carbon Net Zero target by 2050.