



# Development of the supply chain: relying on local industrial involvement

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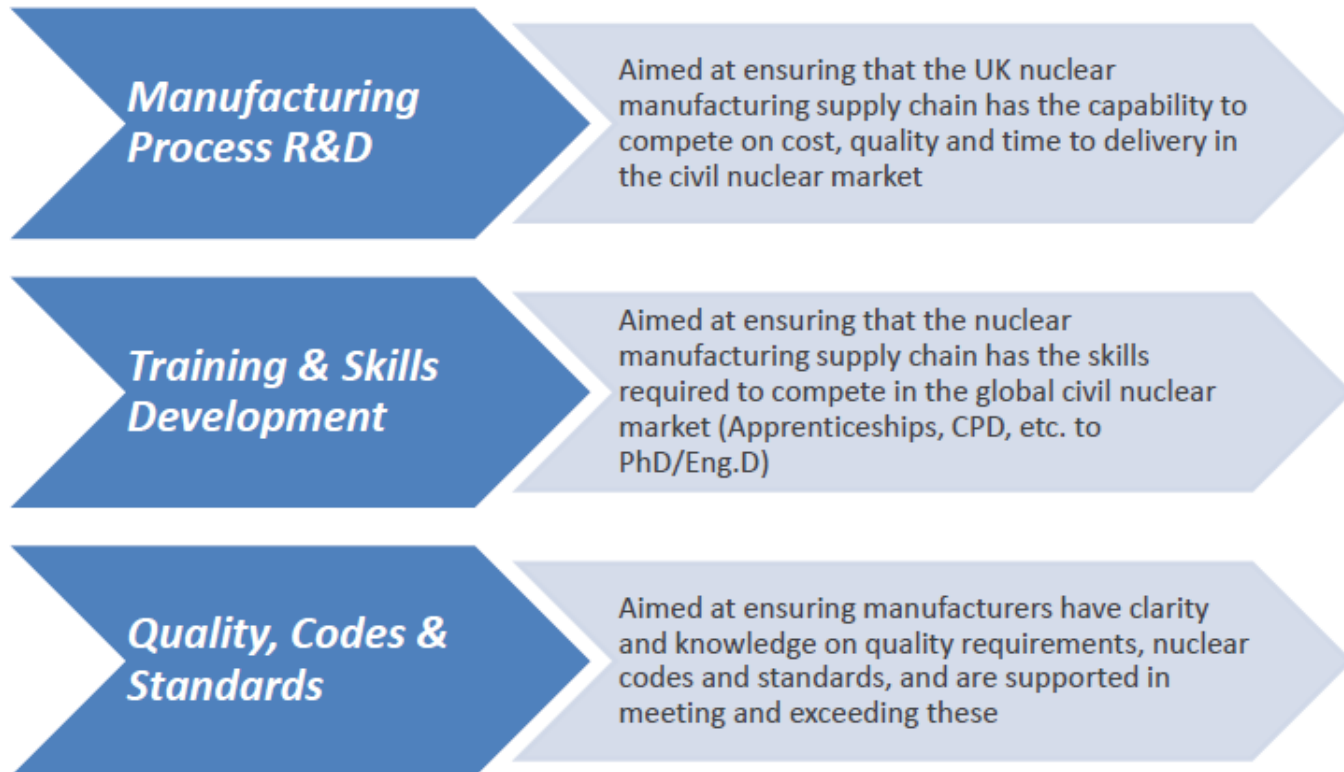
# Localization must be a national program supported by the Government



**Continuous process to be implemented up front of the Program**

# Illustration : UK Nuclear AMRC launched in 2009

## Nuclear AMRC: Work Programmes



NUCLEAR AMRC



**AREVA**  
l'avenir pour énergie

# Lessons learned – key success factors for local companies

## Selection process

- ▶ **Safety** culture implementation
- ▶ Supply chain control
- ▶ **Quality** requirements understanding
- ▶ Project management capacity
- ▶ **Documentation management**
- ▶ Design monitoring and software qualification
- ▶ Manufacturing activity control (test...)

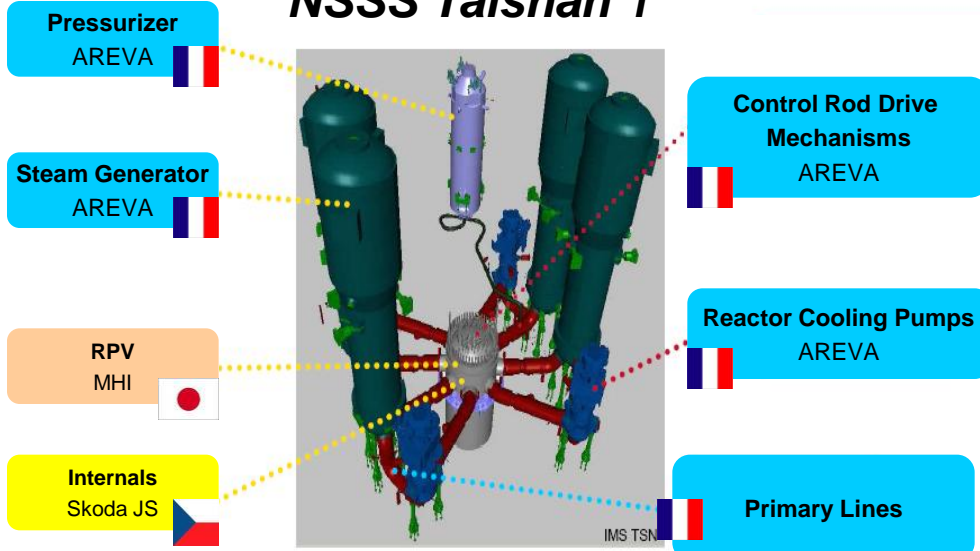
## Supplier involvement

- ▶ **Top management commitment**
- ▶ Employees safety culture
- ▶ **Quality Assurance + Quality Control**
- ▶ Sub-contractor management
- ▶ Non-conformance management
- ▶ Dedicated team
- ▶ Partnership / JV with experimented suppliers

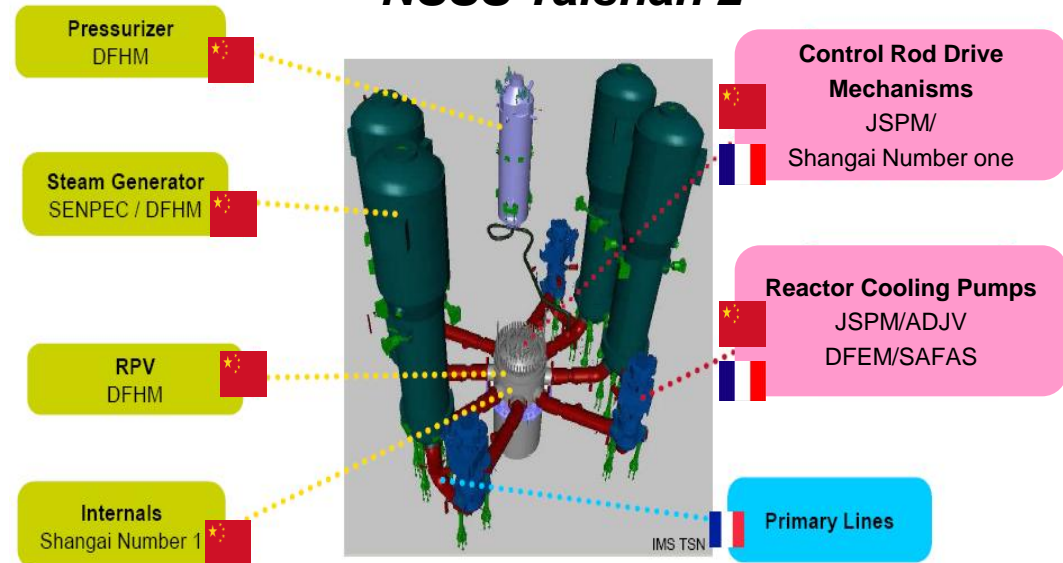
» **No compromise on quality requirements**

# Example of successful localization for primary components

**NSSS Taishan 1**



**NSSS Taishan 2**



» Investment set up to be able to deliver the most critical equipments

# Conditions to decide and reach a realistic target

- 1 ▶ Understand the role of the **government** and the owner
- 2 ▶ Assess the **time** needed for qualification of industry
- 3 ▶ Understand the **cost** for local companies entering a new business
- 4 ▶ Overall program **schedule** should allow for the development of a local program
- 5 ▶ **Regulatory** rules must be fully understood by all affected parties
- 6 ▶ **Quality** is never considered a trade off