

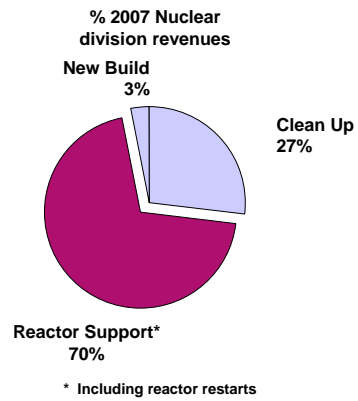
Reactor Support

Clive White
Vice President

Notes

Agenda

- What is reactor support?
- The market
- Market drivers
- AMEC differentiators
- Customer support examples
- Summary



Notes

What is reactor support?

- What do our customers want from their nuclear assets?
 - Safe operation
 - Keep the reactors running
 - Increase efficiency and output
 - Maximise time 'on the bars'
 - Extend operational lives
 - Restart of mothballed plants
- How do our customers want to achieve this?
 - Safely
 - On time
 - On budget

In depth knowledge and capability are critical needs

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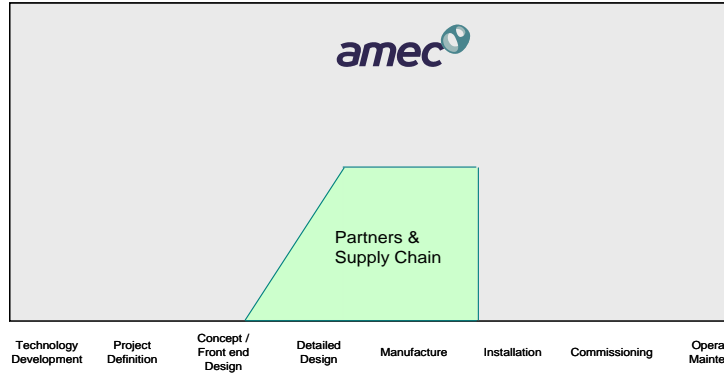
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What is AMEC's scope?



We provide a full suite of technical services to support safe operations of nuclear reactors and project integration services for implementation of asset improvement and plant lifetime extension projects.

Project Management
Integration
Safety & Regulatory
Technical Services
Process
Mechanical
E, C & I
Civil / Structural



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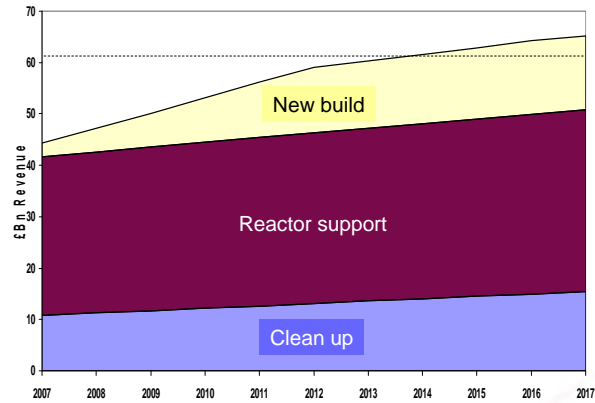
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Reactor support market



- Worldwide demand for electricity to double by 2030*
- Nuclear power capacity could double by 2030**
- 440 power plants# currently operational globally, with more than 100 in AMEC's current areas of operation

Global nuclear market by sector



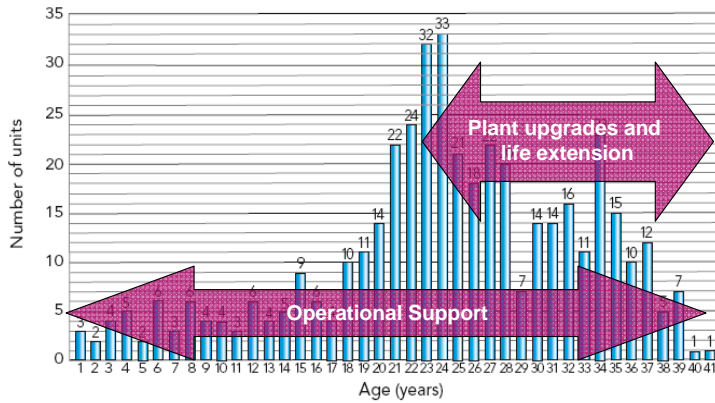
* IEA
** IAEA
WNA

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Market drivers

Number of operating reactors by age
(as at 7 January 2008)

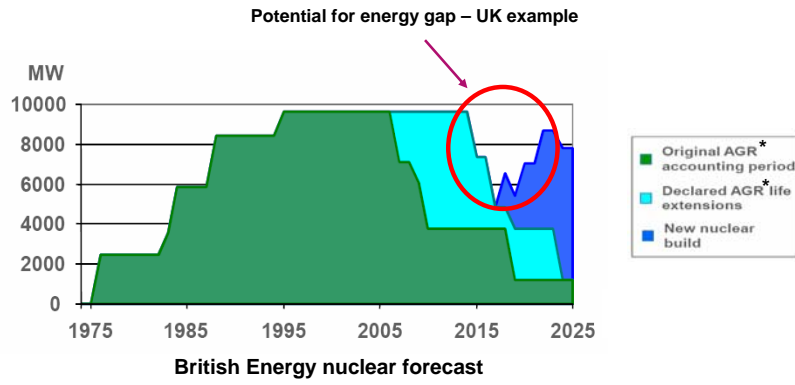


Note: The age of a reactor is determined by its first grid connection.
Source: IAEA (2008a).

Driving more profit from existing assets

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Market drivers



* Advanced Gas Cooled Reactors

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AMEC differentiators



- Strong safety culture
- Quality and quantity of resources, with in depth, expert knowledge of reactor designs and nuclear issues - original architect engineer capability
- Breadth of capability across the project lifecycle
- Local presence
- Enviably reputation for delivery
- Culture of treating 'customers' assets as if they are our own'
- Long-term customer relationships

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British Energy Alliance Services provided

- British Energy is the UK's largest producer of electricity (c.11,000MW)
 - 8 nuclear, 1 coal fired power stations
- AMEC has provided support through the lifetime of AGRs* and Sizewell B
- The Technical Support Alliance (TSA) is the key partner supporting:
 - continuing operation of nuclear stations
 - upgrades and life extension of ageing plant
 - recovery and emerging plant problems

* Advanced Gas Cooled Reactors



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British Energy Alliance Future implications

“... the TSA provides the company with long-term access to a highly qualified pool of engineering skills and experience”

Malcolm Twist, Head of Supply Chain and Outage, British Energy

Future implications

- New five year agreement awarded in 2008
- Joint identification and planning of British Energy's ongoing requirements
- Integrated delivery teams



Notes

Customer support – Canada

Canadian reactor support market

- 22 CANDU reactors, 12 operated by OPG, 8 by Bruce Power

OPG (Ontario Power Generation)

- Largest engineering and consultancy partner to OPG
- Acquired safety and licensing team from OPG in 2002
- Trebled the team size to >400 and broadened services
- Now the largest engineering and consultancy support partner for CANDU operation in Canada
- Evergreen partnering contracts in place

The logo for Ontario Power Generation features the words "ONTARIO POWER" in a bold, black, sans-serif font, with "GENERATION" in a smaller, black, sans-serif font below it. The word "POWER" is highlighted in red.

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Customer support – Bruce Power

- Bruce Power is Ontario's largest independent producer of electricity (4,700MW)
- AMEC project managing refurbishment of two previously shut down units
- Project includes retubing and steam generator replacement
- Overall contract value >C\$3 billion



“A lot of what we’re doing here is first-of-a-kind work. Before we started this project, there had not been a single steam generator lifted out of a CANDU unit anywhere in the world.”
Duncan Hawthorne, President and Chief Executive Officer, Bruce Power



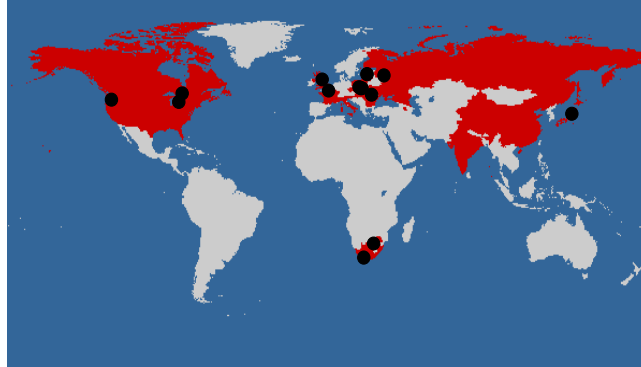
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Other reactor support markets

Principal focus:

- South Africa
- Czech Republic
- Slovakia
- Romania



● Countries worked in ● Offices and representatives

Strong in country presence in evolving markets

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Reactor support: Summary

- Market drivers are long term and sustainable, ensuring a strong, viable market place for the next 60+ years
- AMEC has a long and unique pedigree in the nuclear industry and is recognised as a leading independent nuclear expert
- Strong opportunity to continue to broaden geographically and deploy the full range of AMEC's capabilities



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