

Progress in the ITER Integrated Modelling Programme and the use and validation of IMAS within the ITER Members

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- 1. What has the fusion community achieved over the past two years?**
 - ITER Members have supported development of an Integrated Modelling infrastructure (IMAS) including a generic Data Model suitable for all experiments and simulations and supporting the flexible exchange of software components
- 2. Where does fusion R&D stand right now?**
 - Fusion community has started developing IM tools and workflows in IMAS to support ITER's and their own research programmes in preparation for ITER Operation
 - IMAS has started being used for ITPA activities including benchmarking, validation and data exchange
- 3. Which next steps need attention in the immediate future to ensure avoiding gaps or unnecessary delays/surprises on the way towards the final goal?**
 - Use ITER modelling infrastructure (IMAS) to develop tools and workflows to support R&D programmes (including for ITER), exploiting synergies with other fusion communities
 - Use ITER IM infrastructure (IMAS) within R&D facilities to validate workflows and help prepare for ITER operations
 - Focus resources to simultaneously benefit both individual research programmes and ITER