



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2022-PTT-C7-FGIV-021628

FG IV - Project officer – Carbon capture, utilisation and storage technologies (CCUS)

POSITION FOR:

Member of contract staff FG IV – art. 3b of the Conditions of Employment of Other Servants
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

WE ARE:

As the science and knowledge service of the European Commission, the mission of the Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/>

The current vacancy is in the ‘Knowledge for the Energy Union’ Unit, Directorate C – Energy, Transport & Climate, of the JRC: our mission is to support the delivery of the European Green Deal and the transition to a climate-neutral economy with scientific evidence, through the mapping and analysis of relevant knowledge and data, the generation of new evidence and the anticipation of evolving trends.

Our staff (about 50) is mainly based in Petten (NL). A convenient bus service connects our offices to the cities of Alkmaar and Amsterdam. Children of employees can attend the [European School in Bergen](#).

More information about CAST Permanent and contract agents in the European Institutions is available in this FAQ EPSO page [Contract agents | Careers with the European Union \(europa.eu\)](#).

WE PROPOSE:

We offer a dynamic position in an international organisation. You will work at the interface between science and policy, analysing the role of carbon capture, utilisation and storage (CCUS) in the decarbonisation of the energy-intensive industrial and power sectors, to meet the EU’s climate and industrial policy objectives.

In this position you will interact with various Commission services and other EU policymakers and stakeholders in European industry and academia. The position offers opportunities for continuous professional development, training and participation in international conferences and policy-relevant forums.

The position:

You are expected to:

- Assess the state of the art of the technology and market of CO₂ capture, transport, utilisation and storage; and analyse their costs and operational performance, using quantitative tools such as process flow modelling.
- Identify and analyse bottlenecks to the large scale deployment of CCUS
- Write policy and scientific reports as well as publications for peer reviewed journals

- Liaise and cooperate with academic and industrial stakeholders , and represent the JRC in the CCUS Working Group of the SET Plan.
- Manage and update regularly CCUS-related JRC databases and the Energy and Industry Geography Lab.
- Support the Unit's activities on research and innovation by validating and making sense of information, data and analysis.

You will work closely with other JRC research groups and colleagues in the Unit and across the JRC, to support among others, clean energy research and innovation, the [Energy and Industry Geography Lab \(europa.eu\)](https://ec.europa.eu/energy-geography/), or the social impacts of the energy transition.

Typical outputs from our team are JRC reports and briefs that underpin EU policies and measures, conference proceedings, and where appropriate scientific journal papers.

WE LOOK FOR:

Profile:

You should apply for this position if you are passionate about working at the forefront of science and policymaking, producing insights from your analysis on how these relevant technology options can contribute in the industry and power sectors at the transition to climate neutrality and energy security.

To be successful in this role, you should:

- Be analytical and have good knowledge management skills. You will be required to collect, synthesise and analyse CCUS technology data from scientific literature and market analysis, carry out original analysis of costs and performance, based among others on process flow modelling, and make recommendations with impacts on policy-making.
- Be a good and proactive communicator. You should be able to speak and write clearly in English, to produce impactful publications and interact with a range of stakeholders. The position involves the dissemination of data, findings and conclusions stemming from your own analysis, proactive engagement with policymakers and stakeholders and timely responding to ad-hoc requests.
- Be able to multitask and be a team player.

Qualifications and competences:

- Candidates should have an advanced degree in a relevant scientific/engineering field and a minimum of 2 years' relevant professional experience, or alternatively a doctoral diploma in a related scientific/engineering field.
- Very good oral (B2 level) and writing skills (C1 level) in English are essential, along with the ability to produce concise overviews based on large volumes of diverse and often incomplete data. Your application should be supported by a publications/reports list.
- Candidates should have a prior knowledge of the operations of thermal power plants or chemical plants and be familiar with process-flow modelling techniques.
- Good knowledge of CCUS technologies would be an advantage.

INDICATIVE CONTRACT DURATION:

36 months initial contract with possible renewals up to a maximum of 6 years.

PLACE OF WORK:

[Petten \(NL\)](https://ec.europa.eu/energy-geography/)

ELIGIBILITY CRITERIA:

Candidates for this contract agent post shall:

– (i) have passed a valid EPSO CAST selection procedure;

or

– (ii) be registered in the EPSO Permanent CAST <https://epso.europa.eu/en/job-opportunities/competition/2099/description>

or

- (iii) be registered in the specialised call for researchers https://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission_en (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

RECRUITMENT POLICY:

The Joint Research Centre

- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.