**HE Space** is a successful international space company. For over 30 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a Ground Segment System Engineer to support our customer in Germany.

**Ground Segment System Engineer**

**Key Tasks and Responsibilities**

As part of the in the System Engineering and Project Division (SEP) of the Technical and Scientific Support Department (TSS), the Ground Segment System Engineer will work in the Ground Segment System Engineering team (GSSE), supporting the requirement management, design, development and implementation of the ground segments of the Copernicus missions. You will have the following responsibilities:

- Participate in the system engineering processes for managing requirements through the lifecycle of ground segments, using formal methods and tools (e.g. DOORS) for maintenance, traceability, verification and validation of requirements;
- Support the technical analysis of the architecture and specifications of major upgrades of ground segments, in order to ensure coherence and compatibility with other ongoing developments and identify impacts on baseline technical documentation;
- Contribute to maintaining the reference architecture of the overall ground segment through the assessment of relevant technologies and design options, based on a Model Based Engineering approach;
- Support the definition of the Integration Verification & Validation (IV&V) approach and the related tests for evolutions of existing systems and installation of new systems;
- Support the maintenance of a complete and consistent set of system level documentation and drawings;
- Preparing and providing support to the day to day operation and maintenance of the Copernicus S-3 ground segment, including the handling of the anomalies raised during the operation of the system and control of changes.

**Skills & Experience**

You will have the following qualifications and relevant experience:

- University degree (or equivalent) in system engineering or other relevant discipline;
- Strong experience in System Engineering for the development, or major upgrades, of Ground Segments for Earth Observation missions;
- Software development lifecycles, system testing for Earth Observation systems and knowledge of the Ground System Engineering processes and standards i.e. ECSS;
- Experience in the support to the operations and maintenance of Ground Segments;
- Definition, management and traceability of requirements structure with the support of dedicated tools (e.g. DOORS);
- Background in data processing or control systems engineering, initial experience in testing, integrating, verifying and/or validating data processing ground systems or equivalent;
- Good analytical and interpersonal skills;
- Fluency in English is mandatory; knowledge of another European language is an advantage.

This job is located in Darmstadt, Germany. We welcome applicants who are available from August 2016 (or as soon as possible thereafter).

If you think you have what it takes for this job, please send us your CV together with a letter of motivation (both in English and in Word) to Ms Veronika Horvath at jobs@hespace.com, quoting job DED-3109 before 25-Jul-16.

An exciting and dynamic international working environment awaits you!