

Comments to ETO CE Roadmap

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On behalf of TETI

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Outline

- General comments
- Specific comments

Reference

TETI Comments to ETO CE Roadmap - TETI-PMO-COM-001-R01

General Comments

1. Missing general ETO roadmap
 1. TETI will not committ to the CE roadmap w/o an overall ETO timeline
 1. Independently of the CE roadmap quality
2. Different due dates for LTs
 1. Due dates must be the same for both teams
 2. TETI is funded besides the on-going contract with RockSoil and throught the entire selection process

General Comments

3. Configurations

- 3. TETI works on both the T and L configs and expects ETO to do the same
- 4. TETI is developing a preliminary, but complete, engineering study with RS

4. Safety model

- 3. Shall be compliant to local laws and regulations
- 4. Common concepts are expected from ETO, similarly to configuration layouts

Specific comments – aggregated by rationale

- Plan for staged release of ETO protocols impacting work of LTs
 - Eg validation and review procedures (3.1.3), reference timeline (3.1.7)
- Clarify roles, responsibilities and interactions between different boards
 - Role of CERN on cost validation (3.1.4)
 - Impact of Design Task Force on timeline (3.1.9)
 - BGR site selection process and impact on roadmap (eg on TDR, 3.1.6)
- Update ETO deliverables due dates
 - At least for those due Q4/2024 (3.1.1, 3.1.4, 3.1.7, 3.1.8, 3.7*)

Specific comments – aggregated by rationale

- Acknowledge and confirm expectations from LTs deliverables
 - See TETI's short descriptions of
 - Technical studies for subsurface assessment and risk analysis (3.2*)
 - Cultural heritage report (3.5.3)
 - Strategy on safety and security (3.6.1)
 - Electrical engineering (3.7.2)
- Clarify text and meaning where requested
 - Introduction, potential tunnel (3.2.2) and vertex (3.2.3) locations

Specific comments – aggregated by rationale

- Review responsibilities for specific requirements
 - Noise assessment and mitigation (3.5.4) - should be on ETO ?
 - Safety (3.6.2) - partially on ETO ?
 - Occupational H&S (3.7.4) - connection with CERN MoU ?
 - Permits (3.4.3) - typically on LTs ?
 - Land development strategy (3.5.1) - general requirements from ETO ?
- Clarify text and meaning where requested
 - Introduction, potential tunnel (3.2.2) and vertex (3.2.3) locations

Comments to EMR note

- We agree on master planning and dependencies
- Safety concept
 - Define right combination of LT and ETO responsibilities
- Level of detail to be further defined
 - ETO to acknowledge respective LT plans and issue basic set of requirements