

# Job Title: Vega Operational Launch System Project Manager and Vega-C Launch System Architect

Req ID 1782 - Posted 03/08/2017



## EUROPEAN SPACE AGENCY

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. Applications from women are encouraged.

### Post

#### Vega Operational Launch System Project Manager and Vega-C Launch System Architect

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

### Location

ESRIN, Frascati, Italy

### Description

Vega Operational Launch System Project Manager and Vega-C Launch System Architect in the Vega Operational Launch System Project, Vega Exploitation Programme, Launchers Exploitation Department, Directorate of Space Transportation.

### Duties

Under the authority of the Vega Exploitation Programme Manager the duties of the Vega Operational Launch System Project Manager and Vega-C Launch System Architect include:

- Managing selected LEAP Vega activities, in particular those relevant to launch system anomaly treatment, obsolescence, detailed flight analysis, sampling/testing;
- Launch system qualification, including delta qualification activities (e.g. resolution of qualification reservations, treatment of robustness issues, compliance with safety requirements) and the management of the evolution of the Vega Launch System qualification certificate;
- Assessing Arianespace requests for changes in the design of the Vega Launch System and representing the Agency in any boards deciding on changes to the Vega Launch System which call into question its qualification;
- Managing the specifications, including interface requirements, of the Vega Launch System, from definition to verification of new requirements deriving from changes of the qualified configuration;
- Supporting the preparation of Vega-C exploitation, including in establishing Vega-C exploitation cost files related to its transition and stabilized phases
- Managing the definition, design, validation of the Vega-C operational concept;
- Managing the definition, design and validation of the Vega-C Launch Base (Ground Proximity Means, Ground Support Means, Launch Range) and relevant timely implementation in line with the Vega-C schedule;
- Contributing to Vega-C Launch System definition, design, verification and validation, in particular through:
  - the definition, design, verification and validation, and synthesis of the Vega-C Launch Vehicle-to-Launch Base and Launch Base-to-Payload Requirements and Interfaces;
  - the preparation and conduction of the Vega-C combined tests and maiden flight qualification campaign;
- Ensuring the coordination and the consistency of the Vega-C launch system adaptations with Vega launch system exploitation needs;
- The systematic exhaustive reporting of the status and criticalities of the activities in the domain of responsibility, for:
  - weekly management meetings with line management;
  - reporting meetings with upper management;
  - reports to ESA decision-making bodies.

### Technical competencies

Multi-disciplinary knowledge of area of responsibility  
Knowledge of cost and schedule aspects related to area of responsibility  
Knowledge of other technical domains with interfaces to own area of responsibility  
Space system development and PA standards  
Complex project risk management processes  
ESA and industrial development, verification and procurement processes

### **Leadership competencies**

Acting as a role model  
Promoting diversity  
Driving performance  
Developing & motivating people  
Fostering cooperation & effective team-working  
Strategic vision & business context  
Leading change

### **Behavioural competencies**

Results orientation  
Problem solving  
Planning & organisation  
Responsible decision-making  
Communication  
Teamwork

### **Education**

Applicants should have a Master's degree or equivalent qualification in engineering or physics, with a minimum of ten years system-level experience in space transportation.

### **Additional requirements**

### **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 7 September 2017.**

If you require support with your application due to a disability, please 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 and Slovenia.

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.