

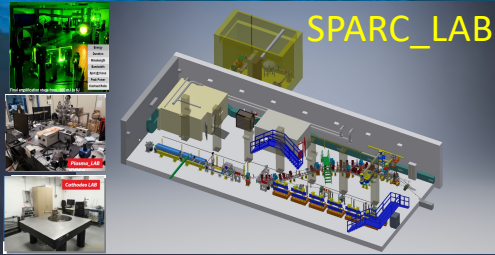
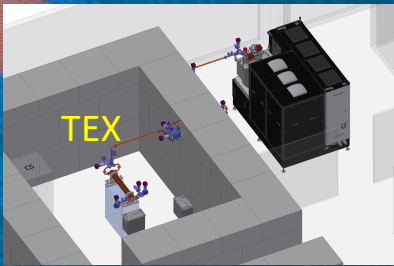
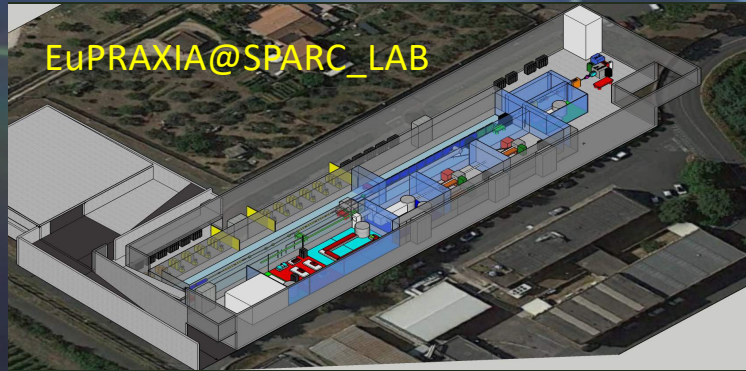
EuPRAXIA

Massimo.Ferrario@LNF.INFN.IT



DA Meeting Meeting, September 30, 2021



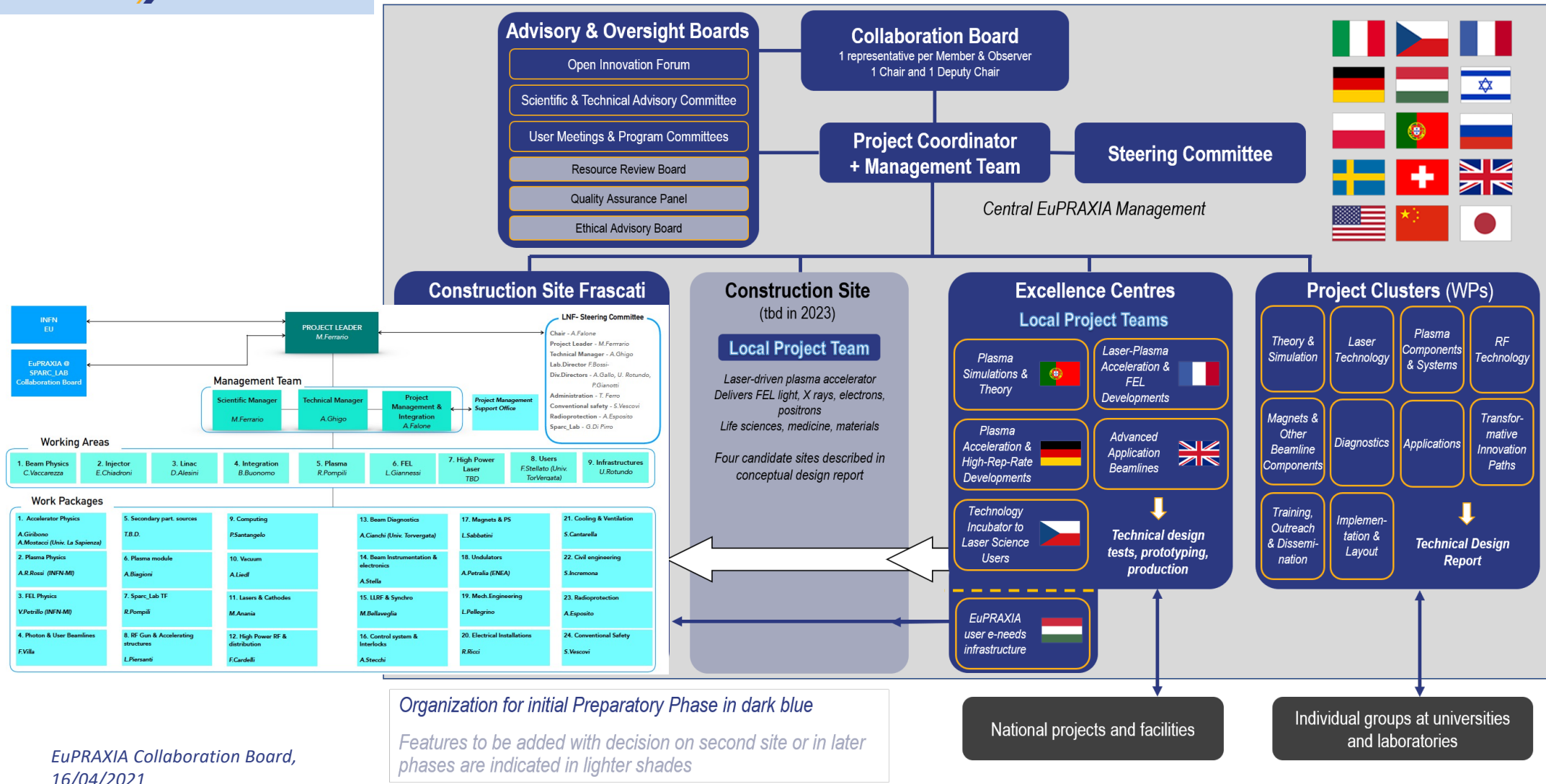


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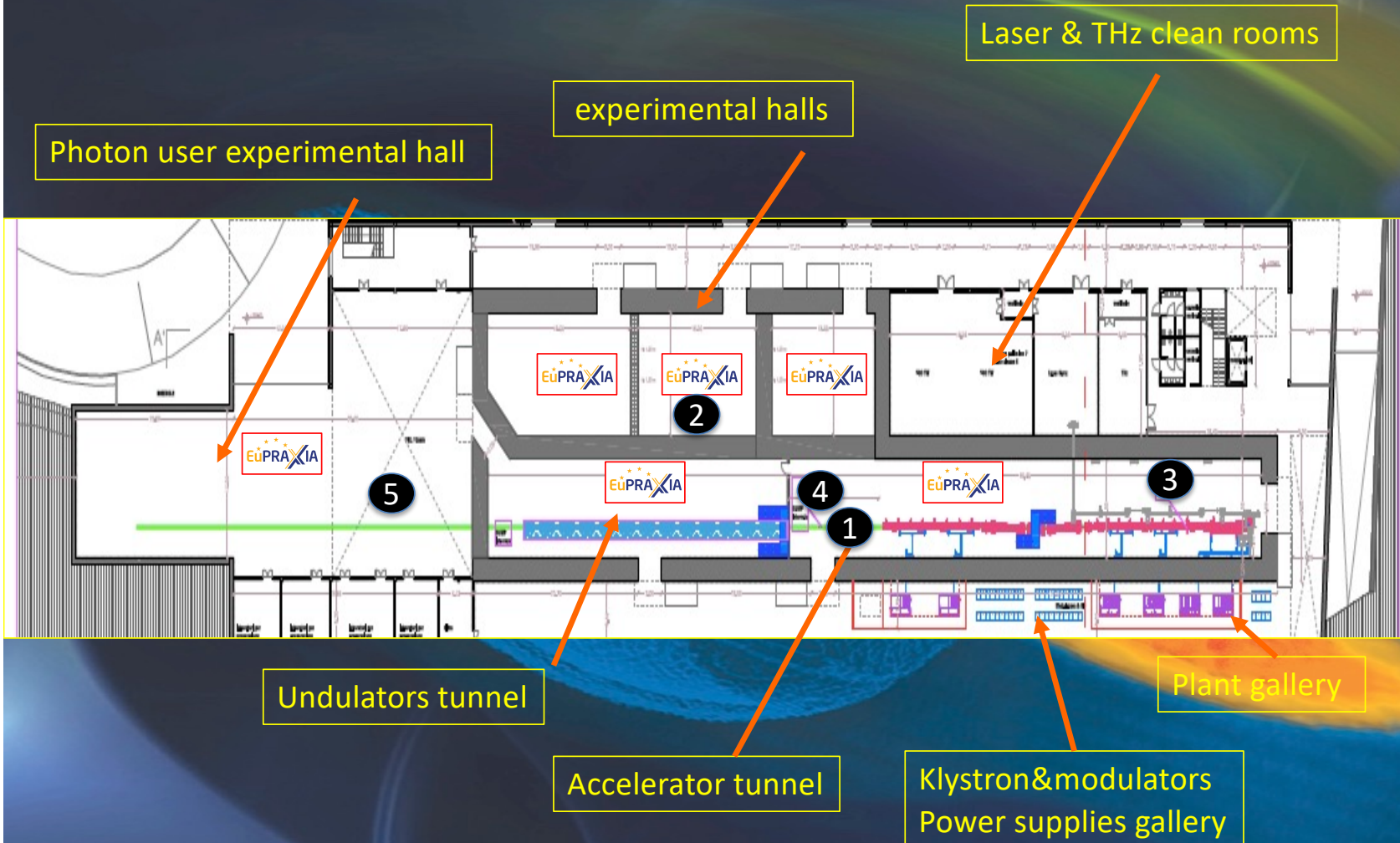
LNF-18/03
May 7, 2018

Technical Design Report

- Ralph Assmann EuPRAXIA Consortium Coordinator
- Massimo Ferrario Project Leader EuPRAXIA at Frascati
- Antonio Falone Project Manager, ESFRI Proposal Coordinator
- Giulia Vinicola Administrative Management
- Massimiliano Iungo (**New**) Project Planning and Organization
- **More to Come**



Opportunities for Collaborations at EuPRAXIA@SPARC_LAB

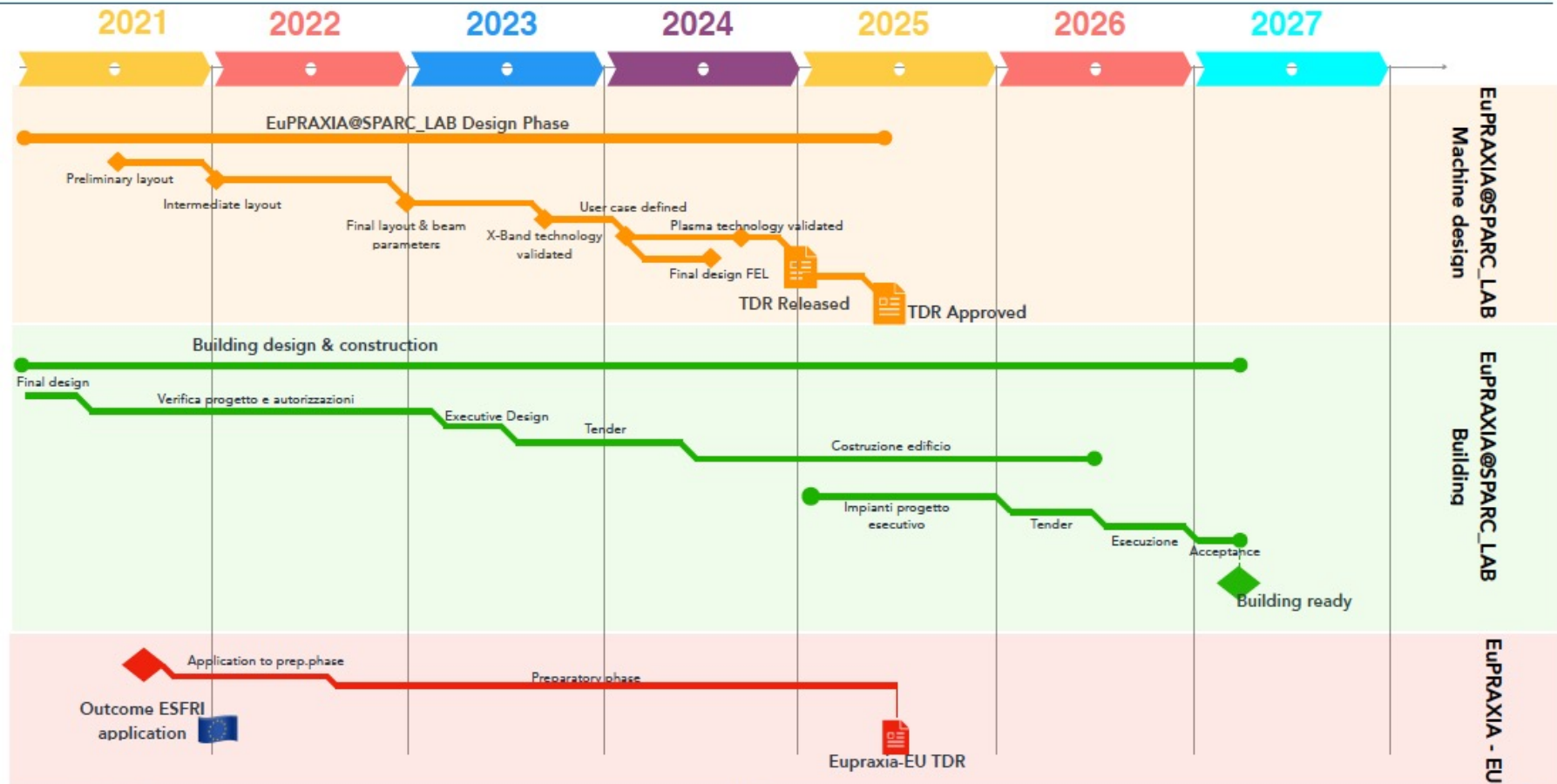


European interests & possible contributions to Frascati site:

- 1 Plasma structure designs, devices
- 2 Compact positron source
- 3 HQ 150 MeV laser plasma injector
- 4 HQ laser driver
 - Hybrid concepts
 - Simulations
- 5 User experiments and lines

To be detailed in TDR phase.

Road map



Critical Points

- 1. Tempistiche disegno finale di Mythos.
- 2. Gruppo di beam dynamics al momento largamente sotto dimensionato.
- 3. Prototipi sezioni in banda X che richiederanno un certo grado di coinvolgimento dei servizi (vuoto e RF in primis).
- 4. Decisione su fornitore Klystron (400 HZ?)
- 5. FEL Beamlines (ARIA, AQUA)
- 6. Integration of Eu Contributions