



# **CERN - ET Coordination meeting**

## **Kick-off**

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Meeting 10-07-2024

# CERN – ET coordinator: mandate

- Provide a coherent view.
- Serve as a primary point of contact.
- Maintain a comprehensive overview of CERN's administrative procedures and commitments.
- Provide regular reports.

## ANNEX I - MANDATE

### CERN – Einstein Telescope coordinator

CERN and the Einstein Telescope (ET) projects have been engaged in collaboration since 2020, with the scope of this collaboration continually expanding. CERN's initial direct contribution involved the study of the Einstein Telescope's beampipe, and a new endeavour in civil engineering has recently commenced. The collaboration is further broadening its scope to encompass additional areas of interest such as underground safety, engineering, and data management

To provide a coherent view for both CERN management and the ET collaboration, it has been decided to establish the role of CERN-ET coordinator, who will serve as a liaison between ET and the various CERN departments/groups involved in the ongoing collaboration with ET.

The responsibilities of the CERN-Einstein Telescope Coordinator include:

- Serve as a primary point of contact between the Einstein Telescope project directorate and CERN. This does not preclude direct networking between the expert teams involved.
- Maintain a comprehensive overview of CERN's administrative procedures and commitments related to ET activities.
- Provide regular reports to CERN management and other pertinent entities on the status and progress of CERN's contributions to the ET project.

The ET Coordinator will ensure a streamlined process with direct and appropriate communication channels among collaborators and efficient information exchange.

# CERN – ET coordination: organisation

- Roles:
  - **Technical contacts** (or delegates, as defined in the various addenda) manage their corresponding contribution.
  - **Coordinator:** (1) provides an overall view of the CERN contribution, (2) serves as primary point of contact, (3) Maintain a comprehensive overview of CERN's administrative procedures and commitments, (4) provide regular reports and (5) organise “regular” coordination meetings with the Technical contacts of each addenda and ET counterparts.
- Monthly/Quarterly coordination meetings with ET counterparts.
- Annual general communication meeting with all contributors and ET counterparts.
- Annual steering meeting with ATS, SCE and HSE and ET management.
- Event based proactive communication

# CERN – ET: Overview

- ET is a collaboration between several laboratory and has no legal entity yet.
- ET is in the Preparatory Phase (ESFRI def.)

- CERN is collaborating with ET Organisation (ETO)

## EUROPEAN GOVERNANCE SET-UP



# CERN – ET: Overview

## Governance; European context

**Board of Governmental Representatives (BGR):**  
Platform of European ministries to set up an Interim Council to decide upon the procedure for site selection, the legal entity and the financial framework.

Board of Governmental Representatives

**Project - ET organisation (ETO):**  
Project organisation to prepare to build and operate the Einstein Telescope research infrastructure.

Project – ET organisation (ETO)



Site Organisations:  
ET-EMR and Sardinia

**Site Organisations:**  
Organisations to prepare a bidbook and a host consortium, based on site feasibility studies.

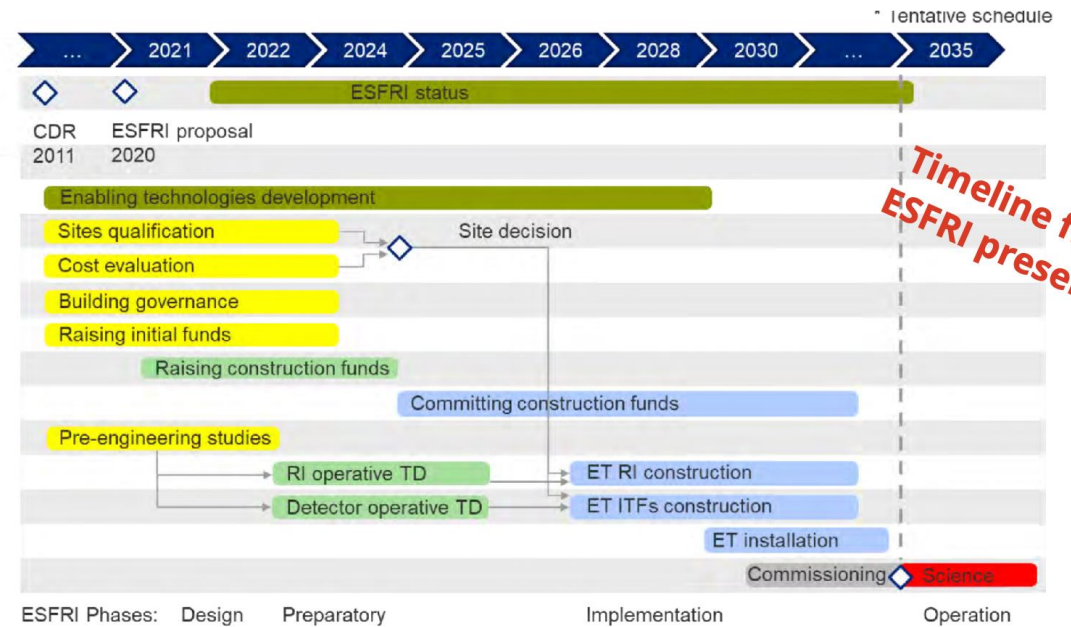
Science – ET collaboration

**Science - ET collaboration:**  
Collaboration of ≈1500 scientists defining the scientific goals and requirements.

Slide extracted from: <https://indico.ifae.es/event/1930/contributions/8302/attachments/2626/4111/ETcoord-2024-ETPP-06-17-v2.pdf>

# CERN – ET: Overview

- Current roadmap obsolete
- New ET roadmap being prepared



*Timeline from the ESFRI presentation*

- **Triangle vs 2L** still being debated....discussions going on if cost estimate of the two options should be done before site decision.
- New optical layout was produced for the triangle configuration and it is being cascaded to the detector infrastructure. It should be completed by September 2024. A similar process is being carried out for the 2L configuration...to be completed by December 2024.

# CERN – ET: Status

- **In progress:**
  - ET Vacuum Pipe -> Extension being prepared that will run until Q3 2027.
  - ET Civil Engineering
- **Being prepared:**
  - Engineering (with EN) and safety (with HSE) support for ET infrastructure.
  - ET Costing support.
- **Under preliminary discussion:**
  - ET Alignment and metrology.
  - ET Cryogenics.

# CERN – ET: ET Events

- **Past ET events:**

- XIV Symposium in Maastricht 6–10 May 2024: <https://indico.ego-gw.it/event/710/>
- 1<sup>st</sup> ET Organization plenary meeting in Amsterdam 27–28 May 2024 : <https://agenda.infn.it/event/41148/>
- ET-PP annual meeting in Barcelona 17-19 June 2024: <https://indico.ifae.es/event/1930>

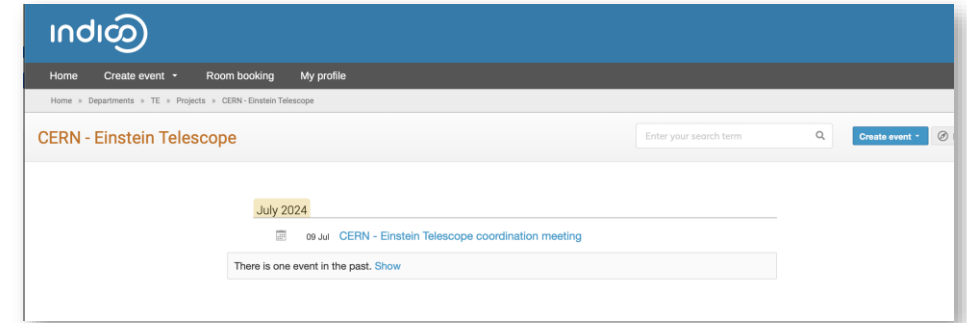
- **Forthcoming ET events:**

- 3<sup>rd</sup> ET Annual Collaboration meeting, November 2024.

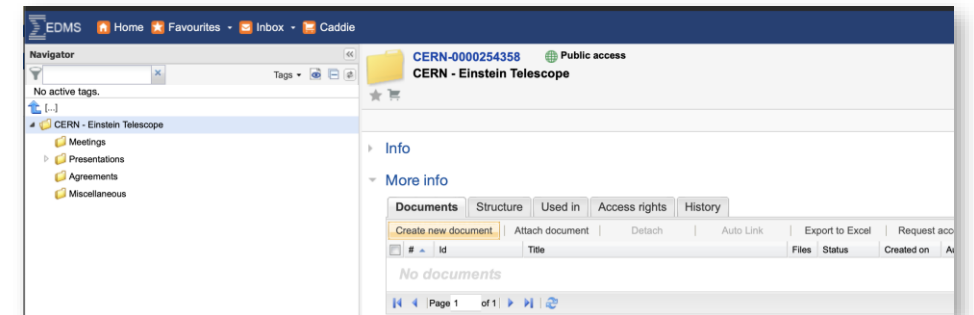


# CERN – ET coordination: Logistics.

- Meetings in Indico dedicated category



- Documents and minutes in EDMS



- Egroup for communications [CERN-EinsteinTelescope@cern.ch](mailto:CERN-EinsteinTelescope@cern.ch)



[home.cern](http://home.cern)