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Single Electronic Data Interchange Area (SEDIA)



SEARCH FUNDING & TENDERS

HOW TO PARTICIPATE

PROJECTS & RESULTS

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SUPPORT

Preparatory phase of new ESFRI research infrastructure projects

TOPIC ID: HORIZON-INFRA-2021-DEV-02-01

ET-PP status and meeting goals

M. Martínez

ET-PP annual meeting

17th June 2024



<https://etpp.ifae.es>



Outline

- Notes on Logistics
- Notes on ET-PP RP1 review (year 1)
- Status of Deliverables/Milestones
- Goals for this meeting
- Notes on third parties and budget



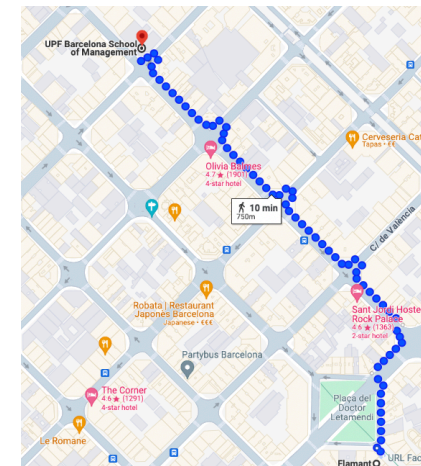
ET-PP is a project supported by the European Commission Framework Programme Horizon Europe Coordination and Support action under grant agreement 101079696

Logistics

- Wifi information in the agenda and in badge
- Zoom meetings for each room in the agenda
- Plenary Sessions in Auditorium
- Parallel Sessions in 402 and 403 (fourth floor)
- Coffee breaks will take place in the terrace — take the fast lift

- Dinner tonight at 20:30 PM
@ Restaurant Flamant [10 min walking]

<https://indico.ifae.es/event/1930/>



Notes on Y1 review process

- 12 months (end August 2023) review was recognised by EC officer as too early but served well us to understand and bring to surface that the evolution/dynamics of ET-PP WPs needs to change.
- **The timeline for Deliverables and Milestones were over-optimistic at the time of ET-PP submission** and realities translated into serious nominal delays
 - Forced us to postpone the Y1 review until mid December 2023
 - EC officers accepted delays on Y1 deliverables / milestones until October 2023
 - Despite of it some of the documents arrived last minute & we skipped one Milestone
- **Y1 review could go better** (see also next slides)
 - EC officer asked as for re-submission of some documents before formally closing the Y1 process
 - **We will have a special follow up session on early October 2024**
 - Some deliverables were missed —moved now already to next formal review taking place in Spring 2025
- **And we are accumulating again delays** for those deliverables beyond Y1
 - It is urgent to re-build the deliverables / milestones timelines (and then do not move them)
- **ETO Directorate will communicate formally with EC officer a new ET-PP timeline**
 - We have tentatively organised a F2F meeting in Brussels on July 9th
 - EC Officer is asking for a preview of the items to be discussed
 - **This meeting is fundamental to prepare meeting with EC officer based on our discussions today and tomorrow**

ET-PP burning items

- **ET-PP Data Management Plan (DMP)**

- EC officer expected a rather developed ET-PP DMP — well beyond a document indicating ET-PP delivers documents —> reviewed by EC DMP officers.
- **Task force was put place** involving all WPs to make an EC compliant DMP.
- New document sent in May 2024 — EC officer **finally accepted the new ET-PP DMP**

- **Site Characterisation**

- Missed one milestone and second one got postponed —> October 2024 review
- EC officers is expecting those documents to be in shape for R2 Review (March 2025)

- **Sustainability**

- Preliminary sustainability plan rejected — expecting much more developed document
- Energetic action is needed here to make sure ET delivers a credible sustainability plan
- **Everyone telling us this is very important**

Deliverables — RP1 + early 2024

Deliverable	Tile	Action/By	Follow up RP1	Status	Next revision
D1.1	Dissemination and Exploitation (D&E) Plan	OK	Resubmitted	OK	End ET-PP
D1.2	Data Management Plan (DMP)	OK	Resubmitted	OK	End ET-PP
D2.1	Report providing options for legal entity	OK	Resubmitted	OK	End ET-PP
D2.2	Minutes of meetings with EC and involved ministries	OK	OK	OK	End ET-PP
D4.1	Scan of legal procedures, permitting and land acquisitions	OK	OK	OK	End ET-PP
D7.1	Innovation plan	OK	OK	OK	End ET-PP
D10.1	Initiate strategic media and communications plan	OK	OK	OK	End ET-PP
D4.2	Updated socio-economic impact studies	30/11/2023	ETO asking a first draft by June	Mature draft by October 2024	
D9.1	ET Sustainable Development Implementation Strategy	29/02/2024	TBD	TBD	
D6.1	Refined Science Case	29/02/2024	ETC announced September 2024	September 2024	
D8.1	Computing and Data Requirements	29/02/2024	Submitted	Waiting for OK	

Milestones - RP1

Milestone number	Name	WP	Means of verification	Original due date	EC review	Action Item
2	Document detailing the site-specific characteristics that impact ET sensitivity and its duty cycle.	WP4	Report	30/11/22	Not achieved	Move to R2 period and report in October
9	Analysis of promotion strategies accomplished	WP7	Report.	30/4/23	Commented	Show updates on mini-review meeting on October 2024
20	Appointment of Communications and Outreach Coordinator	WP10	Appointment contract	30/4/23	OK	None
3	Common methodology to estimate impact of site characteristics on ET sensitivity and operation and, if required, a scheme to compensate it.	WP4	Report	30/6/23	Delayed	Move to R2 period and report in October
10	Engagement plan produced	WP7	Report.	30/6/23	Commented	Show updates on mini-review meeting on October 2024
8	ET Collaboration in place	WP6	ET Symposium	31/7/23	OK	None
12	Workflows Requirements collection and constraints: computing and data	WP8	Workshop (+D8.1)	31/7/23	Commented	Show updates on mini-review meeting on October 2024
17	Preliminary sustainability plan	WP9	Report.	31/7/23	Not achieved	Revision by October 2024
4	The recruitment of the Project Office team is completed.	WP5	Report	30/11/2023	OK	Done
11	Analysis of balanced industrial return strategies accomplished	WP7	Report	30/11/2023	Pending	Pending
18	ET Sustainability Workshop	WP9	Workshop+ Report	29/02/2024	OK	Done

Looking into 2024 - PO/ED

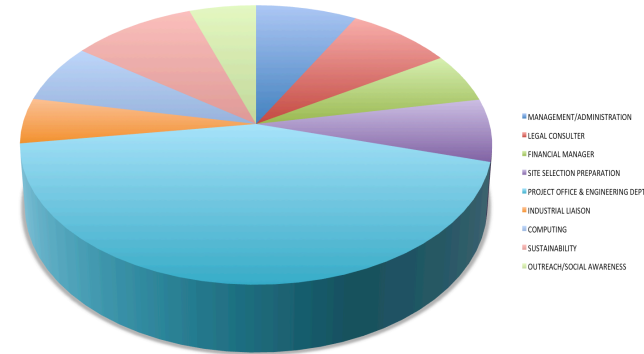
WP	N in WP	Name	LB	Type	Dissemination level	Due date (month)	Date	Status
5	D5.1	Structure and mandate of the Project Office	CNRS	R	PU	25	30/09/2024	
5	D5.2	Functionalities required from the tools in support of the project management	CNRS	R	PU	25	30/09/2024	
5	D5.3	Structure and mandate of the Engineering Department	CNRS	R	PU	25	30/09/2024	
5	D5.4	Funcional Engineering Department	NIKHEF	R	PU	28	31/12/2024	
5	D5.5	Funcional Project Office	INFN	R	R	28	31/12/2024	

2024 will be a very intense year with increasing numbers of milestones (8) and deliverables (15)

All 5 deliverables from WP5 in Fall 2024

PO/ED Hiring process well advanced as part of the ETO structure

Position	Institute	Status
System engineer	NIKHEF (in-kind)	Hired
Parameter, Layout & Risks	CNRS	Hired
Software engineer	CNRS	Hired
Vacuum engineer	CNRS	Hired
Civil engineer	NIKHEF	Hired
Technical infrastructure engineer	INFN	Selection in progress



What is coming in next months

WP	N in WP	Name	LB	Type	Dissemination level	Due date (month)	Date	Status
4	D4.2	Updated socio-economic impact studies	NIKHEF	Report	PU	15	30/11/2023	TBD
6	D6.1	Refined Science Case	INFN	Report	PU	18	29/02/2024	Sept 2024
8	D8.1	Computing and Data Requirements	IFAE-BSC	Report	PU	18	29/02/2024	OK
9	D9.1	ET Sustainable Development Implementation Strategy	EGO	Report	PU	18	29/02/2024	Sept 2024
4	D6.2	Vacuum pipe Design	INFN	Report	R	24	31/08/2024	
4	D6.3	Preliminary RI TDR	INFN	Report	R	24	31/08/2024	
4	D6.4	Preliminary DET TDR	INFN	Report	R	24	31/08/2024	
9	D9.2	ET Environmental impact assessment and mitigation strategy	EGO	Report	R	24	31/08/2024	
10	D10.2	Launch consortium website and social media accounts	UW	Report	R	24	31/08/2024	
10	D10.3	Formulate strategic media and communications plan	UW	Report	R	24	31/08/2024	
4	D4.3	Complete quantification of all the aspects impacting the ET performance.	UW	Report	R	28	31/12/2024	

2024 will be a crucial year for ET-PP with the deliverable of very important documents

—> Strong coordination is needed —> we will discuss the new plans and timelines to be communicated with EC Officer

Looking ahead (Milestones)

Milestone number	Name	WP	Lead beneficiary	Means of verification	Due date	Status
4	The recruitment of the Project Office team is completed.	WP5	CNRS	Report	30/11/2023	OK
5	All three documents (WP5-D5.1, D5.2 and D5.3) are published.	WP5	CNRS	Report.	30/9/2024	
6	The Engineering Department as a functional unit complete	WP10	NIKHEF	Report	30/11/2024	
7	The Project Office as a functional unit complete	WP4	INFN	Report	30/11/2024	
11	Analysis of balanced industrial return strategies accomplished	WP7	INFN	Report.	30/11/2023	Delayed
13	Computing Infrastructures availability for ET workflows, characteristics	WP8	IFAE-BSC	Workshop (+ D8.1)	31/08/2024	
18	ET Sustainability Workshop	WP9	EGO	Workshop + Report	02/09/2024	Done
21	ET Consortium website and social media launched	WP9	UW	Public Launch	31/08/2024	

ET-PP F2F meeting (17th - 18th June @ BCN)



ET-PP INFRA-DEV Annual Meeting

17-18 June 2024
UPF Barcelona School of Management - Barcelona
Europe/Madrid timezone

Overview

Venue

Timetable

Registration

Registration Instructions

List of Participants

Accommodation

Travel Instructions

For Speakers

Remote Connections



The [ET-PP INFRA-DEV](#) Annual Meeting will be held from 17th to 18th June 2024 in Barcelona, hosted by the Institut de Física d'Altes Energies (IFAE). The [venue](#) is the UPF (School of Management) Campus in Barcelona city centre.

The coordinators of the different ET-PP work packages, the coordinators of the ET boards, and the members of the ET governing boards and other ET key actors will meet to report on the status of the ET-PP activities and define the plan for the following months.

Sponsored by IFAE

AGENDA for the F2F meeting & Goals

TODAY - MONDAY

- * Short reports on the different WPs
 - * Plan for 2024 Deliverables/Milestones
 - * Understand the scope of documents
- * Dedicated discussions on topics in parallel sessions
 - * Industrial Returns
 - * Sustainability

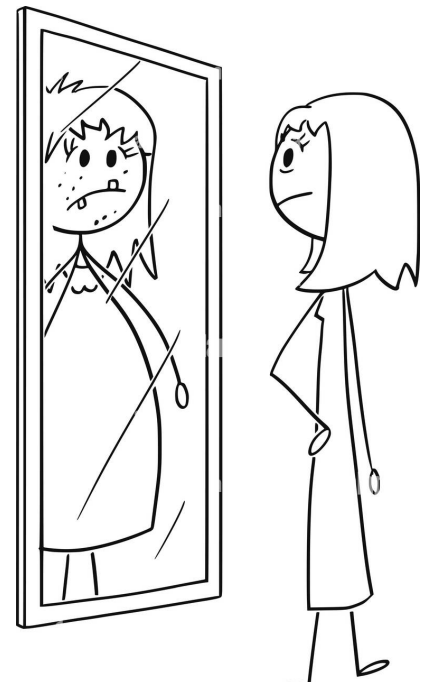
TOMORROW - TUESDAY

- * Dedicated discussions on topics in parallel sessions
 - * ET Governance, Legal Entity, Financial Model
 - * Communication
 - * Computing
 - * Site Characterization
- * Discuss ET-PP projet timeline vs ET roadmap
 - * Input to our discussion with EC officer
- * Report from Parallel Sessions
- * Closeout

<https://indico.ifae.es/event/1930/>

Goals for this meeting

- We had an intense (almost) 2 years of the ET-PP project
 - With significant delays we tried to meet the requirements for 2023
 - RP1 (year 1) EC review of ET-PP was a wake-up call for giving ET-PP documents the required importance
 - EC put us in front of the mirror
 - > Originally we were too optimistic in the ET-PP planning in some aspects
 - > ET project is such that required more time and better organisation
 - Need to re-baseline some of the deliverables / milestones in consultation with EC
- 2024 is rather intense in all fronts
 - 8 Milestones and 15 Deliverables to be met
 - Should be regarded as the year for ETO - Project Office/Eng. Dept. consolidation
 - The year for producing preliminary documents on for RI and ET-Detector tech. Designs
- We have two F2F days to discuss how we will redefine the ET-PP timelines and the scope of the documents and how we will communicate it with the EC officer



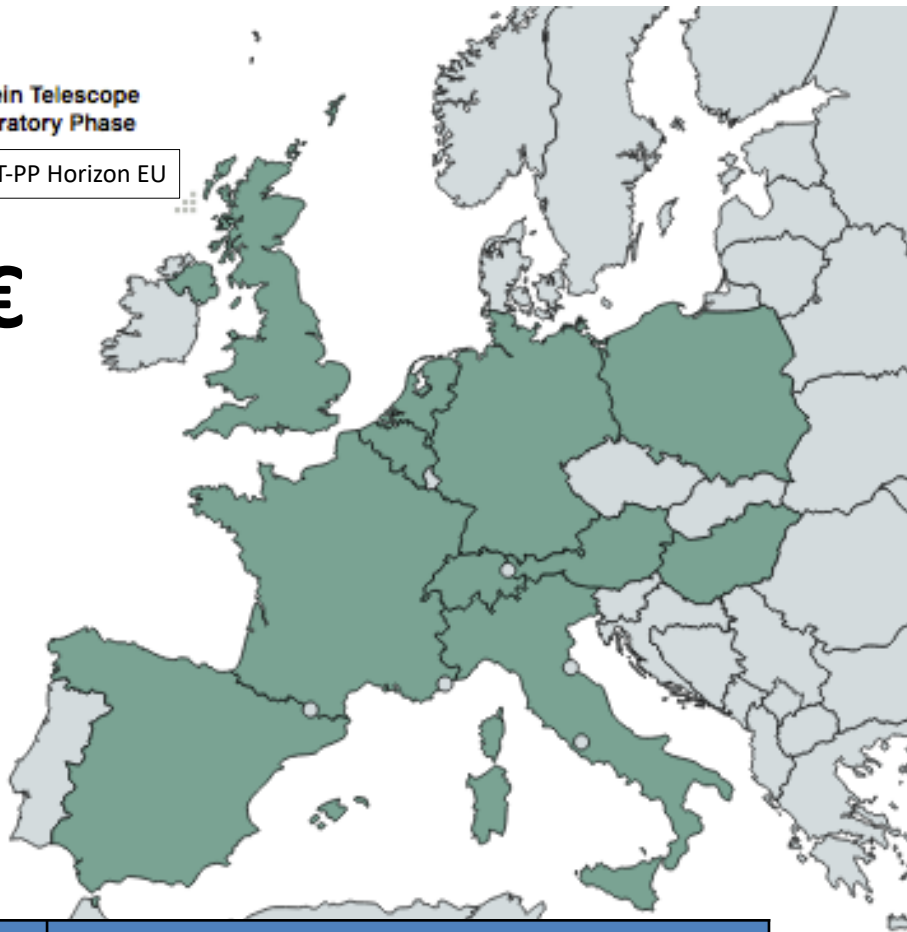
INFRA-DEV ET-PP — third parties

3.45M€

12M€
(total value)

Einstein Telescope
Preparatory Phase

ET-PP Horizon EU



COUNTRY	Third parties
GERMANY	RWTH (Aachen), AEI (MPI), LUH (Hannover)
THE NETHERLANDS	VU (AMSTERDAM), UM (MAASTRICHT)
SPAIN	ICCUB (Barcelona), UV (Valencia), UIB (Mallorca) CDTI (Madrid)
POLAND	NCBJ, CAMK, Cyfronet, IMPAN

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SEARCH FUNDING & TENDERS | HOW TO

Preparatory phase of new EST

TOPIC ID: HORIZON-INFRA-2021-DEV-...

Grant

General information

Topic description

Destination

Conditions and documents

Partner search

Submission service

Topic related FAQ

Get support

Go back to search results

Programme
Horizon Europe Fra

Call
Developing and co
leadership (2021)

Type of action
HORIZON-CSA HO

Deadline model
single-stage

COUNTRY	Partners
AUSTRIA	U. LEOBEN
BELGIUM	U. ANTWERPEN
BELGIUM	U. LOUVAIN
EGO	EGO
FRANCE	CNRS
GERMANY	DESY
HUNGARY	WIGNER RCP
ITALY	INFN
THE NETHERLANDS	NIKHEF
POLAND	U. WARSAW
SPAIN	IFAE BSC-CNS (affiliated)
SWITZERLAND (associated partner)	U. GENEVA
UK (associated partner)	UKRI CARDIFF GLASGOW

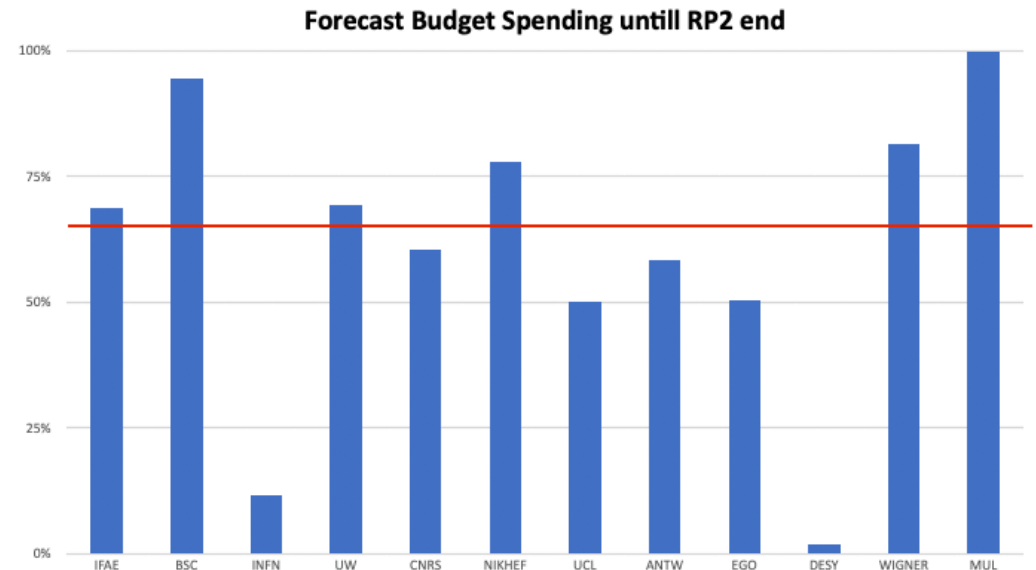
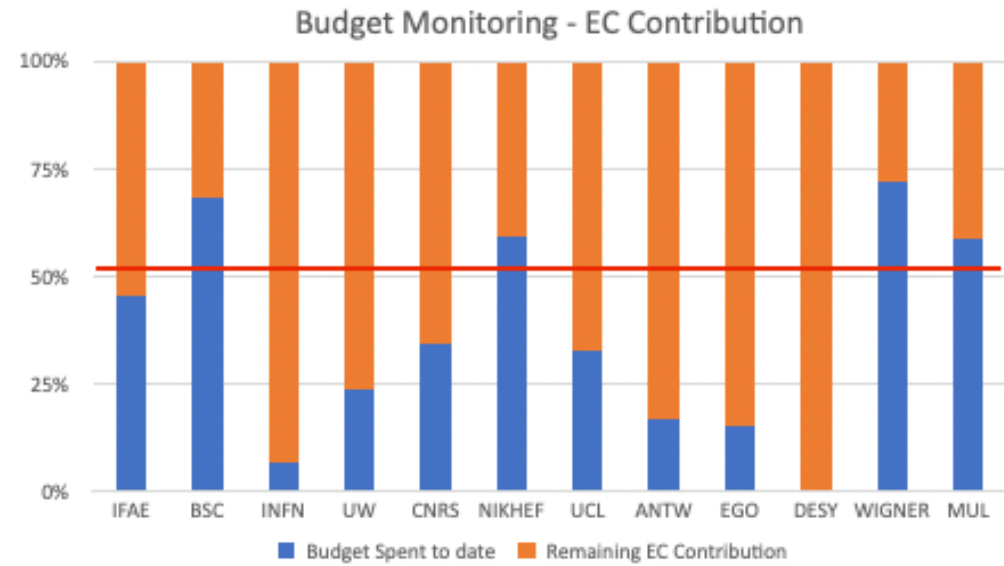
→ KU LEUVEN new third party since July 2023

→ We planned for a revisited Grant Agreement in 2024

→ In view of the need for revision of ET-PP timelines we will need to consult EC Officer what is the way to proceed.

Budget execution

- We asked Beneficiaries to report on their ET-PP budget execution by now M22 and by M30 (project has 48 months)
- Is this real ?
- We might need to define corrections to make sure the funding is executed — will follow it closely.
- Remember M30 will come with full financial report for EC review



Red line would correspond to a flat spending profile...



Welcome to BCN