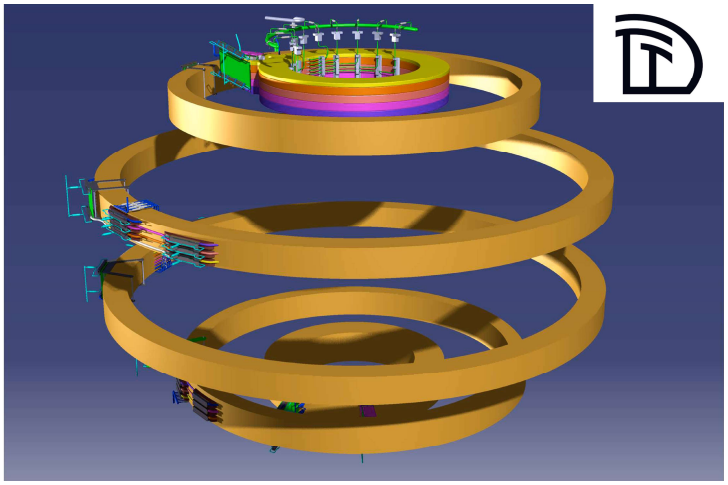


Information Day on SUPERCONDUCTING POLOIDAL FIELD COILS PROCUREMENT

The material and information contained in this presentation are provided for information purposes only, and should not construed as basis for technical specifications of the call for tender

Web event: 26/04/21 14.30 CET (via zoom)

UNIVERSITÀ DEGLI STUDI DI MILANO BICOCCA · POLITECNICO DI TORINO · CONSORZIO RFX Ricerca Formazione Innovazione · create · ENEA Italian National Agency for New Technologies, Energy and Sustainable Economic Development · eni · INFN stituto Nazionale di Fisica Nucleare · Università di Roma Tor Vergata

Scope of meeting

- To inform about technical and administrative issues and constraints concerning Poloidal Field Coils procurement to be launched in a couple of months
- To collect comments and suggestions from the specialists in the market of superconducting magnets that might be used in the final tender documentation

Agenda

14.30: Introduction: welcome, scope of the meeting and agenda

14.35: DTT project: status and tender plans

14.45: PFC tender: technical issues, planning and logistics

15.25: PFC tender: administrative and regulatory issues

15.45: break for collection of questions through zoom chat

16.15: preliminary answers to questions

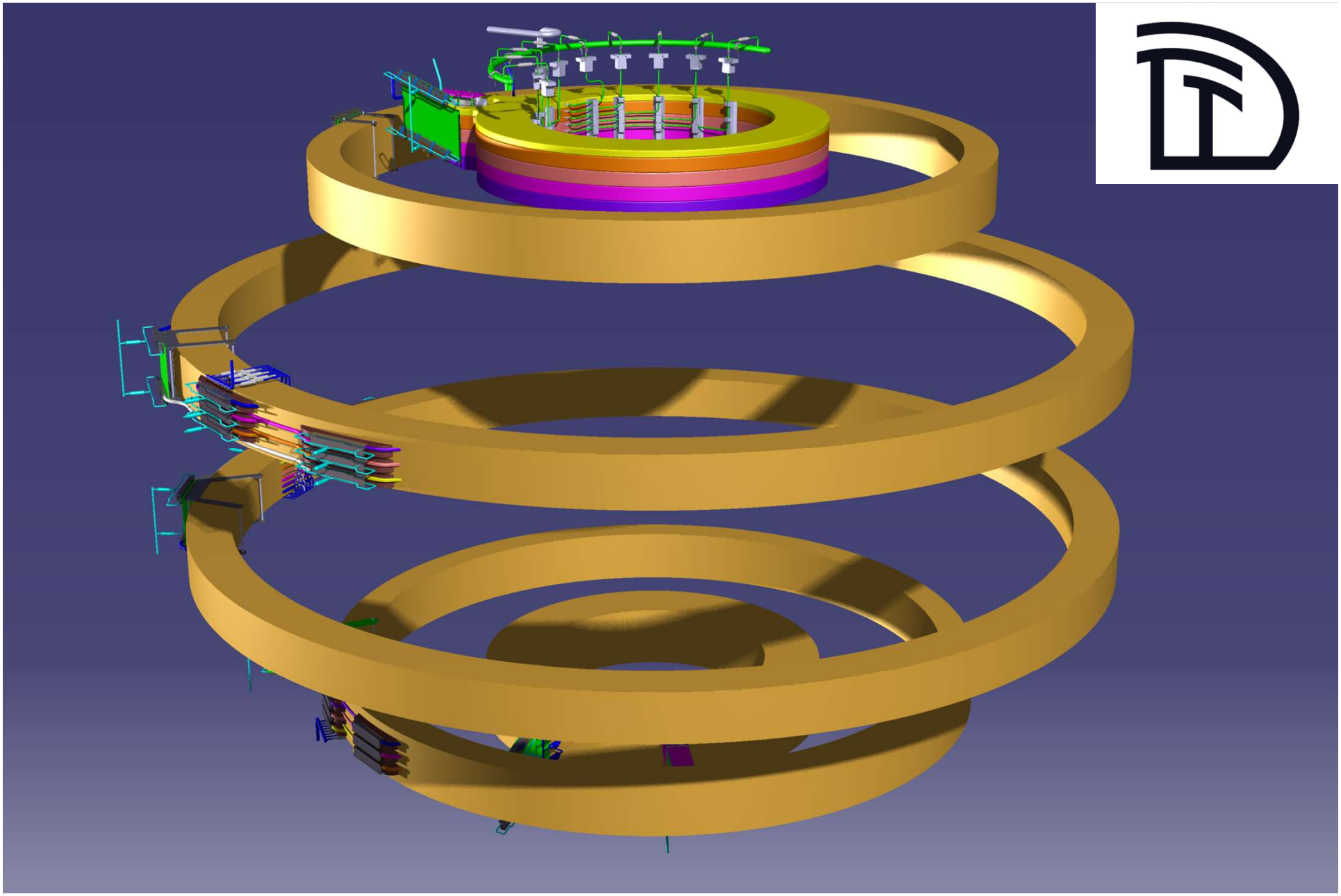
Rules for questions

- During meeting, please send your enquiry to me (Gian Mario Polli) via zoom chat
- After the meeting questions will be collected and answered (if possible) at the end of the meeting.
- From tomorrow a FAQ section will be available for a few days on the website (here)

Break

The meeting is in stand-by in order to collect questions that will be answered afterwards.

The meeting will restart at **16.15**



Question

Will the presentation files be made available?

Answer:

Yes, they will be uploaded on the DTT website

Question

I have a question about the tender for current leads. Will it be separate or are they included in the magnets ?

Answer:

no they will be purchased separately from the magnets

Question

do you have any idea about when the tender for these magnets will be put into tender ?

Answer:

Within June 2021

Question

Are 3d and 2d drawings available? Despite that they are not definitive, it would be helpful to have them.

Answer:

No they will be available in the tender documentation.

Question

Where can we find the slides? Can you be more precise on the tender date rather than first semester 2021?

Answer:

See previous answers

Question

The cryogenic tests are to be done on complete pf coil or only on parts?

Answer:

There will two type of cryogenic tests:

- *on joint mock-ups (as part of the qualification process)*
- *On PF6 and PF1 complete coils*

Question

In case of Consortium, every single member has to demonstrate the financial capacity equal or higher to 5 M€ turnover each of the last three years, or the sum of the turnover of all members has to comply with the requirement?

Answer:

The consortium shall demonstrate the financial capability as a whole.

Question

In case of Consortium who has to provide the provisional guarantee, the leader?

Answer:

In case of consortium as a legal entity it is the consortium, in case of Joint Venture provisional guarantee should be entitled to all the partners.

Question

Are options accepted which might affect the economical offer?

Answer:

No conditional options are allowed and a unique economic offer is allowed.

Question

Could you confirm that the factory acceptance test requires 4.5K in-house tests for all coils?

Answer:

No cryogenic tests is expected as FAT. Cryogenic tests will be perfomed in ENEA.

Question

Where could we found more information on the winding (drawings of the PF coil, taping, etc)?

Answer:

Please see previous answer.

Question

Technical capacity can also be supported by subcontractors?

Answer:

Yes, third party can also be a sub-contractor within the limit of 40% of the contract amount.

Question

Which is the needed Schedule for pf3, pf2 and pf1?

Answer:

The exact schedule will be reported in the tender documentation. The PF3 conductors will be available from the end of 2023 and the rest will follow shortly. Correspondingly, the coils shall be manufactured from 2024 on.

Question

Could you please provide list of assistants?

Answer:

We did not ask for non disclosure so we are not entitled to share this information.

Question

Could you be more precise in what is meaning two superconducting coils similar to?

Answer:

We are currently considering as similar coil those including the use of pancake wound technology with relevant dimension and weight and using cable in conduit conductor.

Question

can you give the link to place more questions?

Answer:

https://www.dtt-project.it/index.php/faq-26-aprile.html