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

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