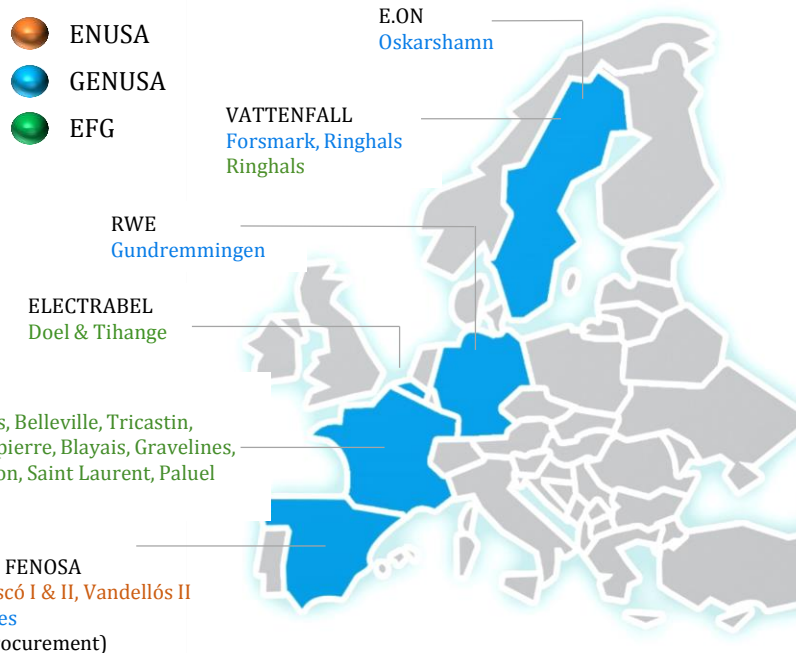
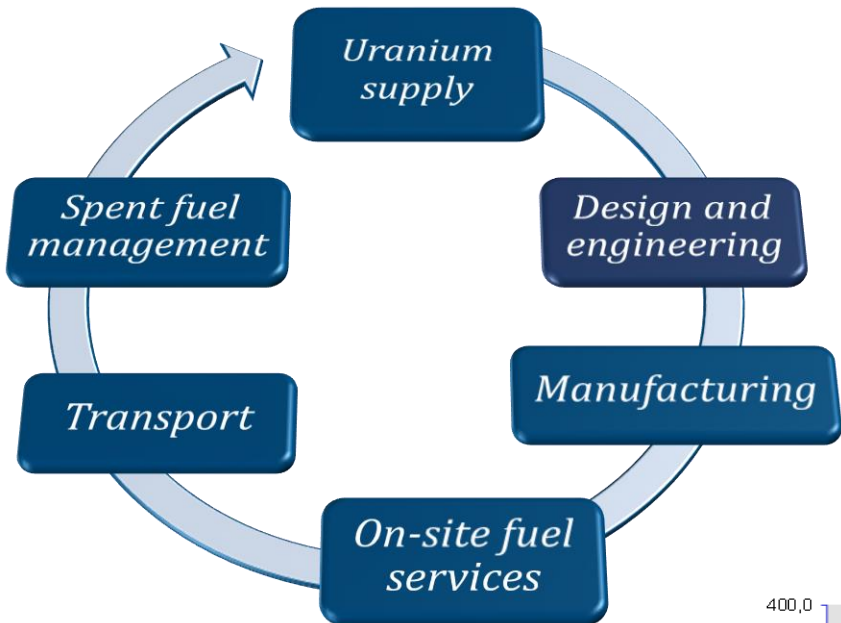


# CEIDEN-NNL UK

1-2 February 2016



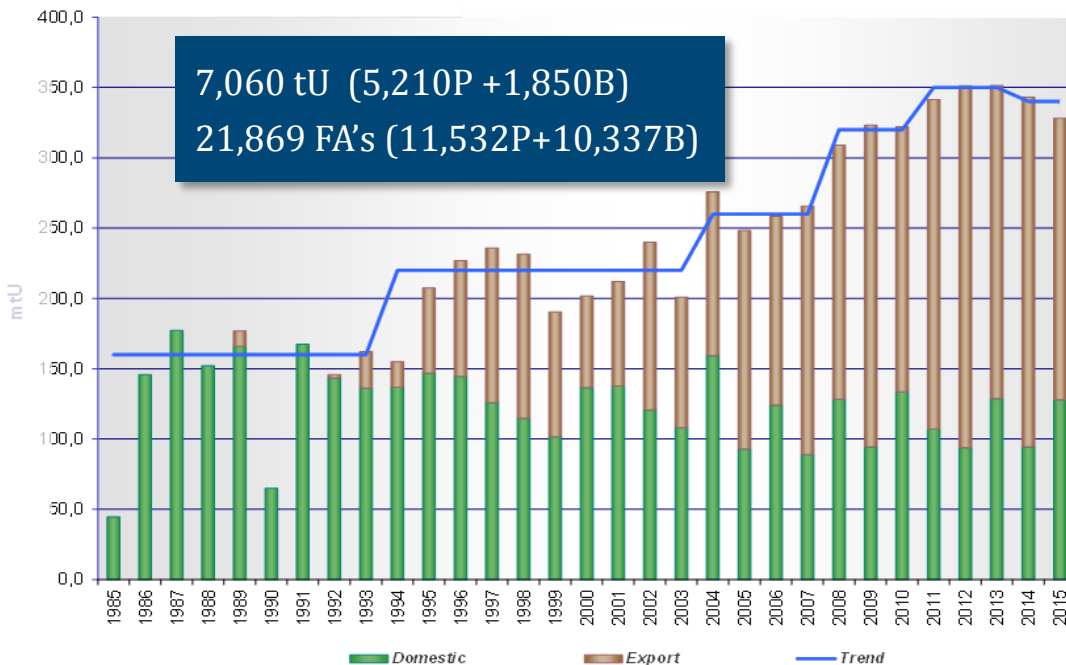
# ENUSA Fuel Business



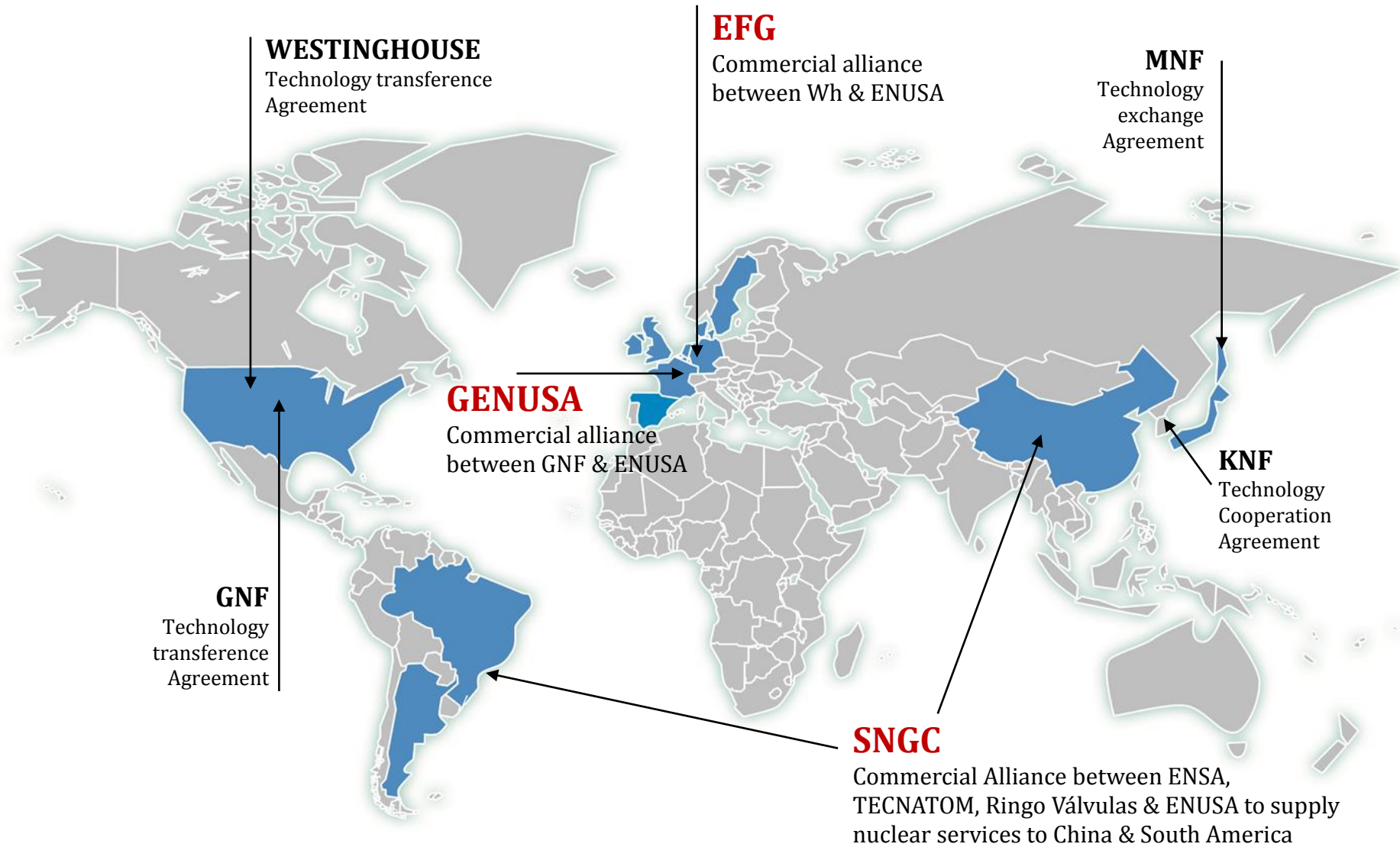
### Juzbado Fuel Manufacturing Plant

- Commissioning: 1985
- licensed enrichment: 5<sup>w</sup>/<sub>o</sub>
- capacity: 500 tU/year

**FY 2015 329 tU**  
**854 FA's (616 PWR + 238 BWR)**  
**62% exported to NPP's in France, Belgium and Sweden**

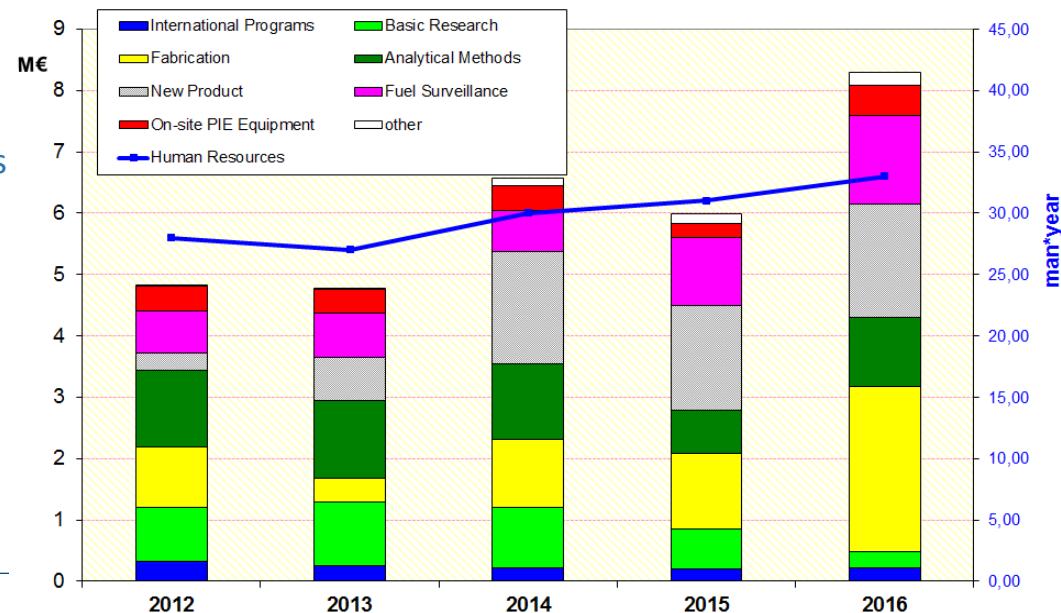


# ENUSA Commercial & Strategic Alliances



# ENUSA R&D

- Enusa invests more than 5% of annual Fuel Business revenue in R&D
- Active participation in fuel related International Research Programs: HRP, JHR, Cabri, SCIP (OCDE); FRP, Used Fuel & HLW (EPRI); ALPS (JAEA); ...
- LTA Irradiation Programs and basic materials research
  - o assess advantages of innovations, and provide data for validation
  - o well characterized fuel, operated beyond usual commercial limits, + hot cells + test reactor
  - o Spent Fuel Properties and behavior under storage and transportation
- Fuel Characterization Programs in collaboration with the Utilities
  - o ensuring systematic technology “feedback”
  - o Launched on early 90’s, and now well aligned with EPRI Fuel Reliability Guidelines
- “Internal” R&D Programs
  - o nuclear fuel products and design methods
  - o manufacturing /inspection techniques
  - o fuel field services capability



[www.enusa.es](http://www.enusa.es)

