



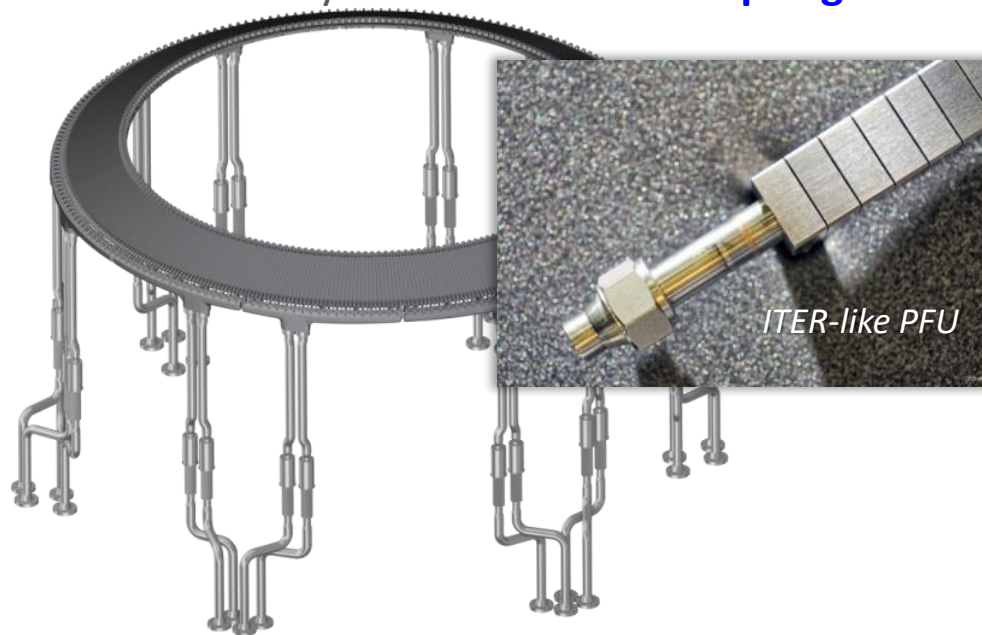
DE LA RECHERCHE À L'INDUSTRIE

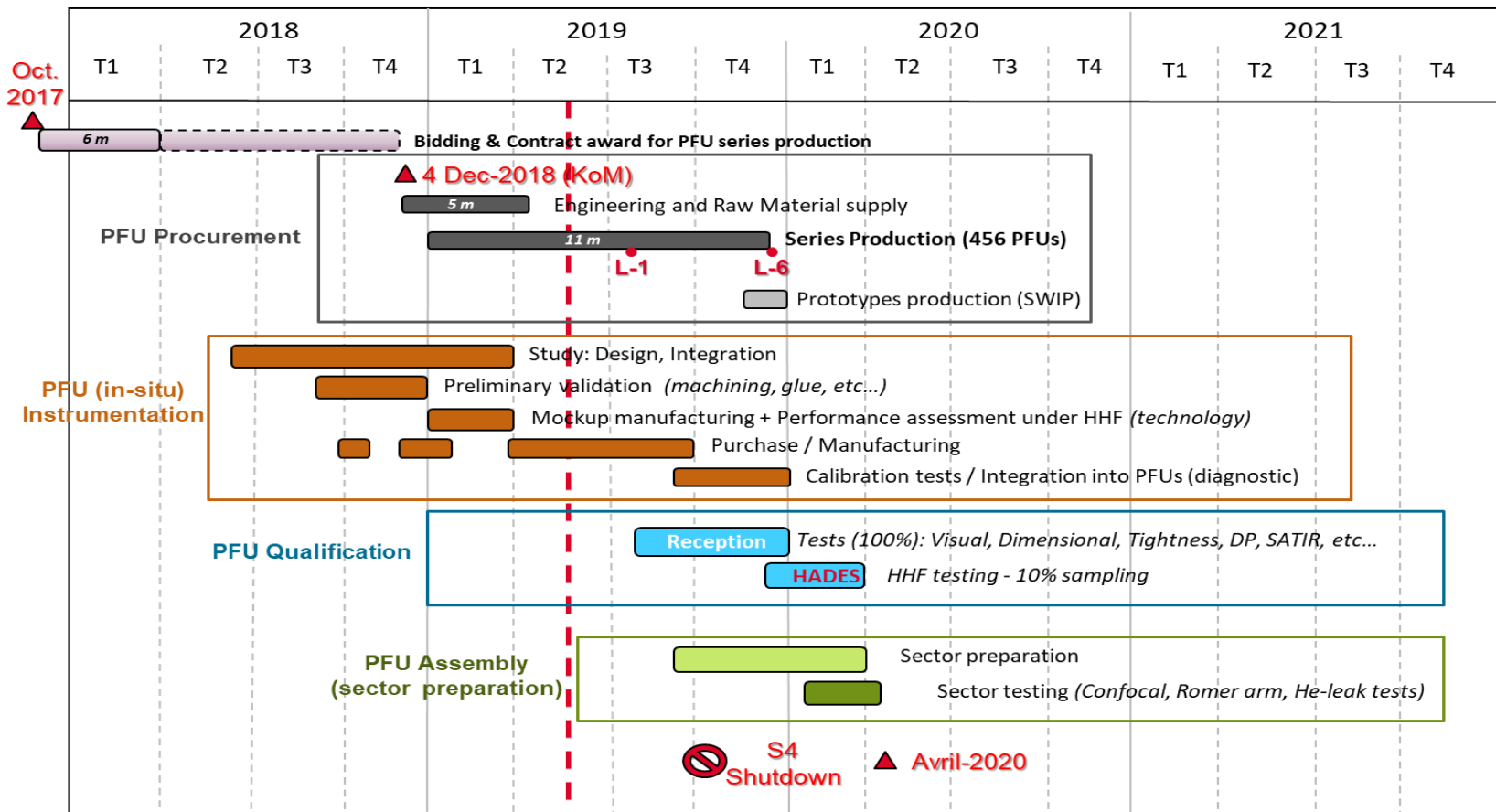
Launching WEST Phase II

A. Bécoulet

May 17th, 2019, Cadarache

- Contract for the manufacturing of 456 ITER-like PFUs awarded on **26 Nov. 2018**
- Kick off Meeting on **4 December 2018**
- First batch expected in **July 2019** → full delivery in **Nov. 2019**
- Phase 2 restart with the full actively cooled divertor → **Spring 2020**





- Positive recommendation of the **CEA Internal Audit on Fusion Activities**
- WEST operation supported by EUROfusion as a **Facility for Plasma Facing Components** during H2020 (2014-2020)
- WEST to apply for **Medium Size Tokamak** category for HORIZON EUROPE (2021-2027)
- WEST Phase II part of the EUROfusion **Plasma Exhaust (PEX) programme**
- WEST Phase II experimentation to be accessible for **remote participation** (test of REC during C3 + refurbishment of the Chateau “Concile Room” into a Remote Experimentation Center by 2020)
- Dedicated support to WEST Phase II Divertor by **SIFFER (Special Project Agreement)** signed Dec. 13th, 2018).
- Dedicated **Cooperation Agreement** with ITER Organization
- WEST favouring the **Cooperation Network** on metallic PFC design, manufacturing & operation

- Transfer to IRFM and Refurbishment of the **HADES** (formerly FE200) high heat flux electron beam facility. To be operational by Fall 2019. In complement of **SATIR** test facility
- Application for leadership of the EUROfusion **E-TASC project** “Design of a next generation European Edge and Boundary Code for reactor relevant devices with various magnetic configuration (including coupling to turbulence codes and pedestal-SOL interface)”
- Leadership of the F4E **ITER Wide Angle Viewing System**
- Dedicated contracts with ITER on **heat flux reconstruction** and **divertor probes**
- **ITER Fellowship**, EUROfusion Engineering Grant
- Leadership of the EURATOM co-fund action “**TRANSAT**”