EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2021-PTT-C7-FGIV-019048

FG IV - Project officer - knowledge Management - Energy System Analyst

POSITION FOR:
Member of the 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, 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 of Directorate C – Energy, Transport & Climate. 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, the anticipation of evolving trends and effective communication.
Our staff (about 50) is mainly based in Petten (NL). A bus service connects our offices to the cities of Alkmaar and Amsterdam on a daily basis. 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 https://epso.europa.eu/help/faq/contract-agents_en

WE PROPOSE:
We offer a dynamic position in an international organisation, working at the interface between energy scenarios and policy. You will work as an energy systems analyst comparing scenarios for the evolution of the EU energy system drawing conclusions about similarities and discrepancies in scenarios, assessing their consequences for the energy and climate policies and the role of technological innovation and clean energy technology options in the transition to climate neutrality.

In this position you will interact with EU policy makers and stakeholders and you will also enjoy opportunities for continuous professional development, training and participation in international conferences and policy-relevant forums.

The position:

The functions and duties of this position include:

- Monitor, analysis, comparison and synthesis of information from key energy scenarios and related outlooks published by research organisations, industrial associations, market analysts and other institutions that address climate neutrality, including the effects of materials availability by 2050.
- Assessment of the impact of technological innovation and technology options and the importance of materials resources with respect to the objectives of the Green Deal and Industrial Strategy goals, mainly through analysis of key EU and global energy modelling exercises.
- Contributions to maintaining and updating relevant databases; application of new

skills in data analysis and approaches in the work stream (e.g. text-mining, visualisation, storytelling) and disseminating the results from the modelling Commission modelling exercises through our energy scenarios visualization tool (see https://visitors-centre.jrc.ec.europa.eu/en/media/tools/energy-scenarios-explore-future-european-energy)

Contribution to relevant activities and tasks stemming from cooperation with other Commission Services (e.g. DG ENER, DG GROW) and international stakeholders (e.g. IRENA)

WE LOOK FOR:
Profile:

You should apply for this position if you are passionate about working at the forefront of analysing energy scenarios and its implications to EU industrial, energy and climate policies, have a solid scientific background on the energy system and have a strong interest in the transition to climate neutrality.

In order to be successful in this role you should:

- Be analytical and have very good quantitative skills: you will have to collect and analyse scenarios and data and make recommendations based on solid analysis.
- Be a good and proactive communicator: you should be able to speak and write clearly in English and interact with a variety of stakeholders.
- You will have to multitask and be a relevant team player: The position involves the internal dissemination of data, findings and conclusions stemming from different energy scenarios and modelling exercises while proactively engaging with policy makers and stakeholders and timely responding ad-hoc requests.

Qualifications and competences:

- Candidates should have a completed university degree in Engineering, Economics or Science of at least three years attested by a diploma and at least three years of professional experience on energy modelling meta-analysis. Alternatively, the candidate should have a PhD degree with research experience relevant to the job tasks.
- Very good (B2 level) command of English and writing skills (supported by a publications list), are essential.
- Experience with quantitative analysis of materials needs for energy technologies would be an advantage.
- S/he should be well versed in energy system and energy system dynamics; experience with some type of modelling is preferred. A good understanding of energy intensive industries and raw materials would be an advantage.

Advance use of Excel, good knowledge of optimisation and statistical analysis (e.g. R) or programming and data management skills (e.g. Python) would be an advantage

INDICATIVE CONTRACT'S DURATION:
36 months initial contract with possible renewals up to maximum 6 years.

PLACE OF WORK: Petten, The Netherlands

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/documents/2240_en
or ***only for CA FGIV***
- (iii) be registered in the specialised call for researchers https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers (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.