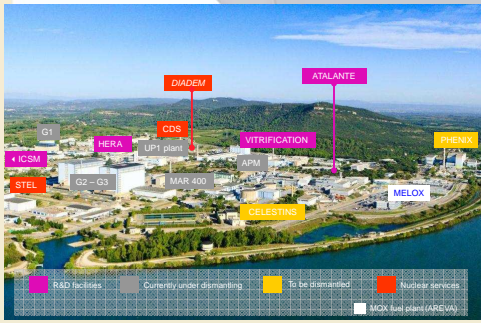
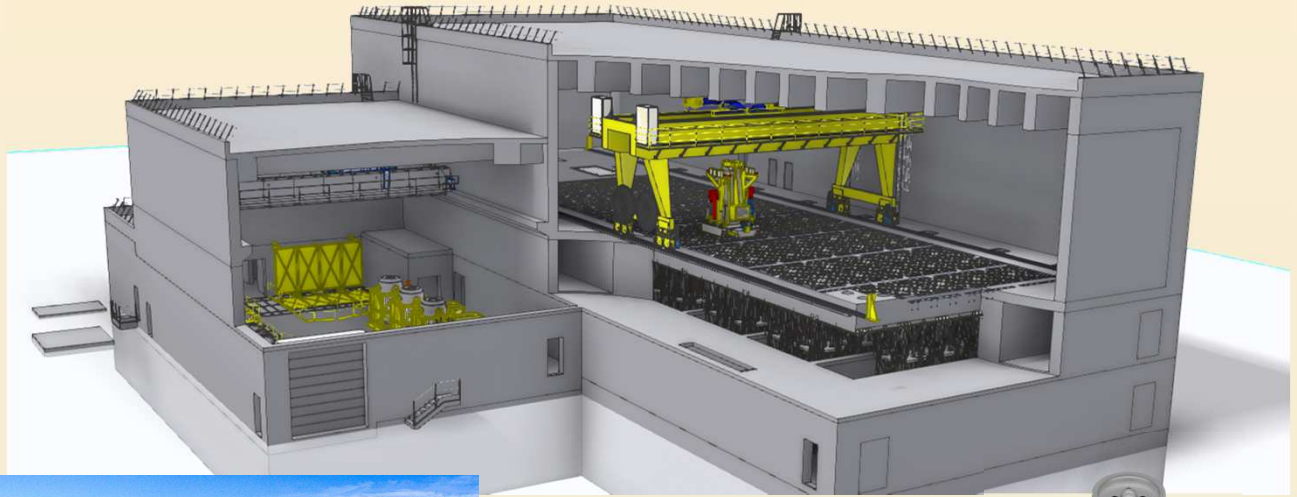


Starting DIADEM

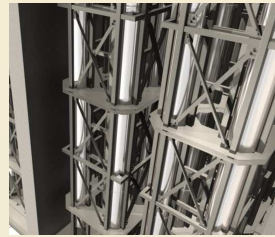
Medium-Level Waste Interim Storage's Construction

DIADEM's role is to safely store containers of highly irradiating and/or high α content waste. The facility has been designed for a lifetime of at least 50 years.

The facility must ensure that the containers are kept in a state of preservation which will enable their retrieval at any time with the current means of operation. It must also keep records of each container's characteristics, including its origin, nature and radiological contents.



DIADEM will accommodate future waste dismantling of PHENIX reactor (60% of volume)



CEA's handling patent

3 types of containers with identical diameters (external \varnothing 498 mm) and increasing heights (620mm, 1060mm and 2120mm)

316 L Stainless Steel
Extra thickness 8 mm
Higher falls and corrosion resistance

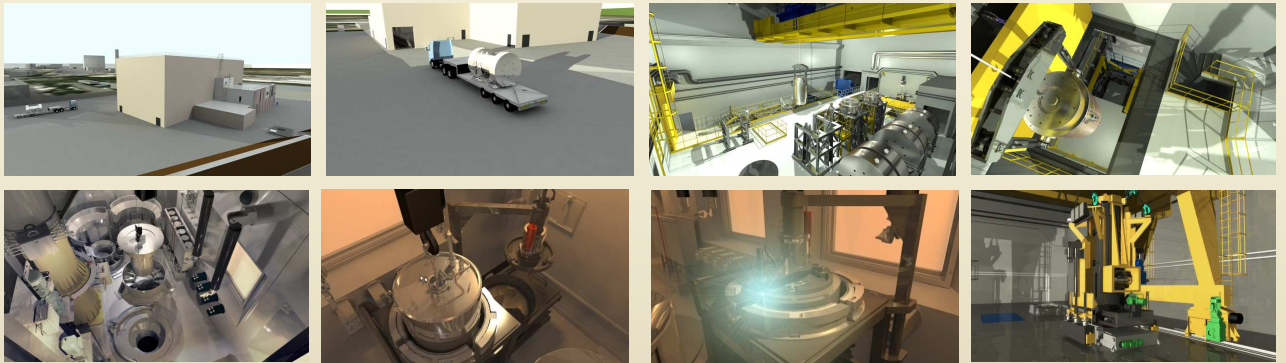


Lid welding
leak tightness
for several decades

Metal filters
will allow gaseous releases
caused by radiation to
escape

The whole story

Rack and Containment



Starting Construction



Main Contributors

