

Outcomes of the Dutch ELT/PCS and HWO Synergy Summit

The Dutch ELT/PCS and HWO Synergy Summit was a productive and well-attended event, fostering collaboration across the exoplanet research community. The workshop drew 40 participants on the first day and 50 on the second, with about half attending both days. This successful exchange brought together experts from NOVA, SRON, and other exoplanet-focused communities, as well as researchers specializing in ground- and space-based observatories.

Key outcomes and next steps include:

- **Development of an HWO technology roadmap program:** A core research team will be formed to lead this initiative. With a follow-up planned for 2025 to present a unified front at the HWO technology meeting in summer 2025.
- **Formation of the ELT/PCS science team:** Efforts will begin to create a dedicated team for the ELT/PCS project. This will start by creating a mailing list to coordinate PCS efforts. The goal will be to create a PCS science whitepaper at the end of 2025.
- **Proposed a future exoplanet mission session at NAC 2025:** The community expressed strong interest in organizing a special session at the Netherlands Astronomy Conference in 2025.
- **Broader institutional participation:** Representatives from organizations such as NWO, NSO, Cosine, TNO, and Airbus contributed to the summit, highlighting the broad engagement across the sector.

This summit marked a significant step forward in uniting the Dutch exoplanet research community and strengthening synergies between ground- and space-based initiatives.

Original funding request:

NOVA Funding request: **2500 euros**

Co-funding of the event:

NWO will provide 6000 euros through the Scientific Meetings and Consultations 2024 program.

SRON will provide 2500 euros for the meeting.

The requested amount of 2500 euro from NOVA would be 22.7% of the total budget.

Actualized costs

Total actualized costs according to invoices: EURO 8,582.95

SRON contribution + NWO 7.291,48

The SRON + NWO part will be paid by SRON.

NOVA contribution 1.291,47 (see attached invoice).

Needs to be paid by NOVA.