



**FUSION
FOR
ENERGY**

7th ILO meeting

**Ongoing CFTs
and F4E business intelligence activities**

22nd April 2010 - Barcelona



- Architect Engineer contract signed
- Next step: an information meeting will be held next fall on buildings.



- **Gyrotron:** meeting planned in the UK (with Dan) to meet “He free” technology (requested by IO) gyrotron providers. Need of 4 systems if 2 MWe gyrotron or 8 systems if 1 MWe gyrotron (reminder: Jap: 8 MWe, Russia: 8 MWe too). Prototype needed for 2011.
- **CODAC:** meetings ongoing with companies.
- **HCD:** High Voltage Deck and HV DC Bushing for the Neutral Beam Injectors (1 MW voltage level- 3 units in total:
 - Procurement procedure: Competitive Dialogue, issued in February 2010
 - Start of the dialogue with selected participants foreseen for May-June 2010 (High Voltage indoor/outdoor equipment for voltages above 500 kV, & High voltage Bushings including HVDC for voltages above 500 kV)



- **Diagnostics:**
 - **Port Plugs:** decision to be submitted to the next GB concerning grants/Procurement.
 - **Other systems** (bolometers, infrared tech, optical, reflectometers, dust measurement etc): F4E and IO are discussing the administrative issues.
 - First contacts with the industry taken.



- **Analysis and codes:** meeting with the Dutch industry in Amsterdam the 16th of April (PA end of 2011).
- Framework contract running until 2013. No specific need.
- Regular questions on the subject.

- **Magnets:**
 - **Pre-compression rings:** F4E communicating and spreading the information in order to prepare the open procedure. Visit to the JEC in Paris to meet industrials (glass fiber + manufacturing).
 - Feedback received from Spain, companies will be contacted for a briefing prior to the procedure.
- **In-vessel:** (blanket); information day postponed to the 19th of May; 23 companies were registered.
- **Vacuum Vessel:** another information meeting for bidding consortia was held in Barcelona the 15th of April. Schedule is as planned.

- **Remote Handling:** meeting with the Italian industry in Frascati (25/02) (PA end of 2011). A general information meeting will be held in Barcelona by September-October.
- **Divertor:**
 - **Material:** on-going CFT with qualified companies (negotiated procedure)
 - **Mock-ups:** technical specification under revision (negotiated procedure; qualification done under EFDA)



- **Cryoplant:** we are currently looking at options ranging from a single contract with IO to multiple contracts for the EU part. Decisive meetings are ongoing.
- **Test Blanket module:** a first information meeting toward industry will be organised by September-October in Barcelona. BI will start the identification of competences in summer. Target of PA F4E-IO signed in December 2010.

Conclusion



- The ongoing CFTs and grants are handled as planned. One more big contract under process, to be signed by October 2010 (VV).
- **F4E is respecting the schedule of the adopted Work Programme.**