



CAPITAL MARKETS DAY 2020

 DASSAULT
SYSTEMES



Xavier Ursat

EDF

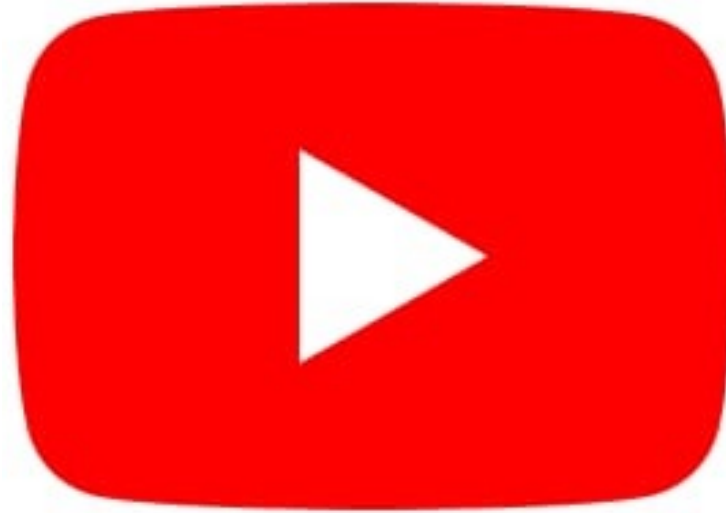
Group Senior Executive Vice President,
New Nuclear Projects and Engineering



**A unique
PLM Platform
for the entire nuclear
engineering sector**

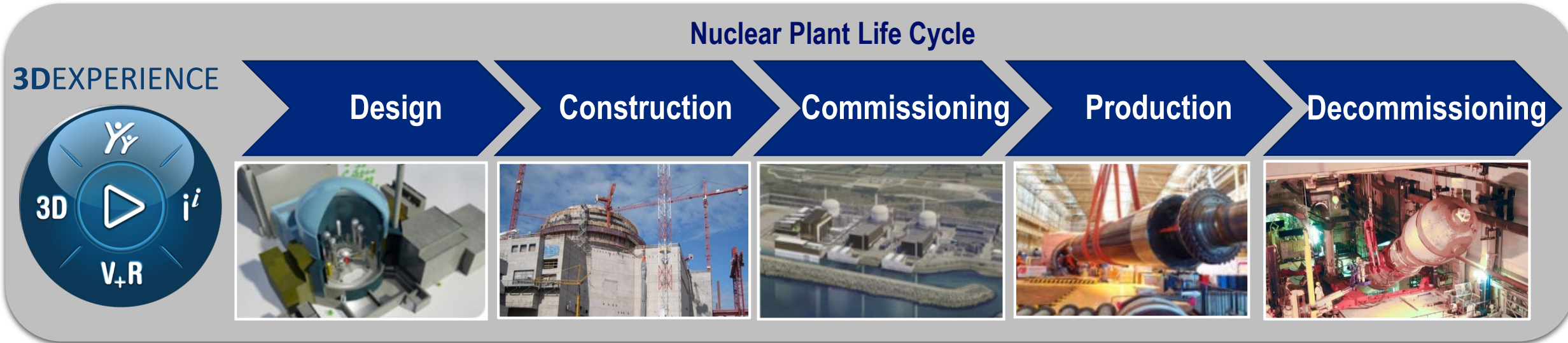
 **SWITCH**
Program

Xavier URSAT
Group Senior Executive
Vice President / New
Nuclear Projects &
Engineering



SWITCH Video IN 1'30

TRANSFORMATION ... FROM DESIGN TO DECOMMISSIONING



- Transform EDF engineering processes to improve competitiveness
- Embark all EDF nuclear ecosystem to obtain a better efficiency
- Long term partnership with Dassault Systèmes (20 years)
- Dassault Systèmes & Capgemini as **exclusive & strategic partners** to support EDF in this transformation
- **3DEXPERIENCE**: a unique innovative PLM platform for enabling a better collaboration through all

SWITCH, ONE AMBITION, 4 STRATEGIC PRIORITIES

AMBITION

Develop a digital, agile, industrialized and collaborative nuclear engineering to serve major industrial projects and the French nuclear industry

STRATEGIC PRIORITIES

Implement system engineering

Throughout the project lifecycle



Manage complexity, monitor requirements and results

Go from documentary to « data centric »

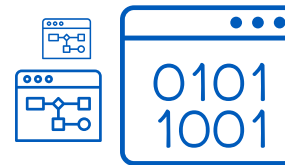
Data at the heart of our challenges



Master configurations

Standardize and digitalize our process

on the EPCC cycle and project management



Capitalize on our processes and expertise (KM)

Operate in an extended enterprise mode

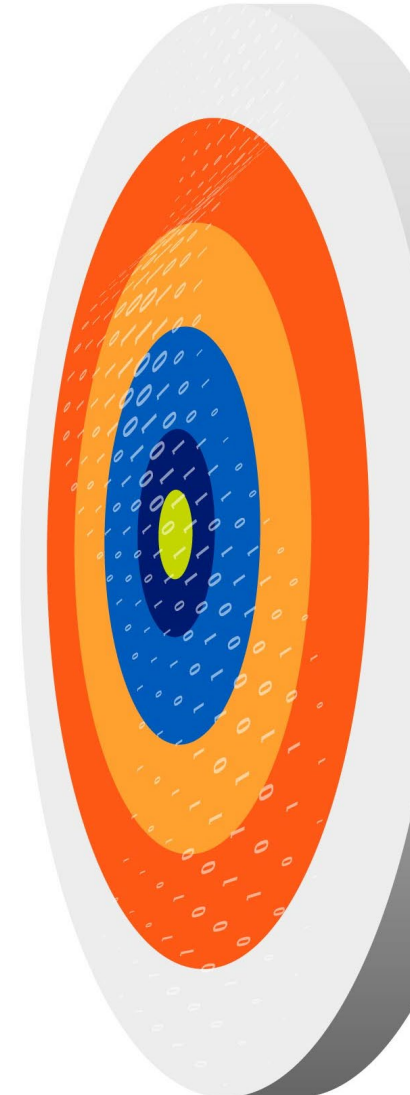
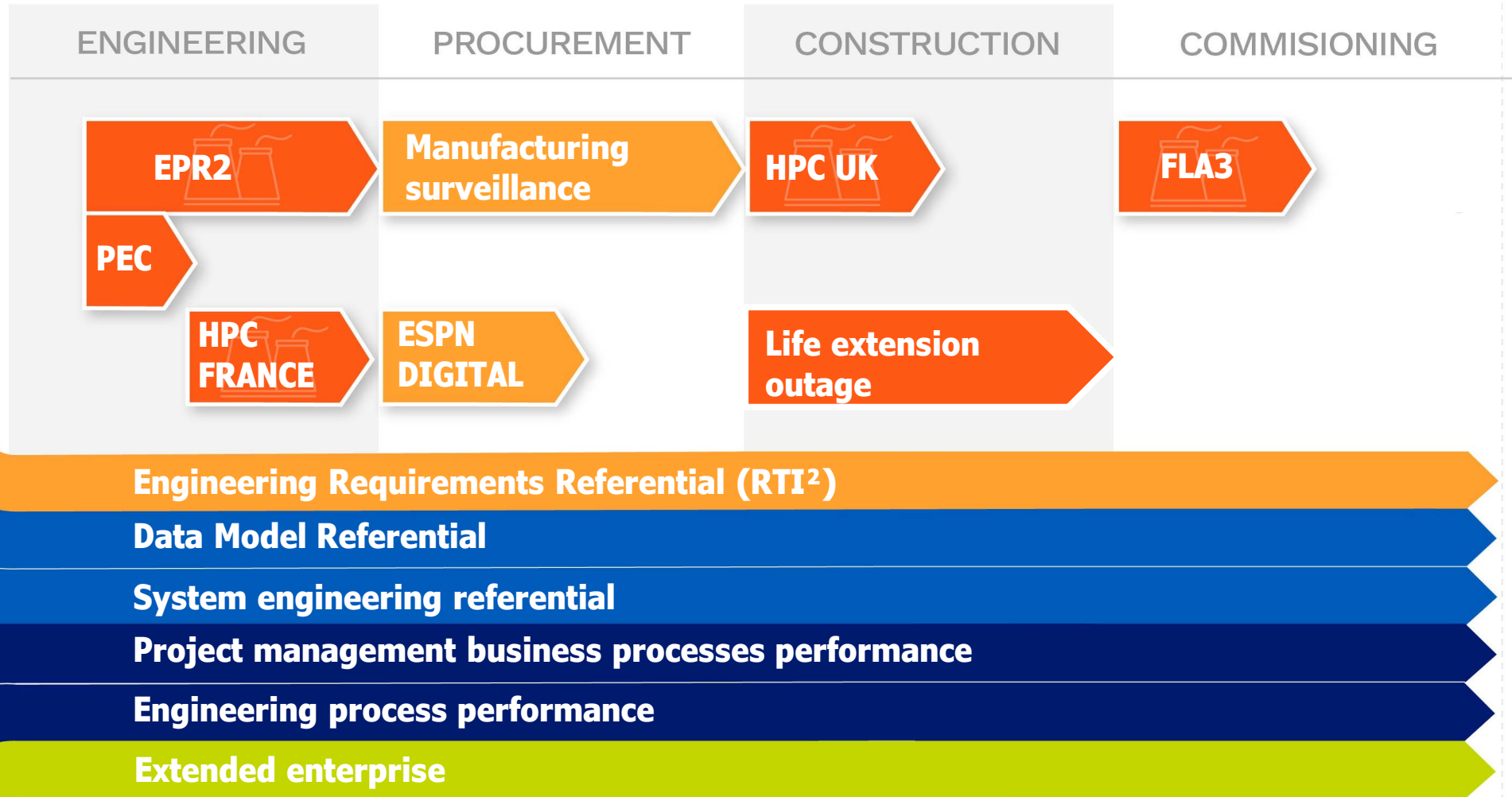
Processes and digital continuity



Sector orientation

- Rethink our processes in the logic of co-construction, in close collaboration with the users
- Build integrated, industrial and secured SI, by exploiting the digital platform capacities

PROJECTS AND TRANSVERSAL TOPICS





JEAN-BERNARD LEVY
EDF CHAIRMAN & CEO

PAUL HERMELIN
CAPGEMINI CEO

TOWARDS A MORE
COLLABORATIVE
SECTOR



APPENDIX

OPTIMIZATION, PERFORMANCE & COMPETITIVENESS



Productivity & avoided costs : reduction of engineering costs (engineering processes efficiency, reduction of the volume of resumption studies)



Asset data control until dismantling



Project mastery: planning, number of configurations, standards reuse on site...



Control of our installations integrity :
« as specified, as designed, as built »



Control of the total cost of the installation over the entire life cycle



Image of EDF engineering:
Competitiveness but also
attractiveness for engineers