

## Vega Launch System Engineer

**Job Req ID:** 12603

**Closing Date:** 6 July 2021

**Publication:** External Only

**Vacancy Type:** Permanent

**Date Posted:** 22 June 2021

Vacancy in the Directorate of Space Transportation.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. For this purpose, we 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

ESRIN, Frascati, Italy

### Description

VEGA Launch System Engineer in charge of the launcher-to-ground interfaces and launch campaign operations qualification, Vega and Space Rider Launch System Engineering, Flight Programmes, Space Transportation Directorate

### Duties

You will be responsible for:

- following-up of industrial activities on launch campaign operations definition and validation, contribution to anomalies treatment, and implementation of complementary developments for competitiveness improvement;
- maintaining the Launch System Operational Products qualification, ensuring consistency between Launch System Definition and Operations Engineering;
  - o Custodian of Launch Vehicle-to-Ground Segment Interface Specifications
  - o Custodian of Launch System Operational Requirements (SMO)
- supporting the preparation and execution of the VEGA-C maiden flight launch campaigns;
- supporting the Independent Verification of VEGA C Exploitation HLR and contributing to the maintaining of VEGA C Launch System Master File as far as Launch campaign operations and launcher-to-ground interfaces are concerned;
- managing the specification and validation of the Vega-E operational concepts, in particular through :
  - o the completion of Launch System trade-offs
  - o the elaboration of Launcher-to-Ground Segment IRD and ICD
  - o the elaboration of Test Plans for Combined Tests and Qualification Launch campaign
  - o the definition of Tests Specifications
  - o the elaboration of Tests Synthesis

- supporting the preparation of Vega-C/E exploitation.

### **Technical competencies**

System engineering

Multidisciplinary knowledge of area of responsibility

Knowledge of industrial costs and schedule aspects

ESA Space systems development, verification and review processes and standards

Launch campaign operations

### **Behavioural competencies**

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

### **Education**

A Master's degree in engineering is required for this post.

### **Additional requirements**

Five years of direct system-level experience in launch campaign operations for space transportation systems in industry or in ESA Programmes is considered an asset

### **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.

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](mailto:contact.human.resources@esa.int).

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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 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.

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