

EUROPEAN SPACE AGENCY**Directorate of Technical and Quality Management**

The European Space Agency is an equal opportunity employer
and encourages applications from women

TITLE System Engineer in the Clean Space Office, Systems, Software and In-Orbit Demonstration Department, [Directorate of Technical and Quality Management](#).

GRADE This position is classified in the A2/A4 grade band of the Coordinated Organisations' salary scale.

This position forms part of ESA's Advance Recruitment Scheme which is established to provide appropriate staffing resources when requirements materialise. Appointments are therefore made for an initial duration of two years, after which the selected candidate may be appointed to a permanent post at the Agency.

LOCATION ESTEC, Noordwijk (Netherlands).

DUTIES The postholder will be assigned to the Clean Space Office. This Office is responsible for identifying and developing activities related to eco-design, green technologies, debris mitigation and debris remediation, in order to support future space activities while protecting the environment.

Under the direct authority of the Head of the Clean Space Office, the duties will include the following:

- conducting system engineering activities for related projects and technology developments;
- providing support to projects in the relevant domains;
- in close cooperation with the Directorate's technical specialists, identifying and planning the implementation of R&D technology development activities in the domains covered by the Clean Space Office, preparing the related roadmaps and managing the implementation using a multi-disciplinary project approach;
- ensuring the coherence of the Office's technology development activities, in coordination with potential users of the technologies, such as ESA programmes and industry;
- analysing, defining and specifying mission concepts covering all segments (platform, payload, ground) through internal and industrial studies in the domains covered by the Office;
- contributing to the dissemination of the results of the activities performed and the transfer of knowledge across the Agency;
- providing support to the Directorate's activities as required within the field of competence.

The postholder will work in close cooperation with the Directorate's engineers, project engineers and external experts.

QUALIFICATIONS Applicants for this post should have a Master's degree or equivalent qualification in an engineering domain and a background in spacecraft systems engineering.

Knowledge of the domains covered by the Clean Space Office and of the industrial landscape in those domains would be an asset.

Candidates should have good interpersonal and communication skills. They should have the ability to work autonomously, effectively and cooperatively in a diverse and international team environment and to define and implement solutions in line with team and individual objectives and project deadlines. In addition, they should have good analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

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

CLOSING DATE The closing date for applications is **14 August 2014**.

Applications from external candidates for this position should preferably be made [online](http://www.esa.int/careers) from the ESA website (www.esa.int/careers). Those unable to apply online should submit their CV to the Head of the ESTEC Human Resources Division, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply for this position should fill in the [Internal Application Form](#) and email it to Apply2ESTEC.

The Agency may require applicants to undergo selection tests.

Under ESA Regulations, the age limit for recruitment is 55. Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada.

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.

Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

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.