



EU-RISE
EUROPEAN ROBOTICS FOR SPACE ECOSYSTEMS

The EU-RISE Project

European Robotics in Space Ecosystems

With EU-RISE, Europe aims to analyze the market for ISAM services, create demo scenarios, and foster open-source processes for ongoing innovation.

EU-RISE is a 24 month research & innovation action funded by the European Union. The project draws upon the maturation of space robotics that has paved the way for new capabilities for in-space servicing, assembly and manufacturing (ISAM). These capabilities offer significant business opportunities and promise to increase the efficiency and resilience of the orbital infrastructure.

EU-RISE has two distinct goals: First, to undertake a market analysis of in-space services, in-space assembly and manufacturing, and related domains, and develop two reference scenarios that will be analysed and used to define an end-to-end demonstration scenario. Second, to use the demonstration scenario to mature the building blocks and relevant robotic elements, and to establish an open-source process for the continuing maturation of these building blocks.

EU-RISE contributes to Europe's positioning as a leader in the global space industry. The establishment of a European ISAM capacity and defining the future space ecosystem will have a significant impact. By developing and implementing these new capabilities, Europe can maintain its competitiveness on the global stage, create new jobs, and drive economic growth through increased investment in the space industry. Furthermore, the development of a sustainable space ecosystem will have a positive impact on the environment, reducing the amount of waste and pollution in space and contributing to a more sustainable and cleaner space environment.



8 partners, 7 countries



24 months duration



2.3m EUR budget

More information: www.eu-rise.space
EU-RISE on LinkedIn: www.linkedin.com/company/eu-rise



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the European Union