

EINSTEIN TELESCOPE



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Horizon Europe: Coordination
and Support Actions

SUMMARY of WP10 parallel session

WP10
Barcelona, 5-7/05/2026

WP10: Education, Outreach and Citizen Engagement

Lead Beneficiary: UW

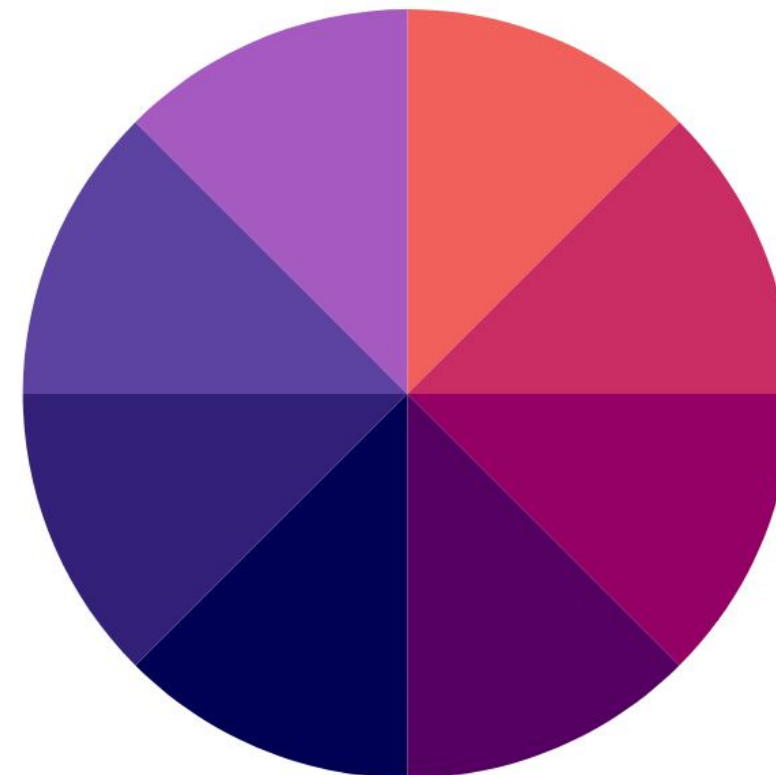
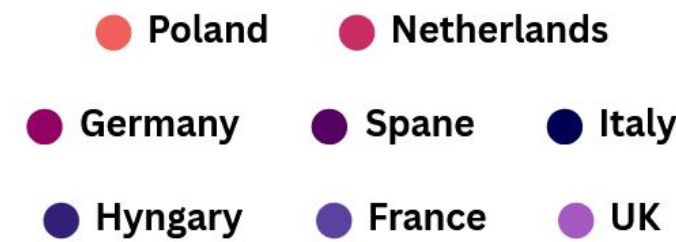
Contributors: INFN, IFAE, Nikhef, EGO, Wigner RCP, UCAR, UGLA,

Coordinators: Dorota Rosinska, Vincenzo Napolano

~40
people
contribute

~20
institutions

1/7
meetings min.
1/week



WP10: Education, Outreach and Citizen Engagement

TASKS

Task 10.1 Establish a network of communications and outreach points of contact, with robust procedures for gathering and disseminating news updates and outreach materials.

Task 10.2 Develop and maintain ET Consortium website and social media platforms, supported by high-quality multimedia materials.

Task 10.3 Develop strategic plan for ET Consortium engagement with the scientific community, funding agencies, politicians and other key stakeholders.

Task 10.4 Develop and deliver a comprehensive, sustainable mentorship and training programme for ET Consortium early-career researchers.

Sept '22 - Aug '23:

D10.1 (University of Warsaw)

Initiate strategic media and communications plan (report)

M10.1 (University of Warsaw)

Appointing comm/outreach officer



Sept '23 - Feb '25:

D10.2 (EGO) 24M: Launch consortium website and social media accounts

D10.3 (Nikhef) 24M: Formulate strategic media and communications plan

M21 (EGO) 24M: ET Consortium website and social media launched



March '25 - Aug '26:

D10.4 (IFAE) 36M: Complete bank of graphics and multimedia resources

D10.5 (UKRI) 44M: Launch ECR mentorship and training programme

M22 (UW) 44M: Mentorship and Training programme established



Previous reporting periods: deliverables and milestones summary

1st reporting period: Planting the Seeds

- 1-12 months

Sept '22 - Aug '23:

D10.1 (University of Warsaw)

Initiate strategic media and communications plan (report)

M10.1 (University of Warsaw)

Appointing comm/outreach officer



D10.1: Initiate strategic media and communications plan

- Sept 2023: Report on how we initiated WP10 group activities
 - preparatory actions, human resources
 - goals, target groups
 - initial action plan
 - key messages
 - comm tools
 - outreach materials
- Contributors: UW, UKRI, Nikhef, EGO, AEI

M10.1 Appointing comm/outreach officer

- Yuliya Hoika and Magda Jakubiak at UW



2d reporting period

Finding ET's Voice and Image

Building the Strategy

- 13-30 months

Sept '23 - Feb '25:

D10.2 (EGO) 24M: Launch consortium website and social media accounts

D10.3 (Nikhef) 24M: Formulate strategic media and communications plan






M21 (EGO) 24M: ET Consortium website and social media launched



D10.2: Launch consortium website and social media accounts

Aug 2024 >> Feb 2025

- Visual identity
- Web page
- Social media

 EinsteinTelescope
 einstein.telescope
 EinsteinTelescopeEU
 einsteintelelescope.bsky.social
 einstein-telescope

Einstein Telescope website homepage featuring a navigation bar with links: About ET, Newsroom, Get involved, Gallery, Contact us. The main banner reads: "Our understanding of the universe is about to change" with a link "Discover the Einstein Telescope". Below is a "Newsroom" section with three articles:

- 7 APRIL 2025**: Towards a report on the comparison of geometries for the Einstein Telescope
- 26 MARCH 2025**: ESA and ETO partner on cost estimation methodologies
- 23 MARCH 2025**: The Einstein Telescope thanks outgoing spokesperson team for years of leadership and vision

Einstein Telescope logo featuring a stylized 'ET' symbol and the text "EINSTEIN TELESCOPE".

Preparatory Phase for the Einstein Telescope Gravitational Wave Observatory

Deliverable 10.2
 Launch consortium website and social media accounts

Lead beneficiary: EGO
 Delivery Date: 31 August 2024
 Dissemination level: public
 Version: 1.0

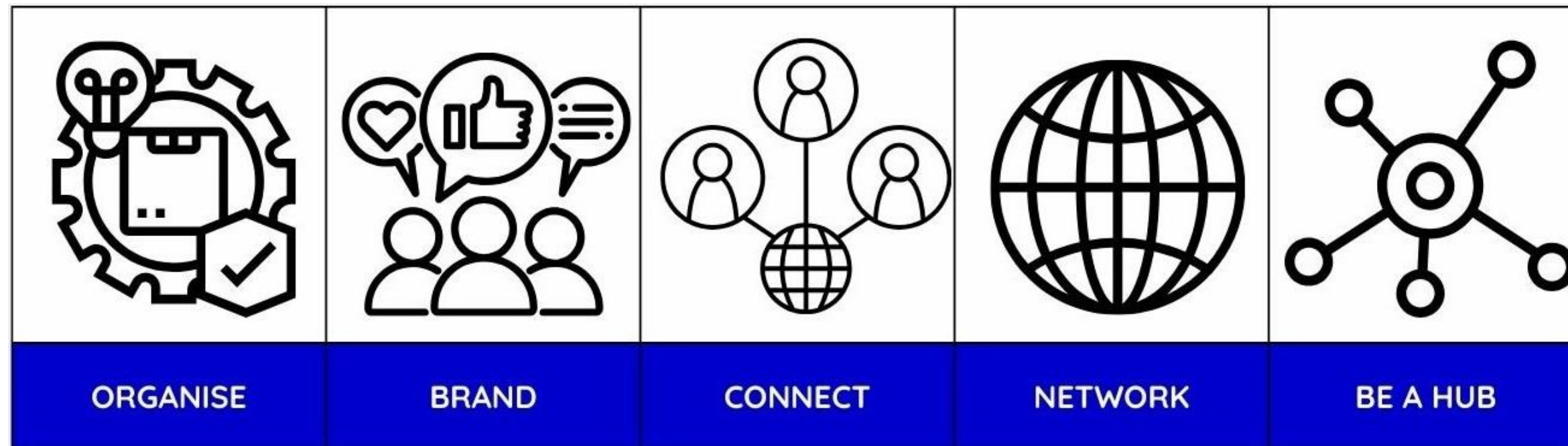
 This project has received funding from the European Commission Framework Programme Horizon Europe Coordination and Support action under grant agreement 101079696.

M21: ET Consortium website and social media launched

D10.3: Formulate Strategic Media and Communication Plan

v 1.0 Oct 2024 >> v 2.0 Feb 2025 >> v 3.0 Sept 2025

Module 11: Strategy in Practise; media overview for 2024-2025 (75 pages) + statistics from INFN



3d (current) reporting
period: deliverables and
milestones summary

3d reporting period: Equipping the Community

- 31-48 months

March '25 - Aug '26 >> Nov '26

D10.4 (IFAE) 36M: Complete bank of graphics and multimedia resources

D10.5 (UKRI) 44M: Launch ECR mentorship and training programme

M22 (UW) 44M: Mentorship and Training programme established



D10.4: Complete bank of graphics and multimedia resources

NEW

● Infographics

- cooperation with OSB members (conceptual/content input) and graphic designer
- will be **translated** into 8 languages
- Topics:
 - The Story of Gravitational Waves
 - Big Science, Big Business
 - Why ET Matters to Us All
 - Multimessenger Astronomy
 - Technologies of ET

Fundamental Physics with the Einstein Telescope

New scientific horizons
The Einstein Telescope (ET) will open new horizons for discoveries in astrophysics, cosmology, particle physics, fundamental physics and much more. With greater sensitivity and the ability to detect gravitational waves across a wider range of frequencies, ET will explore a larger portion of the universe than present detectors, and expand multimessenger observations.

Investigate the dark universe
Signals from the earliest moments of the universe can be studied to search for possible dark matter candidates. Today, we understand only about 5% of the universe – ordinary matter – while the remaining 95% consists of dark matter (25%) and dark energy (70%), whose nature is still a mystery. ET could help probe this vast unknown by studying the coalescence of primordial black holes or the clouds of ultralight bosons surrounding black holes.

Ultra-precise tests of general relativity
ET will test general relativity with unprecedented precision. Binary black hole systems provide the perfect cosmic laboratories to probe this theory under extreme conditions and to explore possible alternatives to gravity.

What is ET?
The Einstein Telescope (ET) is a third-generation gravitational-wave detector poised to revolutionise our comprehension of the universe and the fundamentals of gravity, while pushing the boundaries of technology. It builds on the successes of second-generation laser-interferometric detectors such as LIGO, Virgo and KAGRA.

Discovery of new sources of gravitational waves
Thanks to its unprecedented sensitivity, ET will detect signals never observed before: from exploding stars (supernovae) and rapidly spinning neutron stars to newly formed magnetars after cosmic collisions. It will even be able to pick up the faint "hum" made by the overlapping echoes of countless gravitational-wave sources across the universe – as well as signals from systems we haven't yet imagined.

Nature's most extreme laboratories
The true nature of merging compact objects remains an open question. ET will measure black hole vibrations and event horizon properties up to 100 times more precisely than current detectors, opening a unique window onto the most extreme environments in the cosmos.

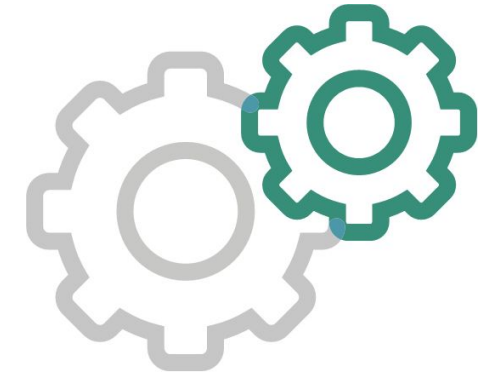
Signals from the first instants after the Big Bang
ET will push the frontiers of knowledge by looking deep into cosmic history and listening to the gravitational echoes of the Big Bang.

Funded by the European Union

Learn more about ET

D10.5: Launch ECR mentorship and training programme

MENTORSHIP: KEY STEPS COMPLETED



Screening

Collecting good practices and experience acquired in already existing ECR programmes

12 MTP have been analysed, including: LAAC, ECSC, GWECS, LECS, [Europlanet Early Careers network](#), [Mentoring@CERN](#), [Mentoring365 program](#) etc.



Scoping

Surveys:

- LIGO-Virgo-KAGRA Collaboration meeting, Melbourne, March 2025
- ET Symposium, Bologna, May 2025
- Amaldi / GR Conference (pre-conference ECR workshop), Glasgow, July 2025

Piloting

Undertaking pilot mentorship and training activities within the ET community

- Application forms created on ET webpage
- Dedicated mail created in ET supranational domain mentorship@einsteintelelescope.eu
- **Mentorship & Training Council** established (proto-Council including representatives from **ETC, ETO, ET-PP WP10**), including Early Career Support Committee (**ET ECSC**) and **ETC Communication & Education** representatives

Pilot launched: **25 Feb 2026**

Deadline to submit applications: **16 March 2026**

DISCUSSION

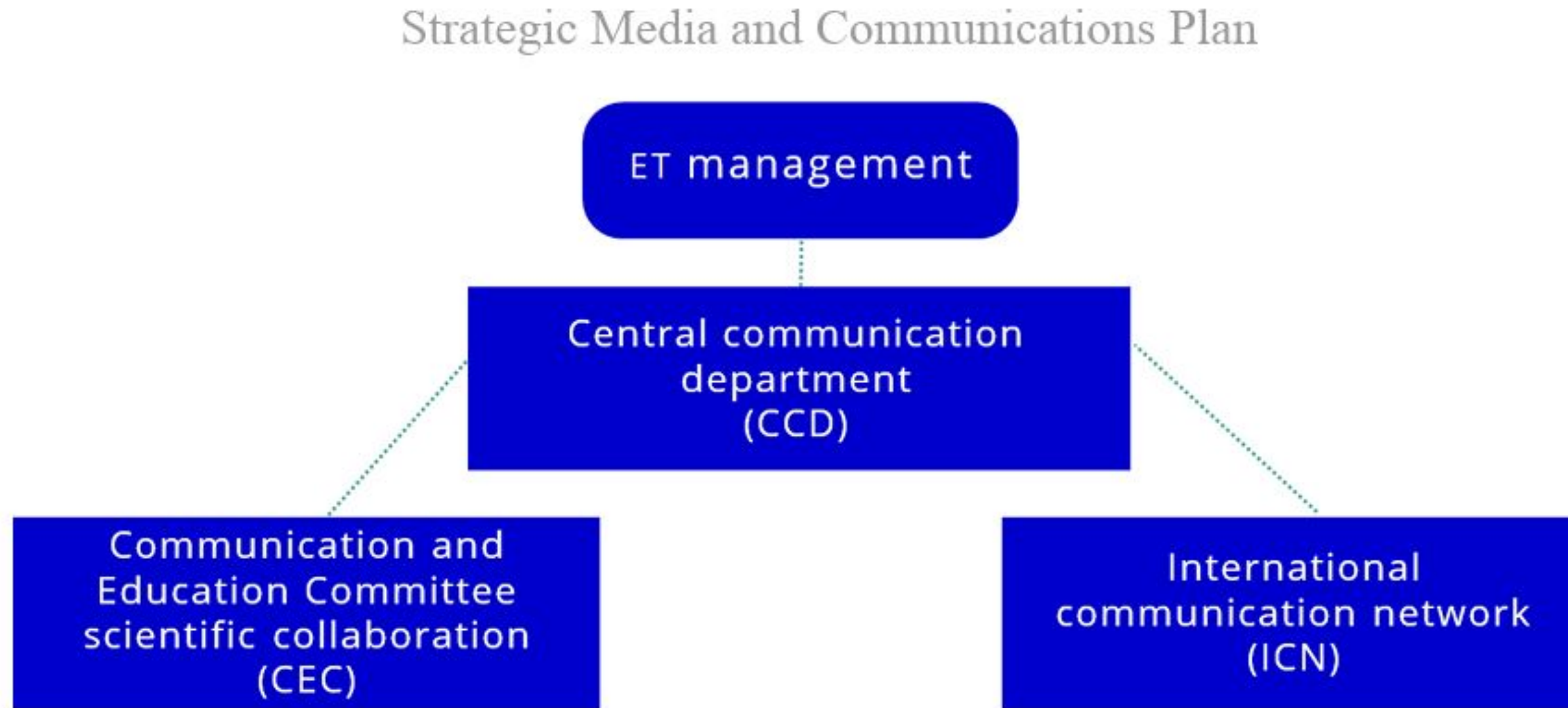


Figure 8: A proposal for the long term vision for organising communication with three main bodies³.

DISCUSSION

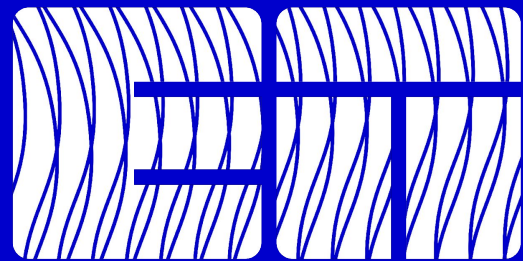
Key points of the discussion

- **Strategy documents: Three crucial ‘levels’**
- **ETO Comm. Office has a clear and already established leadership and coordination role.**
- **How to keep involved Comm people of the other ‘ET stakeholders’?**
- **How to reinforce and increase the ETO capacity?**
- **How to establish a continuous flow of ideas proposal, contents from ETC to communication?**
- **The sense of ‘vacuum’ after ET-PP.**

Outcomes

- **Possibly establish a network of comm professionals of the different Institutions/Stakeholders (EPPCN/CERN model)**
- **A Reinforcement of the ETC Comm and Education Committee is needed.**
- **Timing issue: to wait for a more structured organisation capable to coordinate and lead?**
- **Timing issue: some outside events could require timing communication and coordinated reactions!**
- **Can we setup a light platform coordination among comm professional of the involved Institutions?**

Thank you!



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