Plenary #2

Ing. Ignacio de Arenaza
Head, Civil Engineering
Operational Management
CAREM Area Management
Argentinean Commission of Atomic Energy (CNEA)

Title: Overview of the CAREM design and current status

CAREM25 is a prototype of a SMR being developed and built in Argentina. The presentation will focus on the main design facts highlighting those features leading to an enhancement of intrinsic safety.

CAREM25's first concrete was poured in 2014, making it the first SMR in a construction stage worldwide. The presentation will also show the current status and some of the challenges faced during the first steps of the manufacturing and construction processes.

With this prototype already licensed and under construction, CNEA is now able to settle the basis for the design of a commercial plant of 480MWe (four modules of 120MWe each).