

A stylized illustration of a solar system on a dark blue background. At the top left is a large yellow sun. Several planets of various colors (orange, blue, red, yellow, cyan) are shown on elliptical orbits. A satellite is depicted in the center. The text 'eur PLANET 2024' is in the top right, with 'Research Infrastructure' below it.

eur  **PLANET 2024**
Research Infrastructure



What role for Europlanet in the future European Space Industrial Landscape? The Benelux Hub view

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Benelux hub objectives

Promoting the Space Sciences towards the BENELUX public by the organization of networking events and outreach activities

Stimulating the interest of the general public and of young people in the space sciences domain and careers by organizing scientific and industrial workshop

Connecting Science and Space business, by creating an open, collaborative environment in which the spaces sciences community can enjoy the free exchange of ideas as they grow together to continue to support space exploration .

Facilitating the exchange of information in order to optimize the conditions around the development of space science activities in the Benelux

Supporting Involvement of scientific community in planetary missions and ground-based observation campaigns



Benelux hub current assets

- Space pole (be)
- Vlaams Ruimte Industriel (be)
- Wallonie Espace (BE)
- GLAE (LU)
- 3 ESA Business Incubation Centers
 - ESTEC (NL)
 - REDU (BE)
 - Antwerpen (BE)

How to integrate Europlanet activities in these networks without redundancies





Benelux hub view

1. **To avoid redundancies** with other networks (ESA BICs, Belgian and Luxembourg Space clusters)
2. **To improve** synergies between **Scientific institutes, academic structures and current Industrial clusters**
3. **To integrate Europlanet** in the new approach for exploitation of space in the framework of planetary long term exploration

Envisaging to collaborate with ESRIC (LU), PRODEX Office (NL) and Europlanet association





- **ESRIC (European Space Resources Innovation Centre)**
 - is the first research, business and innovation center exclusively focused on the **utilization of space resources**. Ambitious, mission-driven research and applications
 - Of particular interest are also activities in the area of manufacturing, important enablers not only for long term exploration, but also in terms of **expanding the commercial sector towards in-space manufacturing**.
- **ESA PRODEX (PROgramme de Développement d'Expériences scientifiques)**
 - The main objective of the optional Prodex Programme is to **fund industrial development of scientific instruments or experiments**, proposed by Institutes or Universities in the participating Member States (17) that have been selected by ESA for one of its programmes in the various fields of space research, such as science, microgravity and Earth observation.
- **Europlanet Association**
 - New juridical structure of Europlanet (in the agreement phase) in the form of an AISBL under Belgian law. This new structure **will facilitate Europlanet to integrate European projects**



Interface between Industrial and scientific world

