



2022-IPR-D1-FGIV-020669

FG IV – Scientific Project Officer - Forest-based bioeconomy**POSITION FOR:**

Member of the contract staff FGIV – 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 Commission, the mission of DG Joint Research Centre (JRC) 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 Directorate for Sustainable Resources. Its mission is to provide independent scientific evidence to support the development, implementation, evaluation and coherence of EU policies, mainly in the areas of agriculture and rural development, development cooperation, environment and climate change, blue growth and fisheries, the bioeconomy, industry and trade.

The vacancy is in JRC.D.1, Bio-economy Unit. Its mission is to provide scientific support to EU policies related to the bio-economy such as the sustainable production as well as the use of biological resources and the conversion to value added products, such as food, feed, bioenergy and bio-based products. To contribute to the sustainable management of forests and forest resources by developing a knowledge base to protect our natural capital and the services it provides. To develop methods and models to monitor forest resources and carbon emissions and to improve our knowledge of biomass supply, demand and flows both at EU and global levels.

The position is within a team, whose focus is on sustainable production and consumption of woody-biomass. The sustainability aspects mainly relate to environmental sustainability (climate change mitigation potential and forest ecosystem health) but also touch upon the social and economic sustainability. The role of the job holder is to improve the knowledge of woody biomass supply, demand and flows both at EU and global levels along the whole supply chain, from the forest to products and their end-of-life. This includes analyses of the role that the forest-based sector can play towards a sustainable and circular EU bioeconomy, its possible contribution to climate change mitigation and the technical and economic competition and synergies among different uses of woody-biomass.

WE PROPOSE:

We offer a position as scientific officer with the duties of contributing to the work programme of the Unit related to the forest-based bioeconomy. In collaboration with in-house and external specialists, the successful candidate will:

- Further develop knowledge about the forest-based sector in the EU and globally. In particular on the supply chains (incl. value added and employment), on woody biomass flows, and innovative uses of wood;
- Assess wood-product markets, including emerging markets, and their impact on woody biomass supply, including spill-over and social and economic effects; and the assessment of environmental effects in collaboration with in-house experts;
- Assess the carbon sequestration and substitution potential of the forest-based bioeconomy in collaboration with experts, including assessments of forest management as well as developing approaches to quantify product substitution;
- Synthesise data, information and knowledge on specific topics in the form of scientific publications in peer-reviewed journals, international conferences, web content, data visualisations, briefs, newsletters, and reports to inform policy makers;

- Follow-up ad-hoc requests for data, information and advice from partner directorates of the European Commission, other European institutions, Member States and other stakeholders in collaboration with in-house and external experts.

WE LOOK FOR:

The successful candidate will have a PhD or least 5 years of experience in forestry, forest or wood engineering, forest economics or other related topics including environmental/natural sciences or environmental and resource economics or environmental engineering (sustainable natural resources).

He/She will also have demonstrated professional experience in:

- Assessment of the forest-based or bio-based sector (or value-chains), preferably related to construction, biochemicals, biofuels
- Knowledge of forest-based sector industrial processes, including by and co-products from these and their uses, preferably also knowledge of markets, prices and competition for these feedstocks.

The ideal candidate would have:

- Notions of econometrics ;
- Knowledge of carbon accounting in harvested wood products;
- Knowledge of a programming language (preferably Python or R);
- Knowledge of data analysis and automated data processing approaches
- A spirit of initiative;
- Excellent communication skills including drafting skills;
- The ability to prioritise and organise her/his daily tasks;
- A sense of responsibility and service culture
- Strong analytical and problem-solving skills
- The ability to collaborate with others within a multidisciplinary and multicultural research environment and with external contractors, and to handle high workload when necessary and deliver under pressure are essential.
- Ability to work independently and in a group

Excellent knowledge of oral and written English (C1 level) and a strong publication record is required.

INDICATIVE CONTRACT'S DURATION:

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

PLACE OF WORK:

Ispira (IT)

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

- (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.