

Manufacturing Completion of the First ITER VV Sector (PD/1-2)

- **In 2020, manufacturing of the 1st sector of the ITER Vacuum Vessel has been completed since manufacturing start in Feb 2012.**
 - Each step of the manufacturing was challenge as a First-of-a-Kind (FOAK) and a French Nuclear Pressure Vessel.
 - Protection Important Class components according to French order dated 7 Feb 2012
 - Level N2 & Cat. IV NPE according to the guidelines of the ASN for application of French Order dated 30 Dec 2015. Agreed Notified Body involvement for conformity assessment (module G)
 - The paper provides an overview of the major technical challenges which were overcome and lessons learned over the last 10 years.



<Segment Setting for Final Assembly>



<Manufactured First ITER Vacuum Vessel Sector>