

Executive Summary

Making Earth observation from space more available to businesses and public services.

Domino-E aims to solve key challenges of accessibility to Earth observation imagery by implementing technology, which allows end users to address a variety of acquisition assets by having access to multi-mission observation data.

The project will implement a multi-mission and multi-layer federation system, which improves user experience through cognitive assistants, scheduling, and optimization algorithms. This innovative federation layer supports the paradigm shift in the space industry, with a focus on the needs of the end customer. It also enables the EU space industry to take advantage of the emerging data-driven space market. Thus, DOMINO-E contributes to independence in the development of Earth observation technologies, while at the same time fostering European competitiveness by supporting SMEs in the development of multi-mission services.

Within the project, a market analysis will be conducted to assess the commercial prospects of the multi-mission federation approach. The analysis focuses on aspects regarding customer acceptance, the industry's make-or-buy strategy, and the competence of SMEs.



Domino-E is a 36 month project.



Domino-E is an EU funded project solving the issue of availability and reactivity of Earth observation data. It enables multi-mission accessibility in a scalable and affordable way.



Domino-E unites 8 partners from 6 different countries under the coordination of Airbus Defence and Space SAS.



Domino-E receives an EU funding contribution of 2.4 million euro.