

EUROfusion – ITER Organization Steering Committee on IMAS development (meeting #14, 2023-2).

10.Oct.2023 9:00 AM

(ToR) The meeting aims at coordination between development activities for the Integrated Modelling and Analysis Suite (IMAS) carried out under the EUROfusion programme and those implemented by the ITER Organisation.

Main points discussed during the meeting:

- TSVV progress (results from the Mid-Term Review)
- IMASification of data (DMP, ...)
- Open Source license for IO tools

Meeting Agenda and Presentations are available @:

<https://indico.euro-fusion.org/event/2645/>

Participants:

| Name | Initials | Role | Affiliation |
|------------------|----------|-----------|---|
| Alberto Loarte | AL | Co-Chair | ITER IO - Head of Science Division |
| Gloria Falchetto | GF | | CEA – WP Preparation for ITER Operation |
| Denis Kalupin | DK | Secretary | EUROfusion – CO for Theory and Modelling |
| Hartmut Zohm | HZ | | EUROfusion – Head of DEMO Central Team |
| Pär Strand | PS | | VR – Coordinator of Data Management Plan |
| Simon Pinches | SP | | ITER IO – SL of Plasma Modelling & Analysis Section |
| Olivier Hoenen | OH | | ITER IO - Plasma Modelling & Analysis Section |
| Xavier Litaudon | XL | | CEA – Leader of WP Preparation for ITER Operation |

Minutes:

1. DK opened the meeting and welcomed all participants.
2. The agenda of the meeting was approved. GF requested the addition of a point under "Any Other Business" (AoB) to discuss the planning of main points for the following meeting, with a specific focus on HFPS strategy alignment.
3. The minutes of the previous meeting are approved.
4. DK presented the outcome from the [Mid-Term evaluation of TSVV projects](#), conducted by the E-TASC SB in September 2023:
 - AL inquired about the strategy for implementing licensing requirements among EUROfusion beneficiaries. DK clarified that the E-TASC SB had established a working group on licensing

tasked with drafting a software license template. This template would be presented to the General Assembly with a recommendation for close adherence.

5. PS presented the [status of the Data Management Plan](#) project and the progress towards IMASification of data from EU fusion devices
 - It was highlighted that this task is closely linked to IO's activity on UDA, and better coordination of actions was recommended. Attendance of DMP participants at the UDA training organized by IO in November 2023 was also suggested (<https://indico.iter.org/event/81/>).
 - XL emphasized that the present SC serves as an ideal platform for coordinating closely linked activities, such as HFPS and PDT.
6. GF presented the [status of IMASification of data from existing EUROfusion multi-machine Data Bases and synthetic diagnostics under WPPrIO](#)
 - AL sought clarification on whether there is an automated conversion process for CAD format machine descriptions in IDs. **A1:** GF committed to clarifying this and providing information to IO.
 - **A2:** AL agreed to send legacy data from ITPA databases to GF for inclusion in appropriate databases, noting that the format of these data is not standardized.
7. OH provided an update on the [current status of the IMAS platform development](#)
 - AL raised concerns about the potential risks associated with the discontinuation of UK involvement in ITER tasks.
 - SP highlighted EUROfusion activity on migrating the ETS into the MUSCLE3 environment as an interesting development, which would be closely monitored by IO.
 - PS commented on the largely voluntary contributions to the ETS activity and suggested that EUROfusion consider its support.
8. Record of Decisions and Actions
 - Two actions were identified (details below)
 - It was agreed that the primary topic for the next meeting would be discharge simulators (HFPS, PDT, etc.). Key individuals working on simulators from both sides would be invited to participate.
 - The date for the following meeting was agreed, **26.Mar.2024 @ 14:00 CET** (<https://indico.euro-fusion.org/event/2809/>)

List of actions that might to be considered:

| Issue | Possible/proposed action(s) | Responsible(s) |
|--|--|----------------|
| Automated translation of CAD formatted MD to IDs | Share WEST experience with IO. Provide technical contacts to SP and AL | GF |
| Transfer of legacy ITPA DBs | AL should transfer legacy databases (not standardized formats) to GF for inclusion in EF | AL |

| | | |
|--|---|--|
| | data-bases (pending additional resources approval by Project Board) | |
|--|---|--|