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Contract

IEA TCP Alternate Delegates

Department for Energy Security & Net Zero

UK7: Contract details notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-051462

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Scope

Reference

prj_5236

Description

DESNZ is looking for experts in their field with a strong network of contacts across their industry to act as an Alternate Delegate for the following International Energy Agency (IEA) Technology Collaboration Programmes (TCPs).

- Hydrogen
- Solar Heating and Cooling (SHC)
- District Heating and Cooling (DHC)
- User-Centred Energy Systems
- Bioenergy

- Energy in Buildings and Communities (EBC)
- International Smart Grid Action Network (ISGAN)
- Photovoltaics Power Systems (PVPS)
- Industrial and Energy Related Technologies and Systems (IETS)
- Geothermal

The general tasks are:

- Represent the UK in ExCo Meetings
 - Act as the primary liaison between UK industry and the TCP
 - Prepare national annual reports for the IEA on the state of research, technology deployment, policy support and projects
 - Manage and develop the National Team of interested experts, to coordinate tasks and knowledge dissemination
 - Participate in and propose TCP tasks or annexes, which are working groups aimed at delivering a specific task or output, advancing the knowledge base of the relevant TCP area.
 - Knowledge transfer from the TCP to DESNZ through the DESNZ Delegate
 - Prepare a short annual report summarising TCP activities for DESNZ's monitoring and reviewing purposes in collaboration with the DESNZ Delegate.
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Lot 1. Hydrogen

Description

The Hydrogen TCP coordinates and facilitates R&D across the hydrogen value chain (production, storage, distribution, power, heating, industry) to:

accelerate hydrogen implementation

optimise environmental protection

improve global energy systems and grid management

Lot 2. Solar Heating and Cooling (SHC)

Description

The SHC TCP covers solar thermal (flat plate, tube collectors, PV Thermal), solar cooling and covers many solar based technologies such as solar reactors (e.g. for production of hydrogen)

The TCP has a strong focus on the integration of solar thermal technologies into low carbon systems such as district heating and flexible building heat, the scope is deliberately wide and also covers the use of PV to heat.

Lot 3. District Heating and Cooling (DHC)

Description

The IEA DHC research programme addresses technical and policy issues aimed at lowering environmental impact of heating and cooling.

The IEA DHC deals with the design, performance and operation of distribution systems and consumer installations.

Currently district heating & cooling is still a relatively nascent albeit fast growing sector in the UK whereas European (and international) countries have a significantly more mature DHC Industries from which the UK can benefit from.

Lot 4. User-Centred Energy Systems

Description

The User-Centred Energy Systems mission is to provide evidence from socio-technical research on the design, social acceptance and usability of clean energy technologies to inform policy making for clean, efficient and secure energy transitions.

Objectives focus on areas where user choices and actions play a large role in determining both the variability and overall level of power and energy use.

Lot 5. Bioenergy

Description

Bioenergy currently provides the largest fraction of renewable energy in the UK; over half of the 15.5% share of total energy consumption from renewables in 2023.

The mission of IEA Bioenergy is to increase knowledge and understanding of bioenergy systems to facilitate the market deployment of environmentally sound, socially acceptable, and cost-competitive, low-carbon bioenergy systems and technologies, and to advise policy and industrial decision makers accordingly.

Lot 6. Energy in Buildings and Communities (EBC)

Description

The EBC TCP coordinates international research and innovation on energy in buildings and communities, with the aim of furthering energy efficiency and decarbonising energy use of the building stock.

Projects typically cover a wide range of research themes spanning from integrated planning and community scale energy systems to thermal fabric of individual buildings and monitoring energy use of these through case studies.

Current priorities include low tech, robust and affordable technology, energy efficient cooling in hot and humid or dry climates, and holistic solution sets on a district level.

Lot 7. International Smart Grid Action Network (ISGAN)

Description

The ISGAN TCP strives for the accelerated development and deployment around the world of smarter, cleaner electricity grids-as in "smart grids".

ISGAN research explores how electricity grids will play a key role in building system flexibility, maintaining system reliability, and enabling more rapid GHG emission reductions through:

Dynamic management of electricity demand

Better utilization of existing electricity generation assets

Integration of growing supplies of both utility-scale and distributed clean energy systems, especially renewables, battery storage, and the expanding fleet of EVs

Lot 10. Geothermal (including leading an annex on mine energy)

Description

The TCP currently undertakes diverse tasks related to environmental impacts, data collection and information, emerging geothermal technologies, geothermal heating and cooling, mine water energy, and subsurface energy storage.

The UK leads the Mine Water Energy Expert group, which facilitates increased exploration of mine water energy across the UK.

The Mine Water Symposium 2024 had speakers and workshops which discussed current schemes, modelling mine water energy systems, thermal storage, raising awareness of mine water energy and regulatory needs.

Contract 1. Lot 1 - Hydrogen

Lots

Lot 1. Hydrogen

Supplier

- Frazer Nash Consultancy Ltd

Contract value

- £35,712 excluding VAT
- £44,640 including VAT

Above the relevant threshold

Date signed

31 July 2025

Contract dates

- 31 July 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 11 months, 1 day

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services
-

Contract 2. Lot 2 - Solar Heating and Cooling

Lots

Lot 2. Solar Heating and Cooling (SHC)

Supplier

- Tony Day

Contract value

- £28,800 excluding VAT
- £36,000 including VAT

Above the relevant threshold

Date signed

31 July 2025

Contract dates

- 31 July 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 11 months, 1 day

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services

Contract 3. Lot 3 - District Heating and Cooling

Lots

Lot 3. District Heating and Cooling (DHC)

Supplier

- Engage Consulting Ltd

Contract value

- £22,809.60 excluding VAT
- £28,512 including VAT

Above the relevant threshold

Date signed

31 July 2025

Contract dates

- 31 July 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 11 months, 1 day

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services
-

Contract 4. Lot 4 - User-Centred Energy Systems

Lots

Lot 4. User-Centred Energy Systems

Supplier

- University of Plymouth Enterprise Ltd

Contract value

- £36,691.20 excluding VAT
- £45,864 including VAT

Above the relevant threshold

Date signed

31 July 2025

Contract dates

- 31 July 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 11 months, 1 day

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services
-

Contract 5. Lot 5 - Bioenergy

Lots

Lot 5. Bioenergy

Supplier

- Zoenergy Ltd

Contract value

- £30,720 excluding VAT
- £38,400 including VAT

Above the relevant threshold

Date signed

13 August 2025

Contract dates

- 13 August 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 10 months, 19 days

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services

Contract 6. Lot 6 - Energy in Buildings and Communities

Lots

Lot 6. Energy in Buildings and Communities (EBC)

Supplier

- UCL Consultants Ltd

Contract value

- £36,518.40 excluding VAT
- £45,648 including VAT

Above the relevant threshold

Date signed

31 July 2025

Contract dates

- 31 July 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 11 months, 1 day

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services
-

Contract 7. Lot 7 - International Smart Grid Action Network

Lots

Lot 7. International Smart Grid Action Network (ISGAN)

Supplier

- Energy Systems Catapult Ltd

Contract value

- £36,864 excluding VAT
- £46,080 including VAT

Above the relevant threshold

Date signed

31 July 2025

Contract dates

- 31 July 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 11 months, 1 day

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services
-

Contract 8. Lot 10 - Geothermal

Lots

Lot 10. Geothermal (including leading an annex on mine energy)

Supplier

- British Geological Survey

Contract value

- £82,901.54 excluding VAT
- £103,626.92 including VAT

Above the relevant threshold

Date signed

31 July 2025

Contract dates

- 31 July 2025 to 30 June 2026
- Possible extension to 30 June 2029
- 3 years, 11 months, 1 day

Description of possible extension:

Subject to funding

Main procurement category

Services

CPV classifications

- 73110000 - Research services

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Suppliers

British Geological Survey

- Public Procurement Organisation Number: PWHV-7273-PGJY

British Geological Survey, Nicker Hill, Keyworth

Nottingham

NG12 5GG

United Kingdom

Email: enquiries@bgs.ac.uk

Region: UKF16 - South Nottinghamshire

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 8. Lot 10 - Geothermal

Energy Systems Catapult Ltd

- Companies House: 08705784

Cannon House 7th Floor, 18 Priory Queensway

Birmingham

B4 6BS

United Kingdom

Email: accountandbidmanagement@es.catapult.org.uk

Region: UKG31 - Birmingham

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 7. Lot 7 - International Smart Grid Action Network

Engage Consulting Ltd

- Companies House: 03923081

Unit 1, Cambridge House Camboro Business Park, Oakington Road, Girton

Cambridge

CB3 0QH

United Kingdom

Email: chris.cook@engage-consulting.co.uk

Region: UKH12 - Cambridgeshire CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 3. Lot 3 - District Heating and Cooling

Frazer Nash Consultancy Ltd

- Companies House: 02562870

Hill Park South KBR Capus Springfield Drive

Leatherhead

KT22 7LH

United Kingdom

Email: f.ritchie@fnc.co.uk

Region: UKJ26 - East Surrey

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. Lot 1 - Hydrogen

Tony Day

- Public Procurement Organisation Number: PVWZ-9221-TWRJ

17 Nine Chimneys Lane

Balsham

CB21 4ES

United Kingdom

Email: tony@tonyday.co.uk

Region: UKH12 - Cambridgeshire CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. Lot 2 - Solar Heating and Cooling

UCL Consultants Ltd

- Companies House: 03332258

90 Tottenham Court Road

London

W1T 4TJ

United Kingdom

Email: i.moler@uclconsultants.com

Region: UKI31 - Camden and City of London

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 6. Lot 6 - Energy in Buildings and Communities

University of Plymouth Enterprise Ltd

- Companies House: 03707827

University of Plymouth, Emdeck Building

Plymouth

PL4 8AA

United Kingdom

Email: contractresearch.consulting@plymouth.ac.uk

Region: UKK41 - Plymouth

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 4. Lot 4 - User-Centred Energy Systems

Zoenergy Ltd

- Companies House: 13130905

Zoenergy Ltd 44 Chessington Avenue

London

N3 3DP

United Kingdom

Email: Info@zoemharris.com

Region: UKI71 - Barnet

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 5. Lot 5 - Bioenergy

Contracting authority

Department for Energy Security & Net Zero

- Public Procurement Organisation Number: PDHQ-2163-WYMH

55 Whitehall

London

SW1A 2HP

United Kingdom

Email: bernadette.hughes@energysecurity.gov.uk

Region: UKI32 - Westminster

Organisation type: Public authority - central government