### **EDF: Support to Normalization Activities**





#### Context and need

EDF, committed in normalization programs for the description of nuclear facilities during their lifecycle needed support for business intelligence at s French (AFNOR) and international level (ISO).

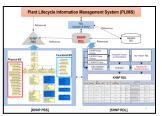
# Future Architecture for the ISO TC 184 SC4 Reference Model

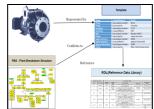


CFIHOS (Capital Facilities Hand Over Specification)

# Components CHIOS Specification \*Industry Wide Standard Document Document Project/Contract Specific Specific Scope of Work CHIVOS Specific Scope of Work CHIVOS Specific Scope of Work Empires CHIVOS CONTROL Specific Reference Detail Library \*Based on CFIHOS Scope of Work Empires CHIVOS CONTROL Specific Reference Detail Library \*Based on CFIHOS Scope of Work Empires CHIVOS CONTROL Specific Reference Detail Library \*Based on CFIHOS Scope of Work Empires CHIVOS Scope of Work CHIVOS CHIVOS Scope of Work CHIVO

## Position of a Reference Data Library in a Plant Information Model (e.g. KHNP)





<sup>)</sup> Alignment of different RDLs Project RDL, Company RDL, Industry RDL, ISO RDL



Results (Mission from January 2015 to end-December 2015)

Animation of ISO 15926 French Working group with organization of events

Participation to meetings of the TC 184 SC4 WG3/22 (Maintenance of current standards and edition of new ISO 15926 parts

Participation to plenary sessions of TC 184 and minutes of these events Instruction of votes concerning Plant data models Standards

Follow-up of projects connected to Normalization (CFIHOS, Nuclear RDL, Plant Information Model, Oil and Gas Initiative, AIEA and EPRI initiatives for Information requirements and models))