

WP7: news and organizational issues

M. Morandin

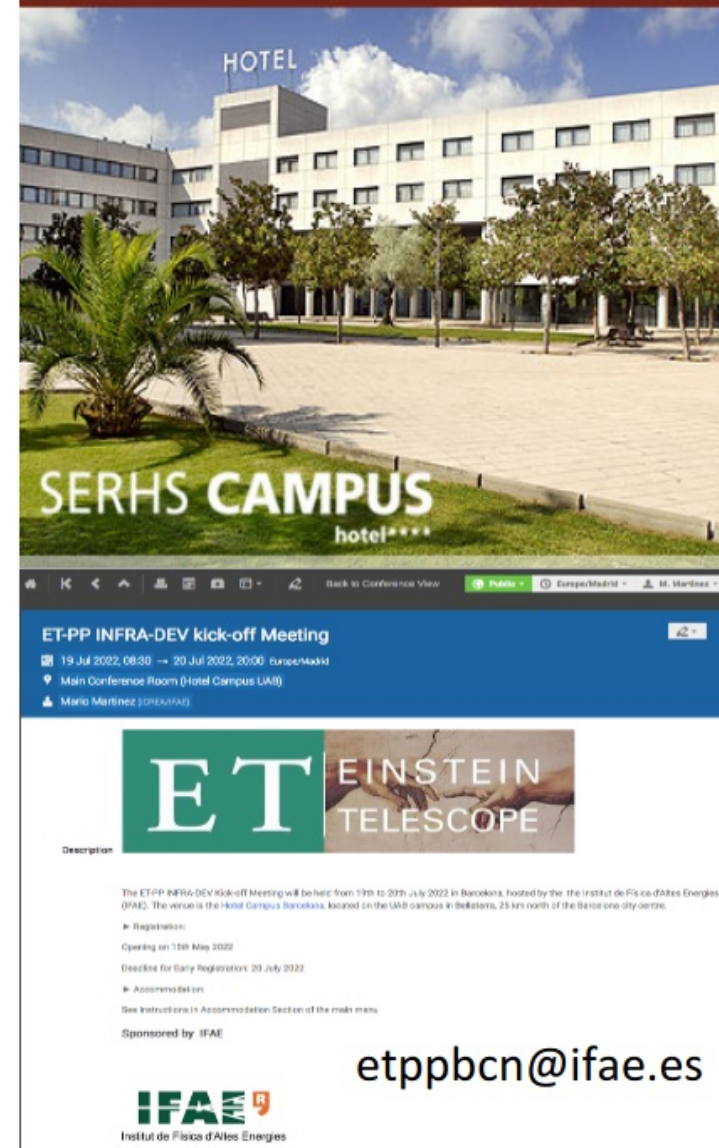
21 October 2022

INFRA-DEV Kick-off meeting

July 19 – 20 @ Barcelona

- useful discussions with several WPs
- all presentation available at <https://indico.ifae.es/event/1393/>
- ET-PP administrative details in https://indico.ifae.es/event/1393/sessions/100/attachments/2135/3443/ETPP-kickoff_IFAE_adm.pdf
 - reporting, eligible costs, etc.
- ET meetings: <https://indico.ifae.es/category/34/>

WP7 - October 21 2022



SERHS CAMPUS hotel****

ET-PP INFRA-DEV kick-off Meeting

19 Jul 2022, 08:30 -> 20 Jul 2022, 20:00 Europe/Madrid
Main Conference Room (Hotel Campus UAB)
Mario Martinez (IFAE)

ET EINSTEIN TELESCOPE

Description

The ET-PP INFRA-DEV Kick-off Meeting will be held from 19th to 20th July 2022 in Barcelona, hosted by the Institut de Física d'Altes Energies (IFAE). The venue is the **Hotel Campus Barcelona**, located on the UAB campus in Bellaterra, 25 km north of the Barcelona city centre.

► **Registration:**
Opening on 18th May 2022
Deadline for Early Registration: 20 July 2022

► **Accommodation:**
See Instructions in Accommodation Section of the main menu

Sponsored by IFAE

IFAE
Institut de Física d'Altes Energies

etppbcn@ifae.es

Final remarks by Mario

Next Steps

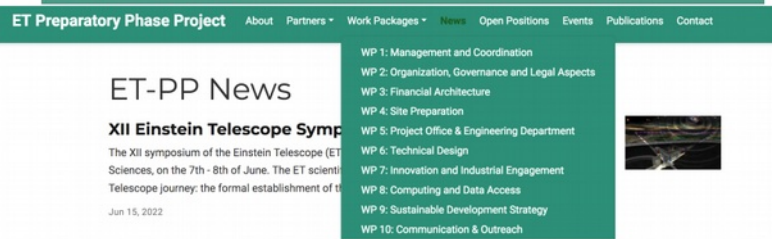
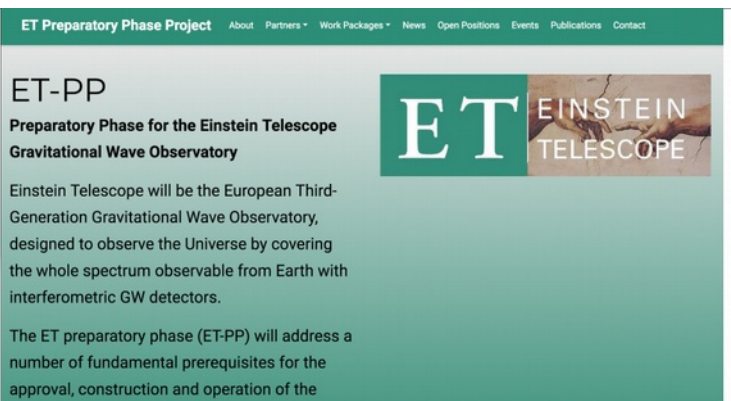
- Biweekly meeting starting in September 5th
 - Decide the funding profiles for the different WPs
 - Focus on particular items instead of WPs round reports
 - Suggest to start on WP5+WP6
- Conclude the Collaborative Agreement

- next biweekly Monday meetings at 12 noon
 - Oct. 24 focused on **WP2**
 - Nov. 7, likely focused on **WP7**

ET-PP web site



Will be portal for all the ET-PP information



WP 5: Project Office and Engineering Department

Work package led by CNRS

Objectives

WP5 - Project Office and Engineering Department [led by CNRS]: has the mission to establish the ET RI Project Office and the corresponding Engineering Department. The role of this WP is to set-up a project management environment for the ET construction project.

This environment will be supported by consultative and executive bodies equipped with means to monitor, control, coordinate and report on the technical design, the engineering, the technical specifications, the risks, the budget and the schedule.

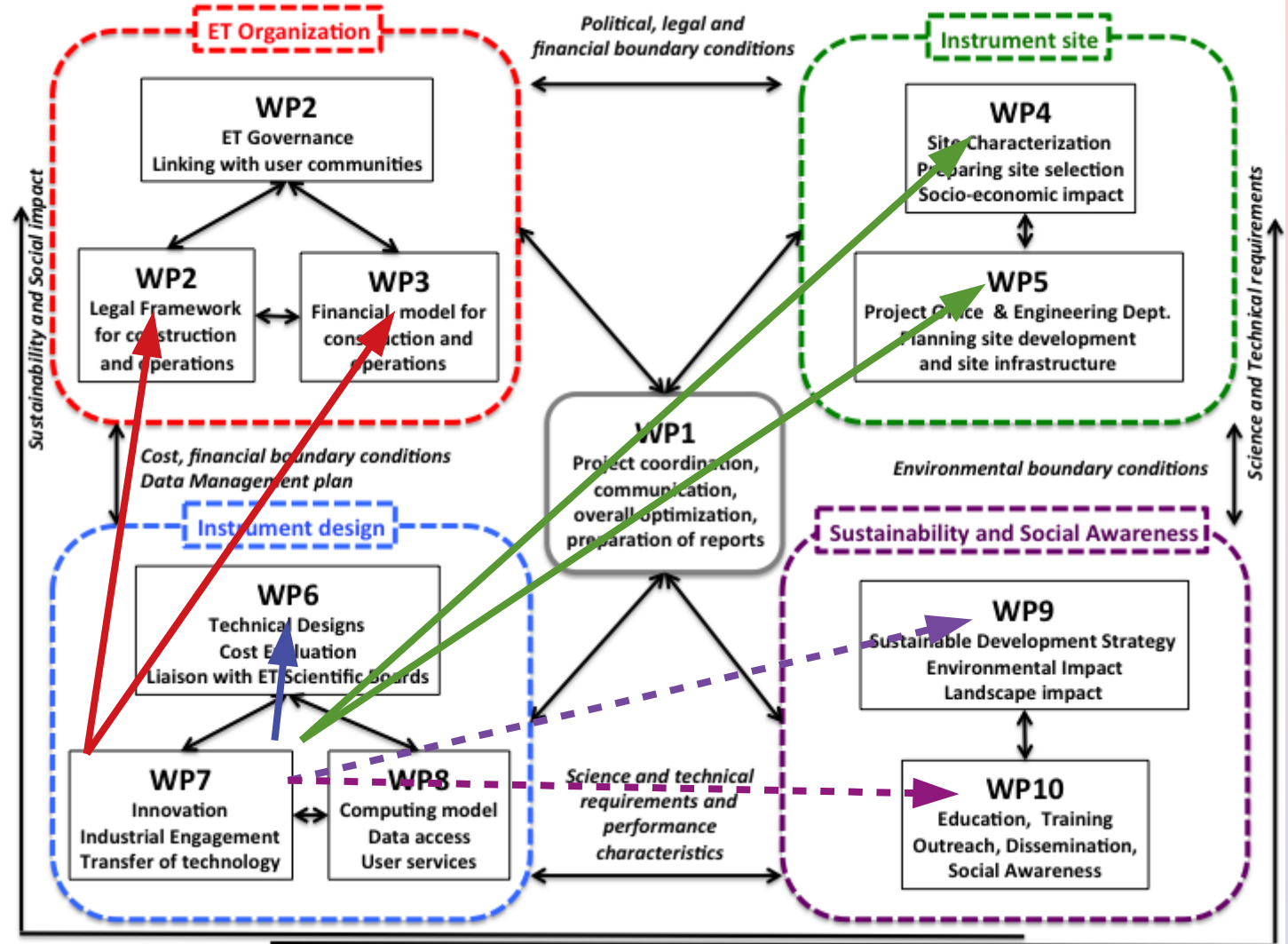
These activities are project-wide and make use of methodologies and tools which are the same across the whole of the ET construction project.

Summary

- **very useful interactions** with the other WPs
 - initial discussion with WP10, we will need a follow up
- in WP7 we are in the process of making the **final planning of our initial work**
 - if there is any further feedback that might have an impact in our work plan, **let us know**
- for the ET collaboration: please let your experts know that we **will start bother** them soon, starting from September

Project Structure

- meetings with WP2-3-4-5-6
- we need to touch base with WP9-10



Interaction with WP2-3 (I)

- **Industrial return**

- investigations about models implemented by RI with various legal status, with full assessment of pros and cons is felt to be important
- **WP2 will take the lead** in doing this exercise
- WP7 will provide **input as needed**
 - specific activity in WP7 is currently scheduled between June and November 2023, but this can be adjusted
 - looking forward to feedback from WP2

Interaction with WP2-3 (II)

- **ET Procurement service: mode of operation and organization**
 - it was not something we were planning to work on, but for the aspects related to innovation
 - however, it's clearly related to the industrial return issues
 - so, we are ready to cooperate on this with WP2-3
 - we can envisage ways and opportunities also to collect feedback from companies interested in ET

Interaction with WP2-3 (II)

- **Organization of Technology and Knowledge transfer activities**
 - agreed that it is an important aspect of the future ET organization, that WP2 will work on
 - we have a **specific sub-task** in WP7 with outcome currently foreseen for 5/25
 - Report on TT organization and IP management: TT principles, model, services, organization, tools...
 - feedback on timeline expected from WP2

Industrial engagement (I)

- **WP6**

- we have agreed on a **first list of technological sectors** with associated contact people from the ET collaboration
 - cryogenics, vacuum, coatings, precision mechanics, silicon fibers, optical bulk material, lasers, electronics, computing, sensors, actuators, controls, ...
- we will start now to interact with the contact people to assess:
 - the **current industrial relationships** already existing
 - the need of **further industrial partners/suppliers** to provide a **good level of competition** and **geographical representations** to favor other countries potential contributions
 - the **potential for innovation** and **market exploitation**
- in parallel, we will perform a **survey of ongoing industry engagement initiatives** at national level
- we will then produce an **engagement plan** (June 2023) that will comprise events and other initiatives and **execute it**

Industrial engagement (II)

- **WP4**
 - the main industrial sectors here are:
 - **civil engineering**
 - **site surveys**
 - we will do **the same work** as described for WP6
 - however, activities that will start in the coming months in the two sites are currently organized in a quite independent way, also in terms of industrial contacts
 - therefore there is not much we can do as WP7
 - however, if WP4 decides that there might be added value in requiring that part of the work is carried out by the same company or consortium of companies for the two sites
 - in this case we **can help with a market survey**
 - **feedback on this** is needed by WP4

Industrial engagement (III)

- **WP5**
 - topics: Technical and Infrastructure Systems
 - here again we can apply the same approach
 - WP7 will interact mainly with the **Engineering Department** that is in the process of being set up
 - it is therefore deemed necessary to postpone the interaction by ~ one year from now, to let the E.D. come up to speed
 - we will incorporate this in our schedule
 - we may need some earlier preliminary interaction in case industrial events will be organized next year

Innovation by procurement

- In WP7 we have an activity to investigate how ET can promote **innovation by procurement**
- **WP5** is **very interested** in pursuing this, so we are looking forward to cooperate on this
- WP9 is also a natural partner in this respect, since sustainability will probably bring the **strongest motivations** for investing in innovation by procurement
 - we have not had the possibility to interact today, but we will have to organize a meeting in September.

WP7 Working area

- question submitted to Mario about a possible common ET-PP workspace
 - no answer yet
- my proposal is to use the **CERN Sharepoint tool**
 - created an e-group at CERN for our WP (ET-PP-WP7)
 - submitted a request to create the workspace
 - to use most of the CERN tools one only needs a lightweight account that can be created immediately:
 - <https://account.cern.ch/account/Externals/RegisterAccount.aspx>
- temporarily, documents are on Google Drive:
 - to view: https://drive.google.com/drive/folders/19P14IYwTgYH6DYKVw2wU0IZKgXWL46E_?usp=sharing
 - to create/modify: please send me your google account
 - Rob and Javier already registered

Manpower

- ANTW clarification

Work package number	7	Lead beneficiary				INFN	
Work package title	Innovation and Industrial Engagement						
Participant number	6	3	1	4			
Short name of participant	NIKHEF	INFN	IFAE	UW	ANTW		
Person months per participant:	12 +2 (EC)	+ 12 + 12 (EC)	12 + 8 (CDTI) + 7 (EC)	19	24		
Start month	1			End month	48		

Date: Fri, 1 Jul 2022 12:54:39 +0000

From: Nick Van Remortel <nick.vanremortel@uantwerpen.be>

To: r.van.der.meer@nikhef.nl <r.van.der.meer@nikhef.nl>

CC: Mario Martinez <mmp@ifae.es>, Mauro Morandin <mauro.morandin@pd.infn.it>

Hi Mario, Rob,

I have applied, and will probably get, 2 FTE engineering on beam pipe vacuum, for 2 years, which is 48 PM, which fit best in WP6: engineering.

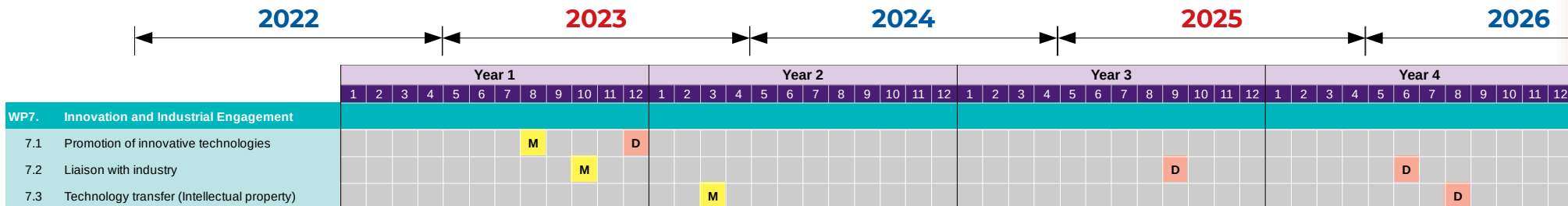
For WP7, you have to rely on my own activities as industry liaison, with help of my colleague Hans Van Haevermaet. If we spend with 2 people 4 years on that, it means that we will spend 12% of our time each on industry contacts, which is a bit on the high side. I therefore suggest to put 48 PM in WP6 , **and 5 PM in WP7.**

Agreed? Nick

Manpower (II)

- in addition:
 - IFAE contribution:
 - was:
 - 12 x 5k€ in-kind (4 in 7.1, 8 in 7.3)
 - 7 x 5 k€ EC (7 in 7.3)
 - now:
 - 12 x 5 k€ (?) in-kind (4 in 7.1, 8 in 7.3 ?)
 - 14 x 2.5 k€ EC (6 in 7.1, 8 in 7.3 ?)
 - constant EC contribution

Deadlines WP7



Milestones

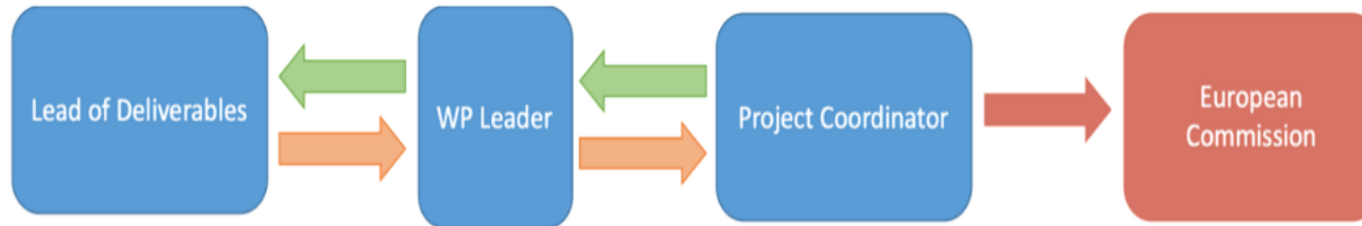
M7.1	Analysis of promotion strategies accomplished	WP7	M8	Report
M7.2	Engagement plan produced	WP7	M10	Report
M7.3	Analysis of balanced industrial return strategies accomplished		M15	Report

M11 as presented at KOM

Deliverables

D7.1	Innovation plan	WP7	IFAE	R	PU	M12
D7.2	Report on industry engagement plan execution	WP7	NIKHEF	R	PU	M42
D7.3	Model for pursuing in ET a balanced industrial return	WP7	INFN	R	PU	M33
D7.4	Report on TT and Intellectual property management in ET	WP7	INFN	R	PU	M44

Deliverable approval/submission



Deliverables must be completed by the due date. If not, this could be financially penalized by the EC.



Submitted by PC to EC

Revised by WP leader

Revised by PC

5/6 weeks in advance
by Lead Beneficiaries

3/4 weeks in advance
Between Lead/WPLs

1/2 weeks in advance
by Lead Beneficiaries

Initial list of preliminary actions

- WP7.1.1 SWOT Innovation analysis
 - requires **contacts to be established with existing Research Infrastructures experts**;
- WP7.2.1 Industry engagement Risk analysis
 - requires interaction with **experts in ET** to examine the areas where adequate participation of companies is critical, to guarantee the required industrial capabilities and sufficient level of competition
- WP7.2.2 Mapping of engagement activities
 - requires collaborating with **ILO offices involved**; the WP7 team has immediate access to the European Big Science ILO network

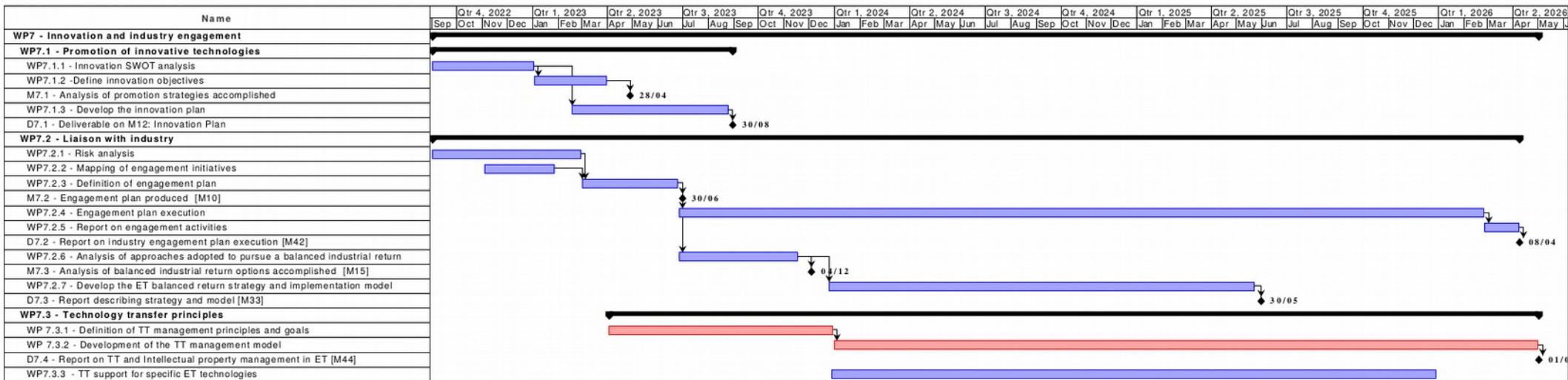
Backup slides

Fine structure of the project

WP7 - Innovation and Industrial engagement

- WP7.1 - Promotion of innovative technologies
 - WP7.1.1 - Innovation SWOT analysis
 - WP7.1.2 - Define innovation objectives
 - WP7.1.3 - Define the innovation plan
 - WP7.2 - Liaison with industry
 - WP7.2.1 - Industrial participation: risks and mitigations
 - WP7.2.2 - Mapping of the national initiatives
 - WP7.2.3 - Definition of the engagement plan
 - WP7.2.4 - Engagement plan execution
 - WP7.2.5 - Report on engagement activities
 - WP7.2.6 - Analysis of approaches for achieving an optimal industrial return
 - WP7.2.7 - Develop the ET balanced return strategy and implementation model
 - WP7.3 - Technology transfer
 - WP7.3.1 - Definition of TT management principles and goals
 - WP7.3.2 - Development of the TT management model
 - WP7.3.3 - TT support for specific ET technologies
- **Milestone at M08: Report**
 - **Deliverable at M1232: Report**
 - **Milestone at M10: Report**
 - **Deliverable at M42: Report**
 - **Milestone at M15: Report**
 - **Deliverable at M33: Report**
 - **Deliverable at M44: Report**

Timeline



WP7 - October 21 2022

first actions
to get started

The WP7 first 18 months

