

Technology R&D Engineer

Job Req ID: 14122

Closing Date: 02 January 2022

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 02 December 2021

Vacancy in the Directorate of Technology, Engineering and Quality.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. We therefore welcome applications from all qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, Netherlands

Description

Technology R&D Engineer in the Technology Coordination and Planning Office, Directorate of Technology, Engineering and Quality (TEC).

Duties

As a Technology R&D Engineer, you will report to the Head of the Technology Coordination and Planning Office and be responsible for contributing to:

- the implementation and evolution of processes providing planning and coordination on technology across the Agency and with external stakeholders, including ESA Member States, the EU and industry;
- providing support for EU matters related to technology, the coordination of Competence Domains and general interaction with ESA Member States and industry, where you will pay particular attention to supporting the establishment of common approaches across the Directorate. In doing so, you will interface with people at various levels inside and outside the Agency.

You will contribute to the work of the Technology Coordination and Planning Office, which has the following roles and responsibilities:

- managing the Technology Harmonisation process at European level, mapping needs and capabilities and elaborating roadmaps agreed by national and European institutions and industry, together with monitoring implementation;
- acting as Chair of the Technology Harmonisation Advisory Group (IPC THAG) and serving as the secretariat for of the Technology Advisory Working Group (IPC TA-WG);
- leading the coordination with the European Commission and the European Defence Agency on Critical Space Technologies for European Non-Dependence; and leading coordination with the EU on technology matters;
- leading the implementation of the Agency-wide process for management of technology development within ESA, serving as the secretariat for various working groups and the TECNET Chairs Forum;
- adapting the Agency-wide technology management process as required to improve efficiency and use, including any supporting tools;
- monitoring implementation of agreed work plans and leading the evaluation of technology development results at aggregate Agency level;

- supporting the Director in the overall coordination of Competence Domains; providing the TEC liaison with the Industrial Policy Committee (IPC); coordinating TEC's input to Member State and industry bilateral meetings at various levels and providing an overview of TEC interaction with Member State delegations;
- working closely with the Industrial Policy & SME Division, coordinating TEC interaction with industry at various levels and supporting any related coordination;
- being TEC representative for internal networks and for activities related to the above responsibilities;
- contributing to the dissemination of the results of activities performed and knowledge transfer across the Agency.

Technical competencies

Knowledge of the ESA institutional framework, and of the European and international space sector (institutional, commercial and/or industrial)

Understanding of the Agency's core business and structures and relationship to other Space Agencies

Understanding of space systems and technology

Experience in technology management and/or project management

Deep understanding of the harmonisation process and its stakeholders

Deep understanding of EU Framework Programmes and space technology activities

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A master's degree in engineering or management is required.

Additional requirements

A good knowledge of the European Union's role in space technology matters would be an asset.

Experience working in different environments, including industry and/or on international projects.

Solid communication skills and the ability to interface and network with people at all levels.

High levels of self-motivation.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.

The Agency may require applicants to undergo selection tests.

The closing date for applications is 2 January 2022.

At the Agency we value diversity and we welcome people with disabilities. Whenever possible, we seek to accommodate individuals with disabilities by providing the necessary support at the workplace. The Human Resources Department can also provide assistance

during the recruitment process. If you would like to discuss this further please contact us email contact.human.resources@esa.int.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada, Latvia, Lithuania and Slovenia.

According to the ESA Convention, the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States*. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented or balanced Member States*.

(<https://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.

*Member States, Associate Members or Cooperating States.