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.