

Project Einstein Telescope

The underground Einstein Telescope will be Europe's most advanced observatory for gravitational waves. It will allow researchers to hear black holes collide and gain knowledge about the early universe. The Netherlands, Belgium and Germany are jointly studying whether to host this world-class observatory.

See <https://www.einsteintelelescope.nl/> for more info.

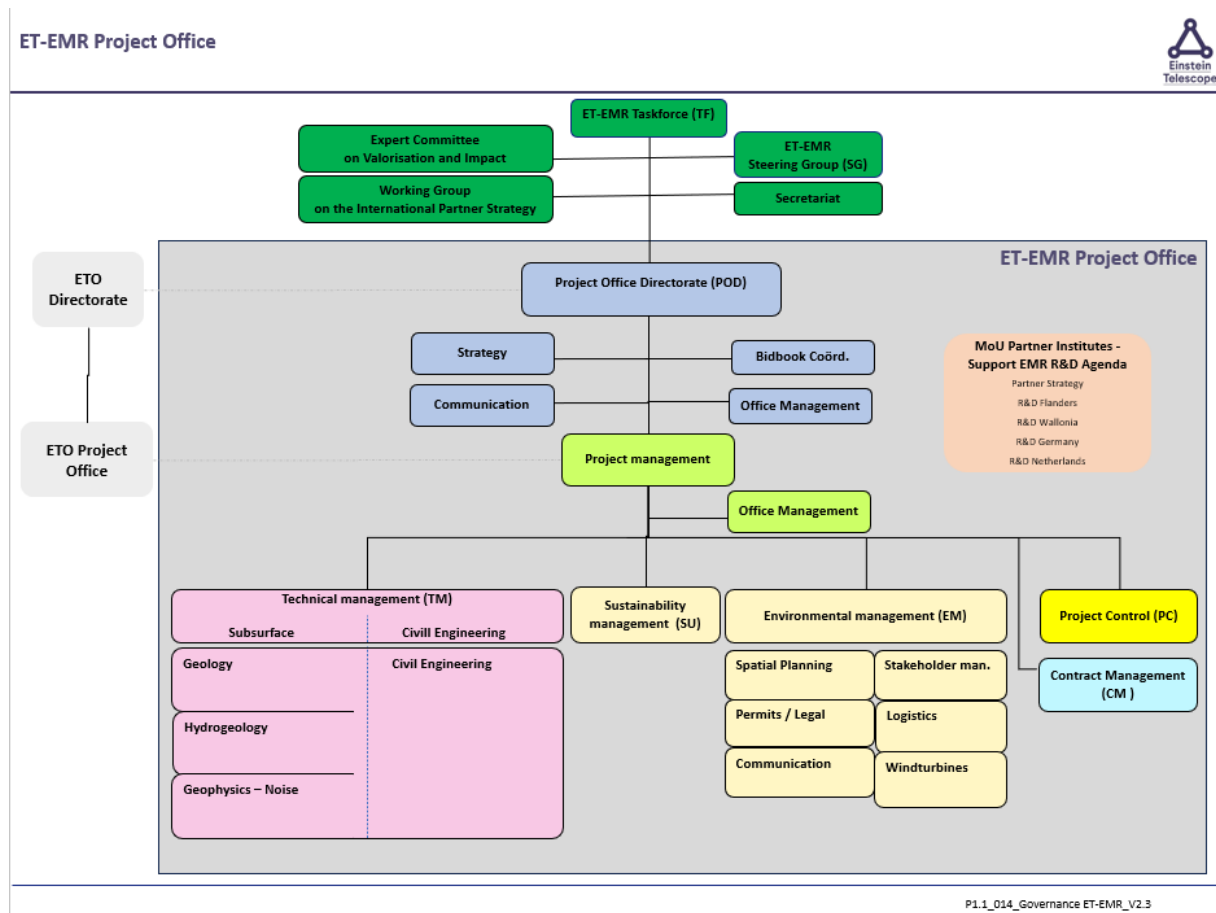
ET-EMR Project office (PO ET-EMR)

A joint candidacy of the Netherlands, Belgium and Germany requires good preparation. Therefore, many partners are working together and investigating the suitability of the subsurface, the network of interested companies and knowledge partners and the expected yield of the Einstein Telescope.

At the ET Ministerial Conference 26 September 2023 in Brussels, delegates from Belgium, the Netherlands and the German state of North Rhine-Westphalia agreed to prepare a bid book and form a joint consortium to establish the Einstein Telescope in the Meuse-Rhine Euroregion. The ET-EMR (Euregio Meuse-Rhine) Taskforce has been assigned several tasks, including preparations for the bidbook.

The PO ET-EMR is responsible for providing all feasibility studies (civil engineering, geology, environmental planning and costs) to realise the Einstein Telescope in the Meuse-Rhine Euroregion.

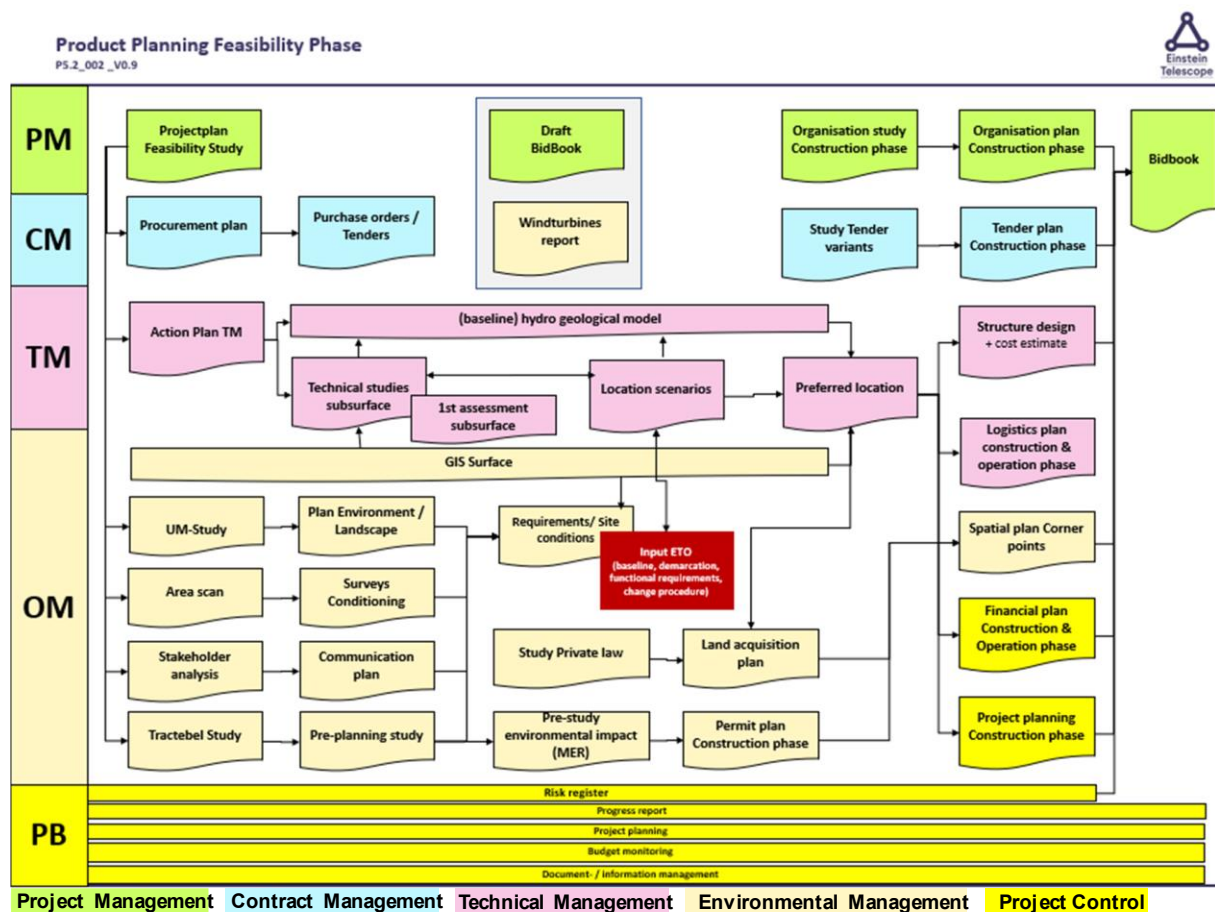
The ET-EMR Project Office started in January 2023. Below is the organisational chart of the ET-EMR Project Office. The Sustainability Manager will be member of the management team.



Sustainability Manager:

The Sustainability Manager for the Einstein Telescope feasibility phase in the EMR region plays a critical role in ensuring that the project's development aligns with environmental, social, and economic sustainability principles. This manager is responsible for integrating sustainability into the project's planning and execution phases. Key duties include conducting impact assessments, ensuring a sustainable imbedding in the environment, developing strategies to minimize carbon footprint, and promoting resource efficiency. The Sustainability Manager collaborates with stakeholders, including local communities, governmental bodies, and academic institutions, to address sustainability concerns and ensure compliance with relevant regulations. Additionally, the manager champions sustainable practices within the project team, driving initiatives such as for example green procurement and waste reduction. By balancing technological advancement with ecological stewardship, the Sustainability Manager ensures that the Einstein Telescope project contributes positively to the sustainable development goals for the regions and the project.

The Sustainability Manager secures the sustainability aspect in the products delivered from the other disciplines in accordance with the product schedule below:



Tasks:

The Sustainability Manager:

- will, based on experience, provide guidance and will decide on the approach proposed for sustainability of the Einstein Telescope.
- will prepare and implement a sustainability plan for the feasibility phase, based on proven methodologies.
- will have an advisory role in the development of MER dossier and environmental studies.

- will work closely with the contract, technical and environmental manager to ensure sustainability in the deliverables.
- will perform project management tasks, driving the different teams that will be involved in the sustainability subprojects and studies, and guard that they deliver in line with the project milestones.
- will be responsible for delivery of the sustainability deliverables in the project within the time and cost constraints.
- will report to the EMR Einstein Telescope Project Manager and Project Office on deliverables, budgets and risks.

Job requirements:

The Sustainability Manager:

- has a proven track record in projects that cover environmental and sustainability issues, showing active knowledge and experience.
- has experience in environmental regulations, certificates and legislation, e.g. CSRD, EU Taxonomy, CO2-prestateladder, BREEAM, EPD, Participatory Design, ISO 9001, ISO 14001, LCA, MER dossiers, Omgevingswijzer, Ambitiweb, GRO, etc.
- has broad knowledge on sustainability items, e.g. geology and hydrogeology, material recovery, energy, circularity of materials, CO2 neutral constructions, participatory design and environmental legislation.
- has proven experience in working in international and governmental environments.
- is able to discuss technical items with the engineers and researchers involved in the Einstein Telescope.
- Technical knowledge in aspects of the Einstein Telescope is a plus.
- has a Master degree in a relevant field.

Competences:

- Cohesive leadership: knows how to resolve contradictions between group members, knows how to turn individuals into a group, knows how to get parties to cooperate permanently, creates a 'we' feeling;
- Goal-oriented management: makes clear which objectives must be realised, knows how to get others behind formulated objectives, indicates how objectives must be realised, is consistent in his actions;
- Customer-oriented: takes into account the needs and interests of the customer/user and investigates the customer's wishes;
- Administrative sensitivity: has an 'antenna' for events that could affect the prevailing policy, anticipates political detrimental risks in a timely manner, properly estimates possible effects of own proposals on other organisations (or parts thereof);
- Networking: develops, maintains and exploits relationships and contacts, within and outside the organisation, to acquire information and cooperation. The aim is to embed the project well in the environment;
- Environmental awareness: takes relevant external developments and circumstances into account.
- Communicates orally and in writing in Dutch and English (command of French and German is an advantage);

Practical:

- Location: Project Office ET0-EMR, Duboisdomein 30, Maastricht (occasionally, if functional reasons require it: FWO, Leuvenseweg 38, Brussels)
- Duration: August 2024 – December 2026, 1 fte
- Client: Nikhef