

Summary slide for FIP/P4-22:

## **Technical Preparation for Series Production of ITER Enhance Heat Flux FW Panels**

1. The manufacturing technologies for ITER Enhanced Heat Flux (EHF) FW panel has been established, and were qualified by successfully manufacturing full-size FW fingers and semi-prototype with acceptable thermal fatigue performances under ITER heat load condition.
2. The manufacturing and testing facilities for series production have been built up, including a large HIP machine, a 400kW EB facility for high heat flux test and a 16 kW laser beam welding machine.
3. Ready to start full-size FW prototype manufacturing and testing to further improve the technologies for series production.