



CARBON NET ZERO

Finding the right path to work towards Carbon Net Zero is becoming increasingly challenging and brings together many aspects of your technology requirements. At CCS, we have created a guide for you to accurately assess your carbon footprint and how to make initial improvements towards your Carbon Net Zero plans.



The first and most important step in your journey is being able to understand your IT estate.

Close 



STEP 1: ASSOCIATED AGREEMENTS

Suppliers on CCS agreements can help you on your journey to Carbon Net Zero.

G-Cloud



These suppliers can assist in projects to implement software packages that can produce a detailed carbon footprint map.

Technology Services 3



Provides services from strategy & service design through transition to operational running of an IT estate, will be able to assist in the creation of a detailed estate map.

Data and Application Solutions



The suppliers on this agreement can assist with your software requirement and the aggregation of packages allowing reduced server requirements.

Digital Outcomes and Specialists



This agreement helps the public sector buy, design, build and deliver digital outcomes by finding appropriate specialists to deliver agile software development.

Now you understand your estate, you'll be able to identify opportunities to reduce your demand. Here are a number of measures you should be considering.

Close 



STEP 2: ASSOCIATED AGREEMENTS

Suppliers on CCS agreements can help you on your journey to Carbon Net Zero.

Data and Application Solutions

The suppliers on DAS can assist with your software requirement and the aggregation of packages allowing reduced server requirements.

Digital Outcomes and Specialists

This agreement helps the public sector buy, design, build and deliver digital outcomes by finding appropriate specialists to deliver agile software development.

Technology Products and Associated Services (TePAS)

This agreement offers public sector customers a flexible and compliant way to source all their technology product needs.

Crown Hosting

Meters your energy usage and carbon footprint data on a monthly basis per system, enabling you to plan, manage demand and reduce consumption as you improve your IT estate.

Taking positive steps towards Carbon Net Zero – the following opportunities may support you on your specific Carbon Net Zero journey.

Close 



STEP 3: ASSOCIATED AGREEMENTS

Suppliers on CCS agreements can help you on your journey to Carbon Net Zero.

Traffic Management Technology 2

Target campaigns to improve environmental behaviour and reduce marketing inefficiencies through use of virtual promotion to help you meet your carbon net zero goals.

Artificial Intelligence

AI analysis of big data enabling the decision making process. Discovery and consultancy services, implementation and support of AI systems, end-to-end partnerships and AI technologies.

Cyber Security Services 3

Pre-qualified suppliers that provide a variety of cyber security services, to protect data, the devices being used and the services accessed from cyber-attacks.

Network Services 2

Telecommunications services including networks for the entire public sector, their associated bodies and agencies, the voluntary sector and charities.

G-Cloud

Purchase cloud-based computing services such as hosting, software and cloud support, including many off-the-shelf, pay-as-you-go cloud solutions.

- access to over 38,000 services and over 5,000 suppliers
- scalable services: pay for what you use, and increase or reduce what you need easily
- quick and easy route to market
- reduced costs and reduced total cost of ownership compared to running your own service in house
- access to the latest technology and innovation with every refresh of the G-cloud agreement
- change service provider easily

[Go to agreement >](#)

 **[Back to Step 1](#)**

 **[Back to Step 2](#)**

 **[Back to Step 3](#)**

Data and Application Solutions

The Data and Application Solutions agreement is designed to provide software-led solutions across 14 enterprise and sector-specific lots

- 76 suppliers, 46% of which are SMEs (150 different instances of supply as suppliers on more than 1 lot)
- Commercial off the shelf (COTS) enterprise applications, data & analytics and lines of business software
- Sector specific lots for Local Authorities, Health, Emergency Services and Education
- All software licences, associated professional services (design to maintenance) and hardware can be delivered under one competition
- Further competition and catalogue listed products available across all lot
- Flexible call off length, maximum 5 + 1 + 1 years
- Both cloud and on premise software
- Government favourable terms and conditions using the new Public Sector Contract (PSC)

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Traffic Management Technology 2

- extensive range of innovative products and services from suppliers and key sub-contractors
- ability to engage with suppliers before entering into further competition
- active relationship management of suppliers
- An online catalogue
- guidance and support from commercial professionals at Crown Commercial Service
- supports the government's commitment to sustainability and offers increased opportunities for small business: over 50% of suppliers are SMEs

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Digital Outcomes and Specialists

This agreement helps the public sector buy, design, build and deliver digital outcomes by finding appropriate specialists to deliver agile software development.

- easy access to suppliers with the right capabilities (compliant with the Digital by Default Standard)
- suppliers include small and medium size businesses
- guaranteed supplier capacity to deliver digital projects at multiple UK locations
- a flexible and speedy route to meet customers' digital project needs

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Technology Services 9

The Tech Services 2 Agreement was developed to give all public sector organisations access to suppliers of technology services such as: technology strategy, transition and transformation, operational services and programme management.

The framework is divided into 4 lots, from Strategy to implementation and the support of current operations. The framework can offer services for all parts of the Technology Lifecycle.

The lots are split in such a way that they move through the ICT lifecycle sequentially.

- 63% of suppliers are SMEs
- Circa 150 suppliers across all lots
- Aligns to CO policy on disaggregation
- Compliant with the Public Contracts Regulations 2015
- Call-off maximum term is upto 7 years depending on the lots used
- Suitable for single-vendor outsourcing to disaggregation

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Artificial Intelligence

This agreement will use a Dynamic Purchasing System (DPS) to offer artificial intelligence (AI) services to the whole of the public sector and their associated bodies and agencies.

If you are new to AI you will be able to procure services through a discovery phase, to get an understanding of AI and how it can benefit your organisation. If you have experience in AI, you will be able to buy licensing, customisation and support directly from suppliers. If you would like both of these things, you will have access to end-to-end partnerships.

The type of technology available using the development, implementation and support of AI services includes AI software applications, machine learning to help with data analytics, intelligent virtual assistants and intelligent personal assistants.

Health and social care bodies will have access to AI applications such as medical imaging software, non-imaging diagnostic software and symptom-based software, to help accelerate AI technologies in health and social care in line with the AI in Health and Care Award.

Contracts under this agreement can range from anything up to four years, depending on the complexity of the project.

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Tech Products and Associated Services

Offers public sector buyers a flexible and compliant way to source all of their technology product needs. This is the first iteration of the Technology Products framework to have associated services in its scope.

Under this agreement, buyers can procure associated services and goods. The UK public sector and their associated bodies and agencies, including the voluntary sector and charities, can use this framework.

- great choice of products and expanded service provision
- 41 high-quality suppliers including manufacturers, channel partners and resellers
- 60.98% of suppliers are a SME
- call-off contracts are available for up to 5 years
- option for simplified award procedure (100% price based competition)
- flexibility for single supplier 'one-stop shop' awards
- supply chain assurance
- allows leasing of goods

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Network Services 2

This agreement offers customers a range of primary and ancillary services including:

- voice and data provision
- internet access
- WiFi
- radio
- security and surveillance
- audio and video conferencing
- equipment
- maintenance and support services

You can access specialist suppliers who deliver the services under individual lots, as well as multiple services across a number of lots.

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Cyber Security Services 3

Cyber Security Services play an important role in achieving sustainability goals because it protects customers from having their sensitive data compromised. Through a wider lens, the automated operational technologies that drive carbon net zero working are also vulnerable to cyber attacks therefore Cyber security measures are vital throughout the supply chain. Internet of Things (IoT) devices often do not have adequate security controls in place.

The Cyber Services 3 DPS Agreement provides public sector buyers with the opportunity to procure an extensive variety of Cyber Security services from a range of suppliers including:

- Consultancy and advice (Risk management, risk assessment, audit and review, security architecture, training and policy development)
- Penetration testing (CHECK, IT health check)
- Cyber Incident Management (Incident response, disaster recovery, threat intelligence, BDCR)
- Data Destruction (secure data removal and IT sanitation)

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)

Crown Hosting

Offers carbon net zero today for the ICT of the public sector through:

- highly environmentally efficient data centre facilities;
- REGO backed green electricity;
- 99.9% reduction in carbon emissions and water usage; compared to public sector averages.

The framework agreement addresses the problems of energy wastage, carbon and water cost through inefficient building facilities for ICT (aka server rooms and data centres). 97% of such facilities in the public sector are too small to be efficient and waste 3kWh for every 1kWh used by the ICT.

Crown Hosting data centres reduce building energy wastage to a fraction of the average through modern, purpose built, specialist, hyperscale facilities.

The framework aggregates the demand of public sector to provide an economy of scale in the purchase of aligned services, such as networks and managed infrastructure. It enables customers to grow or shrink their data centre premises requirements on demand, supporting the 'right-size' approach to sustainable ICT deployment.

[Go to agreement >](#)



[Back to Step 1](#)



[Back to Step 2](#)



[Back to Step 3](#)