

A stylized illustration of a solar system on a dark blue background. A large yellow sun is at the top left. 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. The 'eur' part is in a lowercase sans-serif font, and 'PLANET 2024' is in a larger, bold, uppercase sans-serif font. A small satellite icon is positioned between 'eur' and 'PLANET'.

eur **PLANET** 2024  
Research Infrastructure



# Impact Evaluation for Europlanet 2024

The story so far...

# Evaluation purpose

Assessing the effectiveness of the Europlanet Research Infrastructure for its user community

# Evaluation aims

- Describe intended outcomes and indicators of success for the access activities (Transnational and Virtual)
- Describe intended outcomes and indicators of success for the networking activities.
- Identify elements/features of access activities that act as contributors and barriers to their success.
- Identify elements/features of networking activities that act as contributors and barriers to their success.

# Impact areas (OECD)

- Scientific
- Technological
- Training & Education
- Economic
- Social & societal

# Strategic objectives

1. Be a national or world scientific leading RI and an enabling facility to support science
2. Be an enabling facility to support innovation
3. Become integrated in a regional cluster/ in regional strategies/ facilitate regional collaboration
4. Promote education, outreach and knowledge dissemination
5. Provide scientific support to public policies
6. Provide high quality scientific data and associated services
7. Social responsibility

# TA activities: data collected

- Periodic reporting form from TA facilities
- Post-visit feedback form
- Post-visit interviews

# Impact of TA activities

- Numbers of applicants: Call 1 (80, 40 funded); Call 2 (101)
- 30 planned publications, 40 planned presentations
- Research collaborations [bids, fellowships; expansion of TA programme (China, Korea)]
- Pan-African Planetary and Space Science Network
- Engagement with policymakers
- Some outreach/media engagement



# VA activities: data collected

- Spreadsheets
  - Metrics (quarterly) – visitors, users, services available
  - Other indicators (semi-annual) – collaborations, links, datasets, missions, publications

# VESPA

- Scientific impact – visitors to public website (100s); SSHADE registered users (230), visitors (nearly 1000); PVOL (425 registered contributors)
- Publications
- Collaborations/links – making VESPA system available; links with space agencies; involvement with international consortia; collaborative research projects
- Dedicated data sessions at conferences

# GMAP

- Scientific impact – users/visitors
  - Portal (~ 600/mo); Tools (Over 200 users since March); Tutorials (~100/mo.)
- Collaborations/links – H2020 projects; MOST; links with ESOC and EAC, Italian space agency
- Education/outreach: Virtual Planetary Mapping Winter School (Feb 2021)

# SPIDER

- Promotion of services to missions (BepiColumbo, JUICE)
- Conference sessions

# Machine Learning

- Scientific – conference presentations
- Portal active
- Collaborations – industry; research proposals

# Networking Activities: data collected

- Spreadsheets
  - Metrics and other indicators (around the OECD impact areas)

# NA1

- Support for expanded TA programme
- Industry database (groundwork for increased engagement with industry)
- EPSC2020 (and 2021) – also included engagement with industry, agencies and policymakers
- Pilot mentorship programme (education & training)
- Social media internship (Outreach/skills development)
- Europlanet Dinner Debate in European Parliament (autumn 2021) (policy engagement)
- Other collaborations related to education and outreach (online materials, teacher training)

# NA2

- Europlanet Telescope Network – many proposals to this
- Support of amateur astronomers
- Publications & presentations (scientific impact)
- Observational data (scientific impact)
- Splinter meetings at EPSC, other dissemination (education & outreach – amateur astronomers)
- Engagement with URS and females (social impact)



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# Case studies?