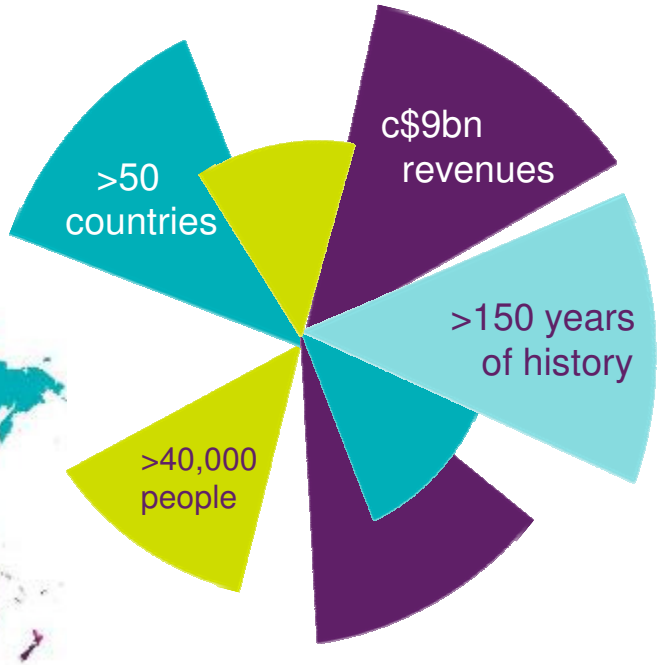
Amec Foster Wheeler
Connected excellence in all we do

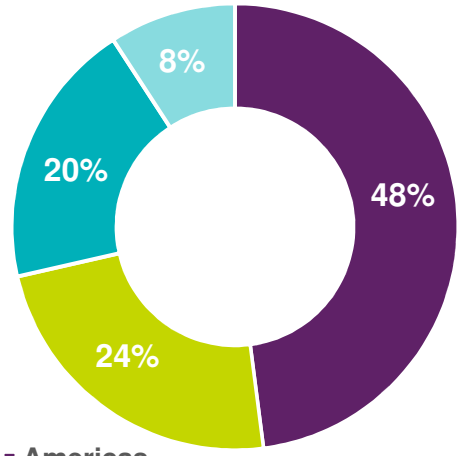
Mayur Jagatia
Nuclear Business Director, Japan

Who we are

- Listed on
  - New York Stock Exchange (AMFW)
  - London Stock Exchange (AMFW)



Revenues by business unit



Markets

- Oil & Gas
- Clean Energy
- Environment & Infrastructure
- Mining

Offerings

- Consultancy
- Engineering
- Project management
- Project delivery
- Ongoing asset support
- Specialised power equipment

Recent Involvement in US Nuclear Power Plants

*Review Suspended by Applicant

** COL Application Amended by Applicant to ESP on 03/25/2010

Environmental Assessment

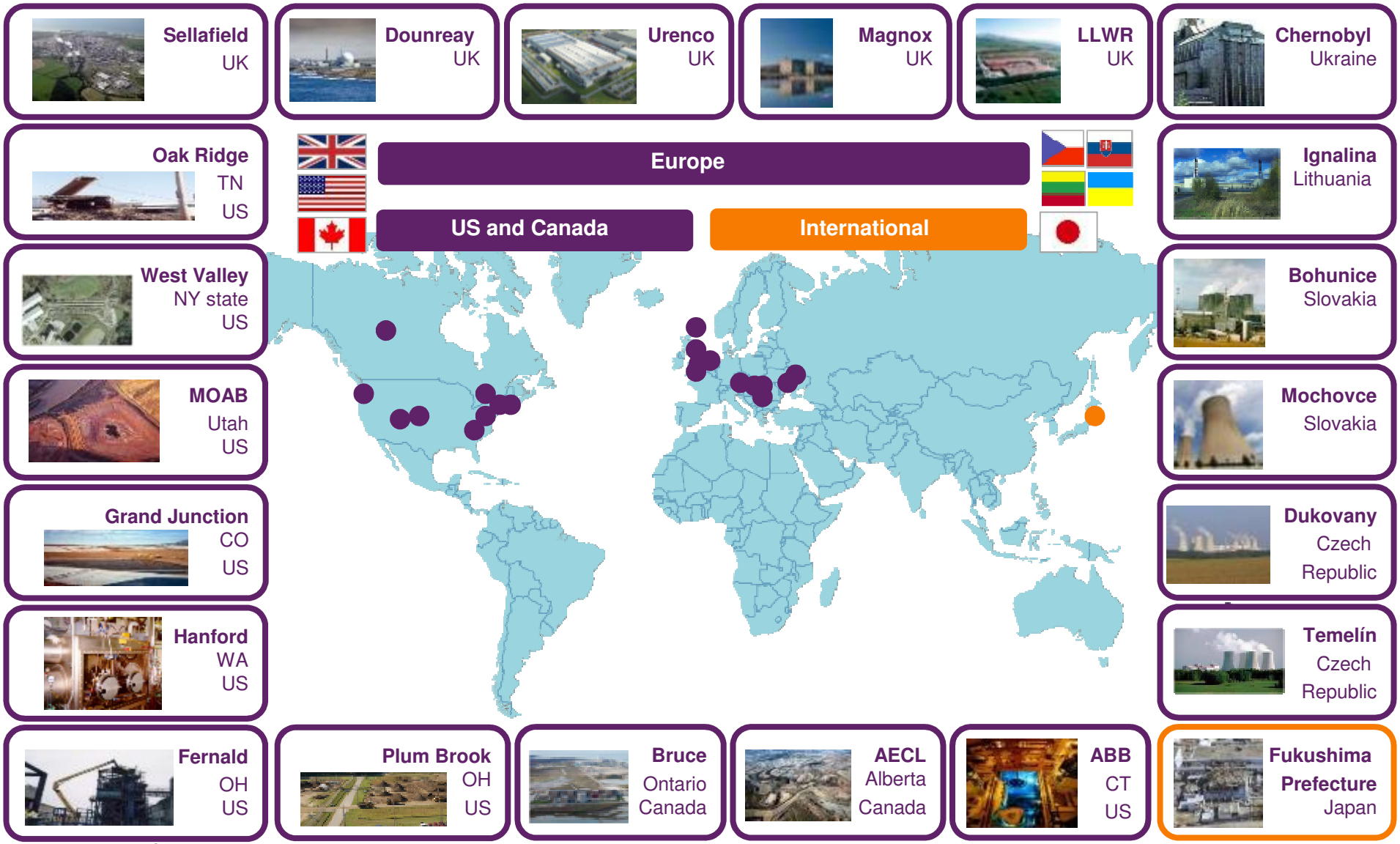
- Environmental Description
- Construction Impacts
- Operating Impacts
- Impact Mitigation
- Monitoring Plans
- Alternative Site Analysis

Safety Analysis

- Hydrology
- Flooding
- Tsunami
- Groundwater
- Geology
- Seismology
- Faulting
- Geotechnical

Amec Foster Wheeler Involvement

International Nuclear Decommissioning Projects
Delivering Globally – Partnering Locally



www.amecfw.com

Decommissioning capabilities

Engineering

Consultancy (safety, technical, radiological, environmental)

End of operations → Concept / front end of design → Detailed design → Manufacture / Build → POCO / Decontam → Dismantling / waste management → Demolition → Waste disposal → Site restoration

Decommissioning planning (new build)

Programme & project management, asset management

Interim End State

Multi-sector experience

Mature nuclear business (60 years)

Strong Expertise in developing decommissioning plans, strategies & costs

Over 1,800 qualified nuclear decommissioning specialists

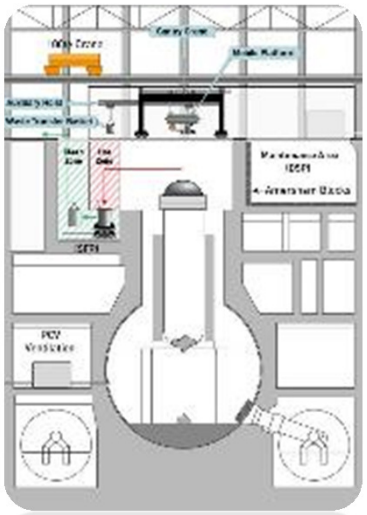
Image courtesy of Sellafield Ltd

Track record at the world's most complex & challenging sites

Examples of on site support areas

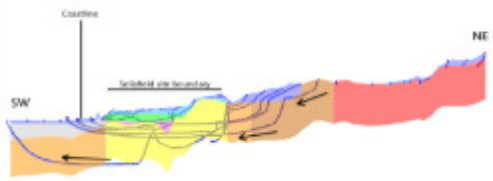
Remote Drilling

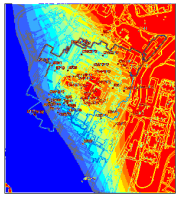
Inspection

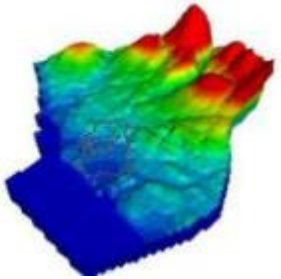


Sludge Retrieval

Leak Sealants



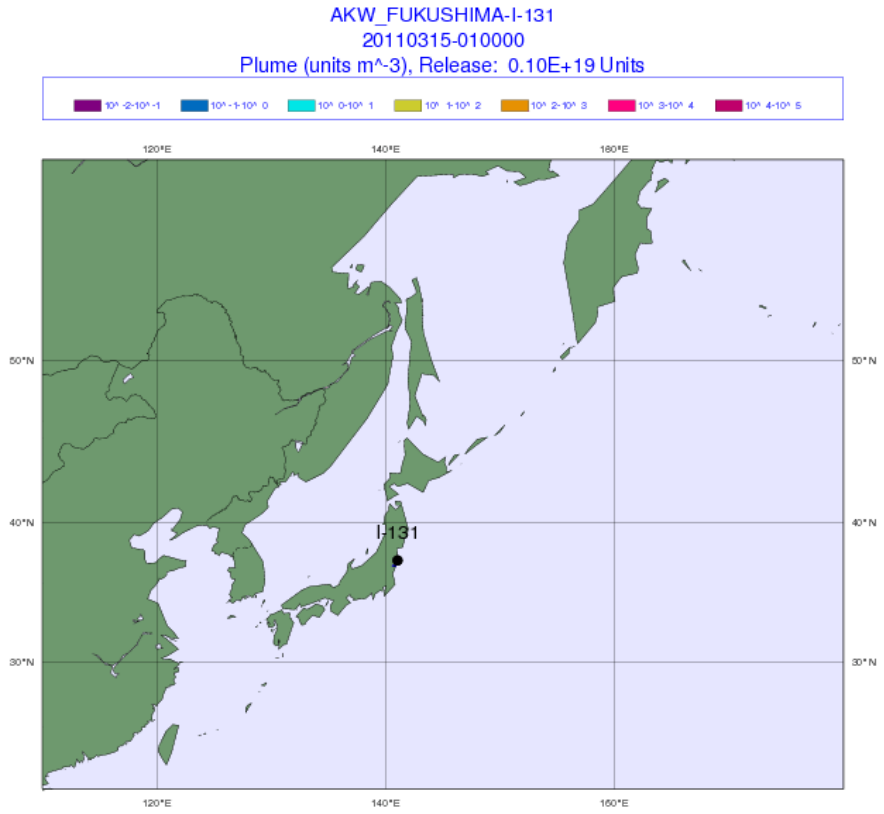




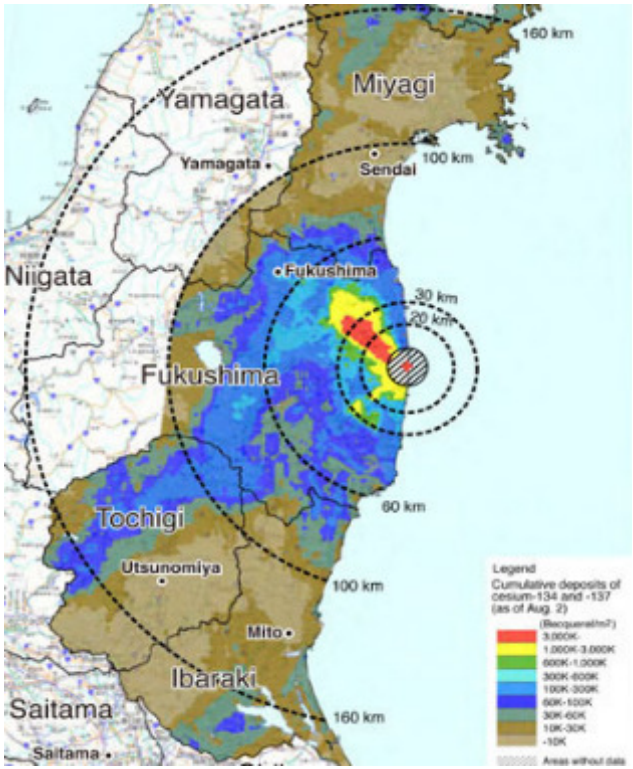
Underground Water Management

Geopolymer Encapsulation

Examples of off site support areas



Caesium surface disposition map



Surveying and remediation necessary

ORION ScanSort

amec foster wheeler

Benefits

Significant cost savings related to volume reduction of radioactive material for transport and disposal

Processes up to 300 tons of soil and debris per hour reducing the project schedule

Computerized processing and quality control reduces manpower requirements

Innovative technologies
MOE Naraha Town Demonstration, Japan 2013

Q&A