

# BRITAIN'S ENERGY COAST™

WM 2008  
The Phoenix rises in West Cumbria

**Rosie Mathisen**  
**Director: Nuclear Opportunities**  
**West Lakes Renaissance**

27 February 2008



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# BRITAIN'S ENERGY COAST™

## Global Energy Industry – key issues

- Climate change
- Security of supply
- Nuclear renaissance
- US and European investment
- Britain's Energy Coast™

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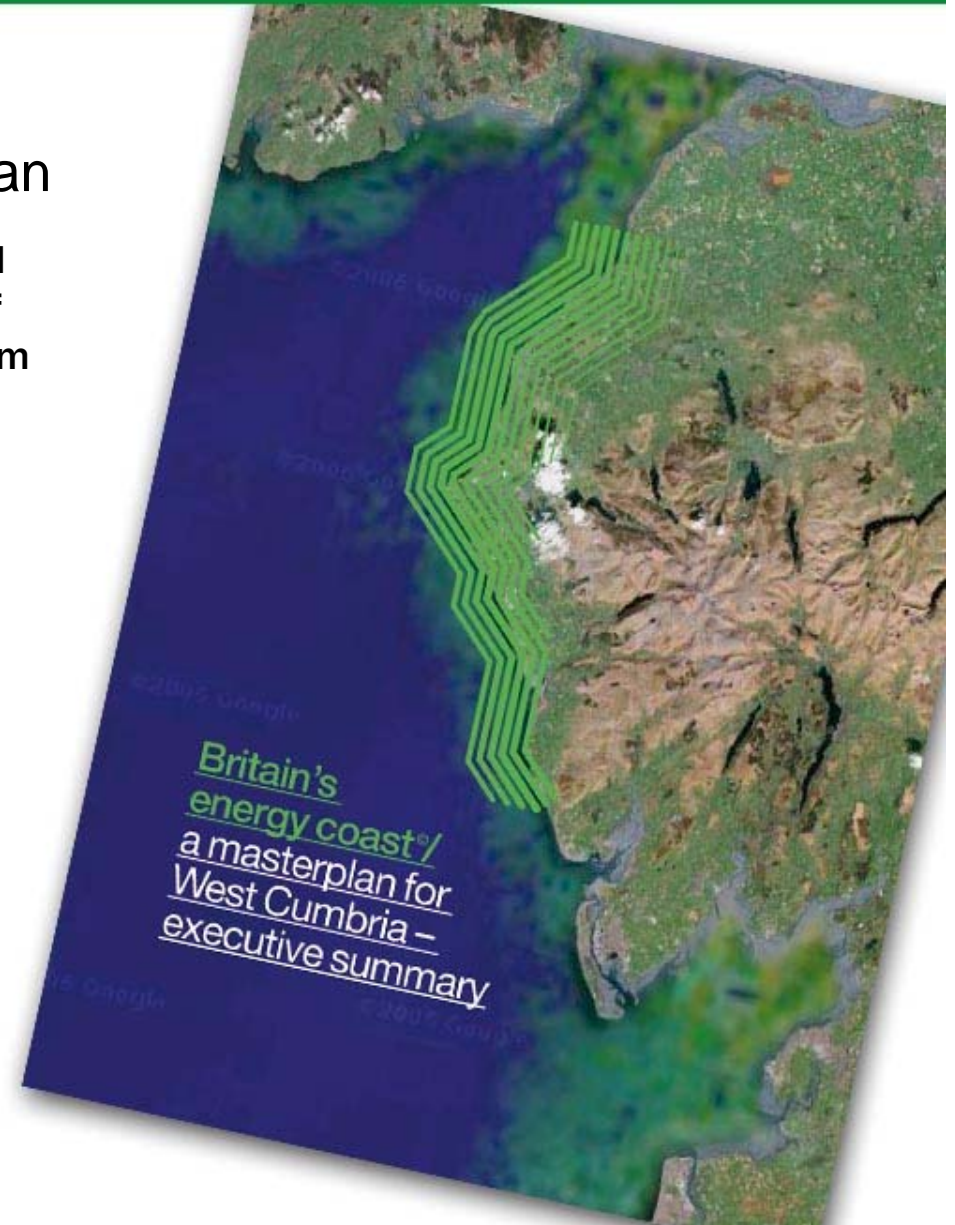


# BRITAIN'S ENERGY COAST™

## Britain's Energy Coast™ Masterplan

Top-level support across UK national, regional and local government led by John Hutton, Secretary of State for Business, Enterprise & Regulatory Reform (now DBERR but formerly DTI)

- Improving Business and Enterprise
- Investing in Skills and Research
- Enhancing Infrastructure



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# BRITAIN'S ENERGY COAST™

## Common Objectives

- Existing technology skills and research strengths
- Develop R&D capabilities and skills
- More technically skilled people to service the nuclear sector
- Raise aspirations in the next generation

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## Skills and Research

- National Nuclear Academy and its Cumbria flagship
- Dalton Cumbria Facility – University of Manchester
- Skills development programme for Sellafield and supply chain
- University of Cumbria and provision for priority skills
- National Nuclear Laboratory Headquarters
- Better Schools for the Future/Academies Programme
- Enterprise training in schools



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# BRITAIN'S ENERGY COAST™

## West Cumbria - Energy, Expertise and Experience

### Live energy sectors

- Nuclear fuel reprocessing – Thorp
- Offshore oil and gas
- Renewable – Irish Sea and largest UK off-shore wind farm

### Internationally competitive skills

- Environmental remediation
- Engineering
- Decommissioning
- R & D – double the regional average

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## West Cumbria – hub of UK decommissioning

Location of the UK's Nuclear Decommissioning Authority HQ

- Safe and efficient decommissioning of nuclear facilities
- Managing radioactive wastes
- Maximising commercial value
- Delivering hazard reduction

NDA investment - delivering skills, R&D and supply chain development.

- Nuclear Academy
- Dalton Cumbria Facility  
– University of Manchester
- National Nuclear Laboratory



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## Sellafield Site

- Largest, most complex and challenging nuclear site in the UK
- Prioritized high hazards
- Next 3 years – opportunities represents 58% of NDA budget (\$16 billion – current business plan)
- Parent Body Organisation competition - contending consortiums
- Bundled contracts at Tier 2 level
- Decommissioning Framework Alliances - Teaming and Partnering
- Strategic European investment

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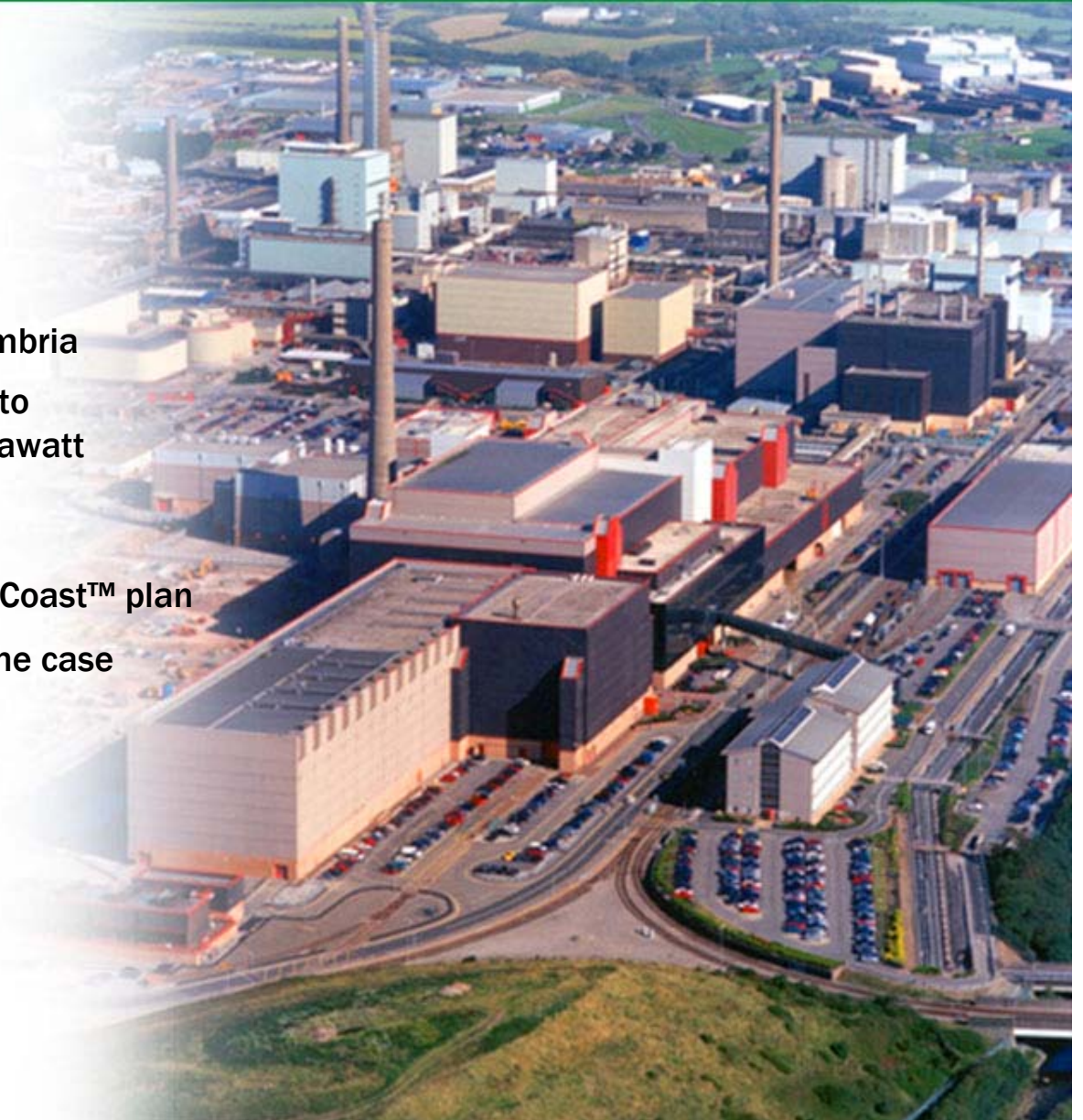
## Sellafield – the future?

- UK government backing new nuclear power stations
- Strong local support in West Cumbria
- Enough uranium and plutonium to power 2 x 3<sup>rd</sup> generation 1.6 Gigawatt reactors for 60 years with no Government funding
- Key element of Britain's Energy Coast™ plan
- Package of actions to prepare the case for Sellafield

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# BRITAIN'S ENERGY COAST™

## Strong community commitment

**“This policy is excellent news for West Cumbria whether or not we receive any new reactors but the race is now on for us to make the case for the private sector to invest in nuclear new build at Sellafield.”**

*Jamie Reed, Member of Parliament for Copeland in West Cumbria*

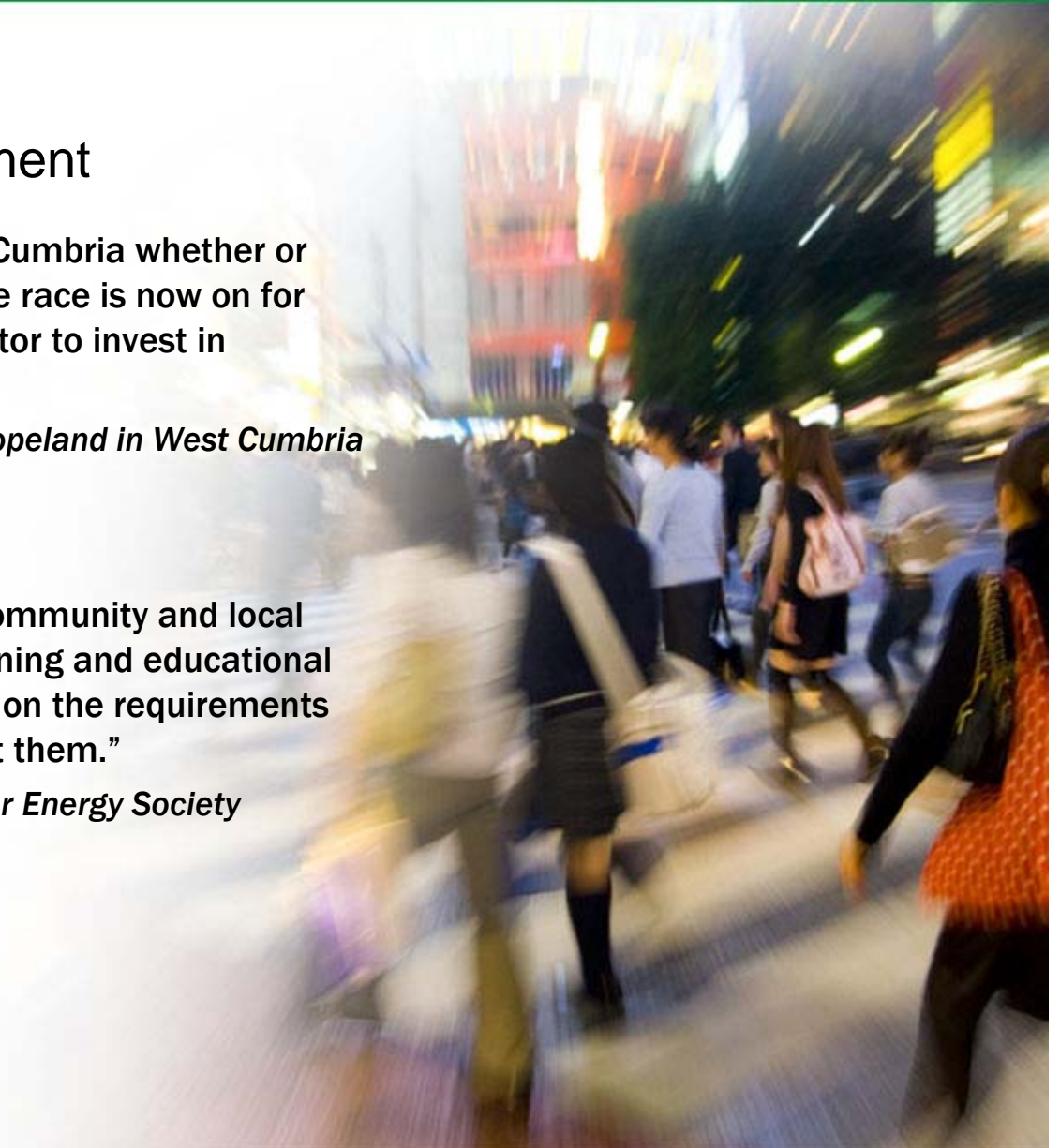
**“Cumbria has the commitment of its community and local authorities...it has a strong nuclear training and educational group that can make a positive impact on the requirements of new build. As such BNES will support them.”**

*John Earp, President of the British Nuclear Energy Society*

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# BRITAIN'S ENERGY COAST™

## International presence

CH2MHill

Washington Group

Fluor

Serco/Bechtel/BWXT

Jacobs

Energy Solutions

MWH Global

Onet Technologies

SA Robotics

SEC – Safety Ecology Corporation

UK Exchange Monitor

Nukem

Aker Kvaerner

Studsvik

AMEC Nuclear

E2 Consulting

Nuclear Technologies

Doosan Babcock

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# BRITAIN'S ENERGY COAST™

## Internationally recognised UK centre of nuclear expertise

**“The existing skills and expertise in West Cumbria has helped us to make our decision to base our UK HQ here. It’s a known fact in Europe that West Cumbria is an important area for the future energy market – and not just in the UK.”**

***Fred Ballerin, Executive Manager, Onet Technologies***

**“We see West Cumbria as the largest market in the UK for our professional engineering and scientific consultancy services. We recognise that there are many self-motivated highly capable technical individuals in West Cumbria who will help us to realise our ambitions.”**

***Rob Thied, Principal Consultant, Nuclear Technologies***

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# BRITAIN'S ENERGY COAST™

## Doing business on Britain's Energy Coast™

- Good long-term opportunities  
- not just NDA market
- Wide variety of business support available  
West Lakes Renaissance  
Invest in Cumbria  
West Cumbria Development Agency
- Established networking group –  
West Cumbria Business Cluster

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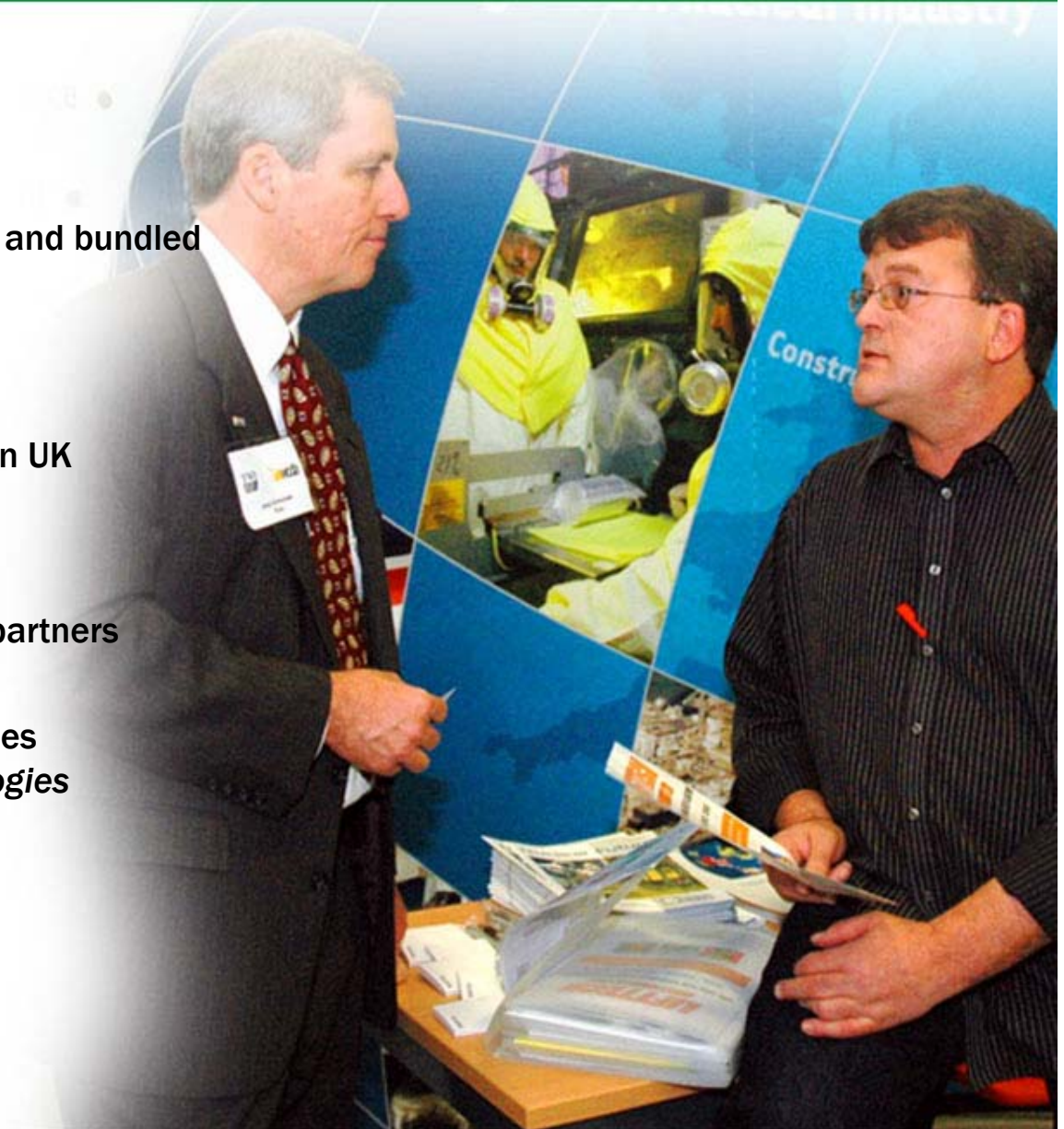
## Top Tips

- Sellafield procurements are large and bundled
  - need to team
- UK teaming just starting
  - new way of working
- Go through own US contacts and in UK
- Invest before expecting results
  - local presence important
- Search for and engage with local partners
  - look for partnering opportunities
- Use local business support agencies
  - *E2 Consulting and Onet Technologies*

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# BRITAIN'S ENERGY COAST™

What now? View business opportunities:



[www.sellafieldsites.com](http://www.sellafieldsites.com)

Use the supplier link to find Commercial Opportunities. Links to future Procurement Plan and opportunities in Complete Tender Management (CTM).



[www.wcscportal.co.uk](http://www.wcscportal.co.uk)

West Cumbria Supply Chain portal. Information on current tenders.

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# BRITAIN'S ENERGY COAST™

## A good place to do business

- Market opportunities
- European base for the global decommissioning market
- PBO bidders see Sellafield as route to other markets
- Local talent, capability and expertise
- Proven support from community partners
- Adjacent to the most environmentally attractive area of England
- Long term future

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