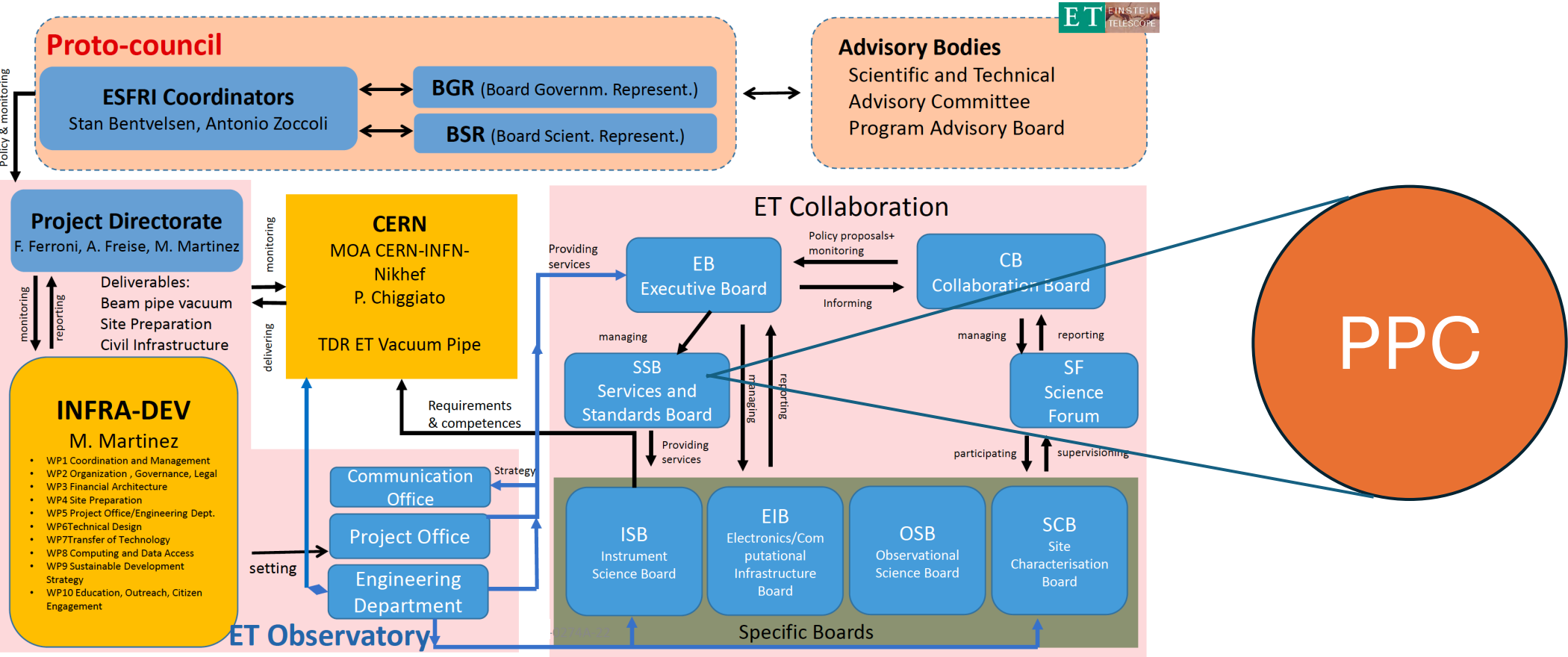


Services and Standards Project Program Committee(PPC)

E. Majorana



The PC is in charge for formulating and updating the program of ET (Bylaws Sept 2023)

- ❖ This program must be consistent with the ET CDR and with the TDRs to come and approved by Collaboration Board.
- ❖ The program must be consistent with ETO Directives
- ❖ The ET program is then used by the PPC to define the core tasks of the the ET Collaboration. The list of tasks must be pledged by the RUs/individuals.

Intermediate consideration 1: the program goes through various scientific and technical stages (in series or in parallel) (E.g.: CoBA, PBSs (Tri/2L), TDR evolution, Site/Infrastructure, E-Infrastructure)

- ➔ the program implementation will then be accordingly modulated
- ➔ a tight control of issues/actual feasibility ➔ safe backup solution is needed through PPC

Intermediate consideration 2: to efficiently exploit the ETCollaboration, flexibility must be high and dead times minimal

- ➔ Multiple solutions/methods: the ones that critically impact on TDR startup readiness will be considered as mid-term R&D
- ➔ Mid and long-term R&Ds will be pursued according to the RUs product readiness on the core activity focussed on TDR
- ➔ Newcomer RUs are surely expected, their target engagement will be considered in PPC context according to actual needs.

The PC is in charge for negotiating the Collaboration Agreement Documents (CAD) with new member RUs and to annually crosscheck their performance (Bylaws Sept 2023)

Standard review activity interval should be embedded in the CAD subscribed by RUs integrated in the timeline. PPC has to facilitate as much as possible the efforts.

In some cases, reviews may be performed transversally, by grouping functional or integration aspects dealt by different RUs

The definition of the review procedure will be one of the first tasks of PPC

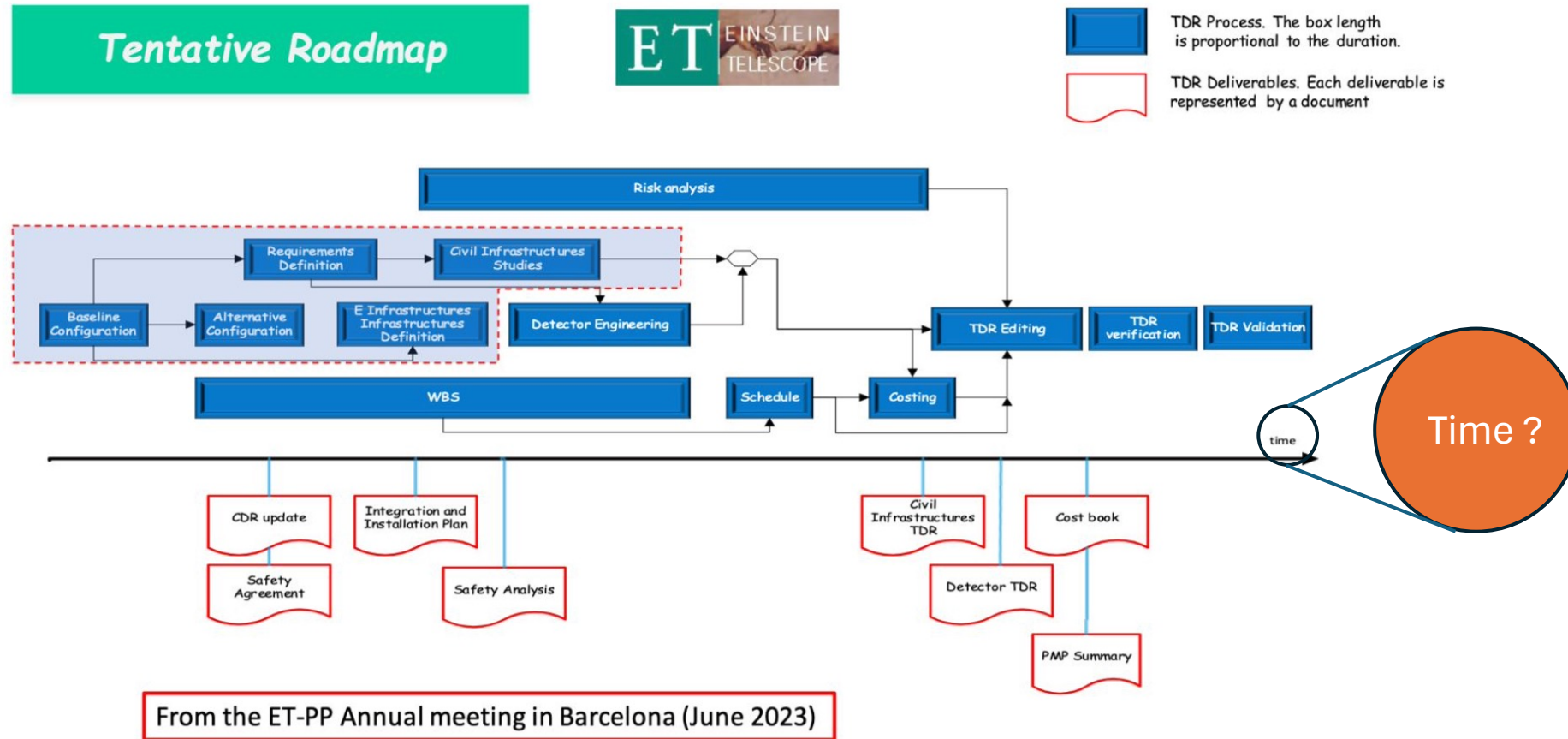
Last, but not least (personal consideration)

We are walking (rushing?) towards big decisions. **FLEXIBILITY** is valuable aspect

- ❖ Detector TDR must allow the construction of a system capable of being upgraded, even if **constrained** by different issues (e.g.: R&D readiness, financial deal...).
- ❖ Different PBSs Tri/2L deserve consideration.
- ❖ After that, a SINGLE TDR should be the reasonable target of PPC to speed-up the process.



Tentative timelines, the example of detector TDR



15/11/2023

Alessandro Variola, INFN Roma1, ET-PP INFRADEV Annual Meeting, Barcelona

9

The Committee

Ettore MAJORANA - PPC Chair

1	Nicolas ARNAUD	IJCLAB
2	Gianpietro CAGNOLI	ILM
3	Alberto GENNAI	INFN-Pisa
4	Katharina HENJES-KUNST	AEI-DESY
5	Lluisa MIR	IFAE
6	Takayuki TOMARU	NAOJ (PG)
7	TBD	

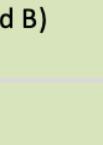
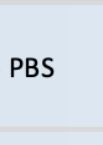
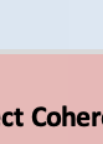
Ex Officio (MAIN BOARD CHAIRS)

8	E. Coccia/A. Freise	CB
9	M. Punturo/H.Lück	SP
10	TBD	ETO

Ex Officio members (SPECIFIC BOARDS)

11	Stefano Bagnasco	EIB E-Infrastructure
12	Stefan Hild	ISB Instrument Science
13	Marica Branchesi	OSB Observational Science
14	Rosario DE ROSA (vice chair)	SPB Site Preparation

- ❖ The majority of the committee members is composed by experienced scientists with mature experience in present GW detectors
- ❖ This is a Service board which has to interact constructively with specific boards and it is essential to accomplish the implementation flow with competence
- ❖ The “service” consists in the target of fruitful interaction and smooth the interface with EB in the pure context of the overall project.

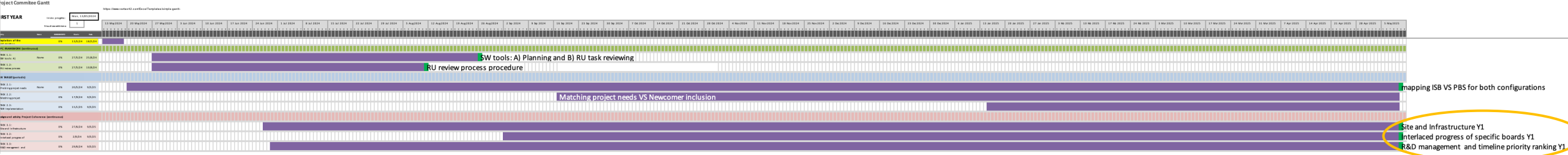
Completion of the Board member selection		
PPC FRAMEWORK (continuous)		
TASK 1.1: SW tools: A) Planning and B) RU task reviewing	Names...	
TASK 1.2: RU review process procedure	Names...	
TDR TARGET (periodic)		
TASK 2.1: Probing project needs VS PBS finalization	Names...	
TASK 2.2: Matching project needs VS Newcomer inclusion	Names...	
TASK 2.3: TDR Implementation	Names...	
Background activity: Project Coherence (continuous)		
TASK 3.1: Site and Infrastructure	Names...	
TASK 3.2: Interlaced progress of specific boards	Names...	
TASK 3.3: R&D management and timeline priority ranking	Names...	

Tentative planning and deliverables



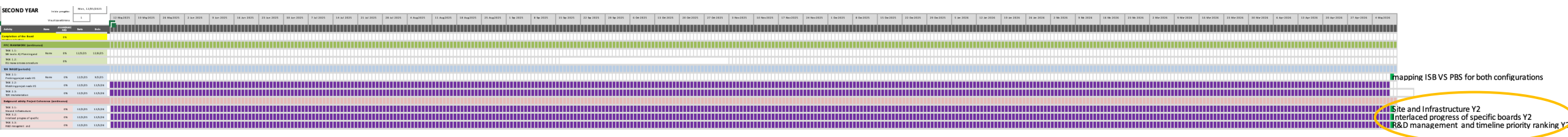
Task	Date	deliverable
1.1	9/2024	SW tools
1.2	8/2024	RU reciew process procedure
2.1	5/2025	Project needs VS PBS
2.2	5/2025	Negotiation to include new RUs
2.3	3/2027	TDRs
3.1	5/2025 5/2026 5/2027	Site infrastructure
3.2	5/2025 5/2026 5/2027	Interlaced progress of specific boards
3.3	5/2025 5/2026 5/2027	R&D management and timeline priority ranking

May 2025



reporting

May 2026



Composition of TDR contributors for detector (and infrastructure?) full

TDR 50% advancement

May 2027

