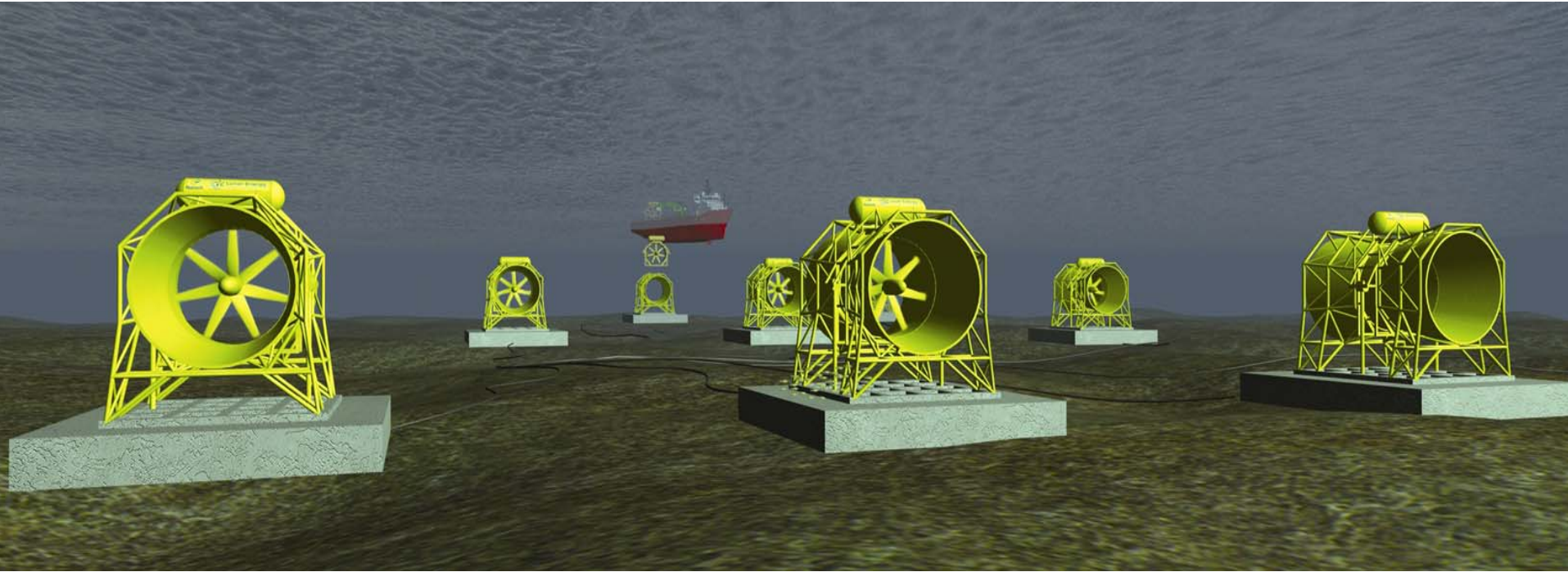


# Overview:

Cynthia Rudge



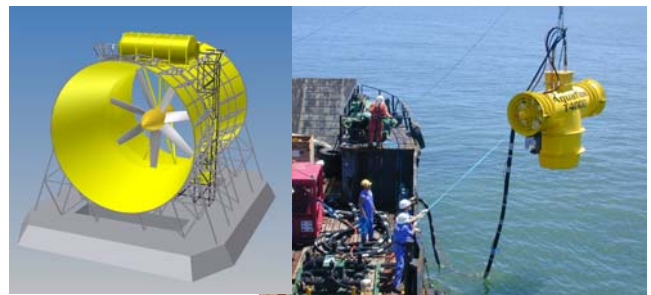
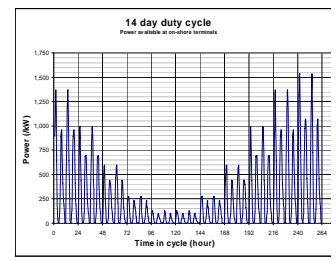
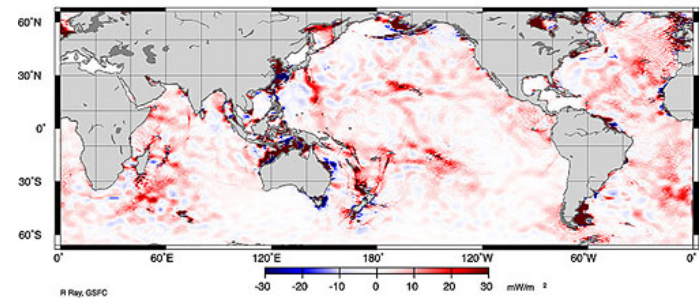
predictable • invisible • economic



# Overview

- New Worldwide Market Opportunity
  - UK leading due to government drivers
  - Canada a valuable new market
- Predictable Power Generation
  - Good contract terms with power utilities
- Simple Robust Technology
  - Transfer of proven technology not invention
- Experienced, Commercially Successful Team + Collaboration + Contractors
- Simple, Coherent Commercial Strategy

Global Tidal Energy Dissipation (Source: NASA)

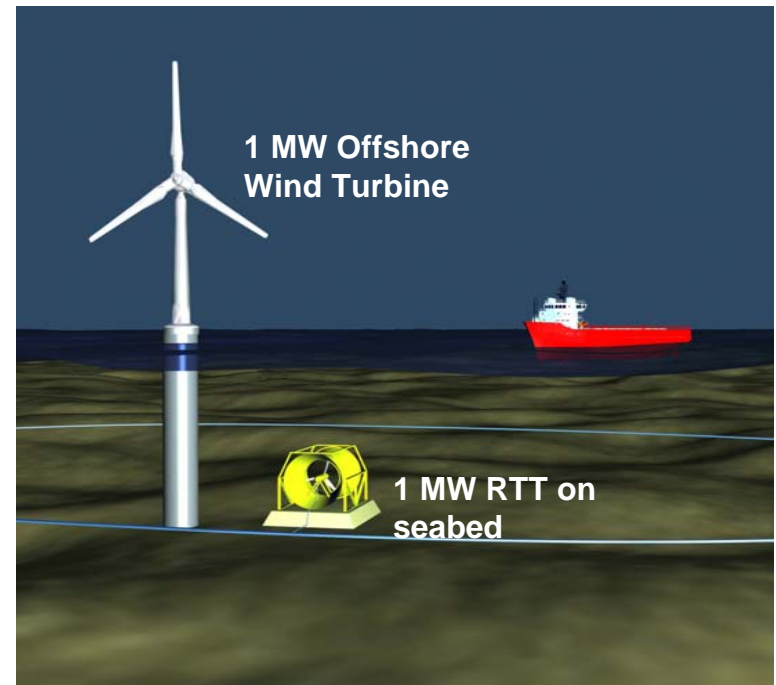


New Market Opportunity

# Why Lunar Energy?

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- Subsea location, sits on seabed
- Environmentally sensitive
- Invisible from above the surface
- No impediment to shipping or other social activity
- No shoreline equipment required



# Why Lunar Energy?

- Based on existing proven, commercially available components & technology
- Standard, proven North Sea Oil fabrication, installation and maintenance procedures
  - Challenge of infrequent servicing
- Using existing technology means:
  - Low cost, commercially competitive, \$50/MWh
  - Fast to market, within 3 years
  - Already validated by key industrial & energy operators



# Why Lunar Energy?

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- Technology development outsourced to Rotech:
  - Developers & Suppliers - Specialist sub sea & Oil & Gas equipment
  - Experienced in off-shore operations
  - Fabricator to off-shore oil and gas markets
- Technology protected by international patents
- Lunar Energy owns exclusive worldwide, in perpetuity licence
- Established high calibre commercial team



# Why Lunar Energy?

- **William Law**

- 35 Years Board level Management
- 10 years in Energy
- Devised, Developed EPRL (UK's largest Biomass company)



- **Alan Young**

- Director of Operations John Brown Engineering Ltd (1982-89)
- Set up 60 Power Stations Worldwide
- Commercial Director Scottish Hydro (89-94)
- Commercial Development Director



- **Simon Meade**

- 20 Years RAF -
- Chief Operations Officer – Harrier Squadron
- Annual operating Budget (£5M) and assets (£300M)
- Leader of Red Arrows (Blue Angels, Thunderbirds) –
- Overseen Development of Lunar since 2002

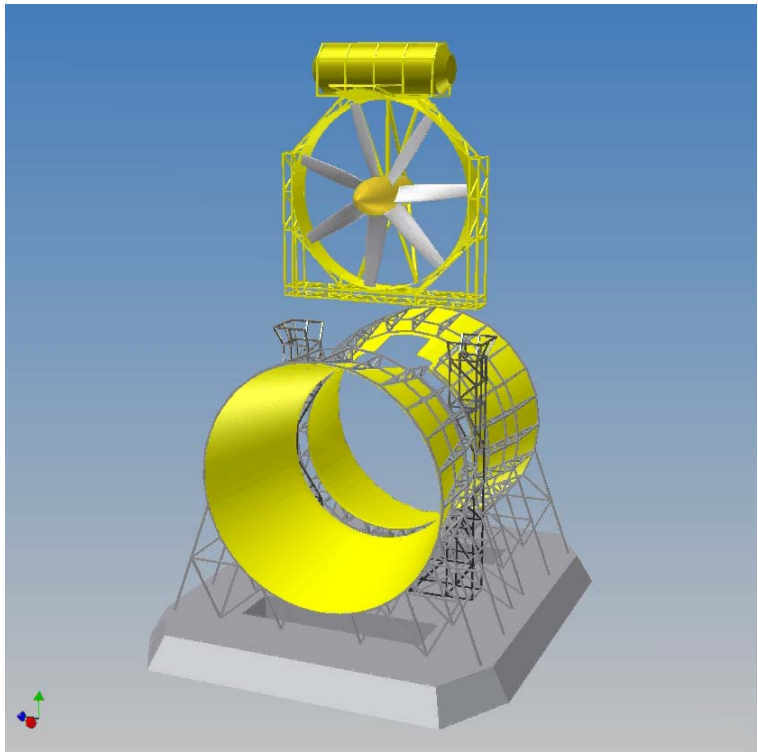
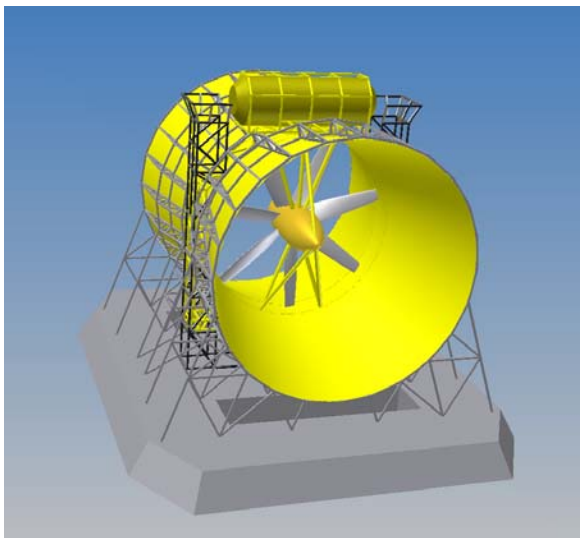
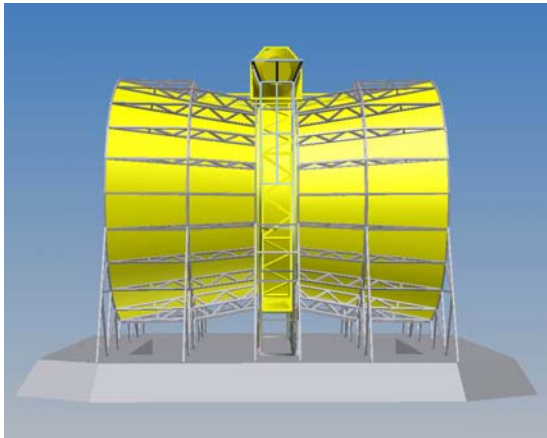


- **Rotech:**

- **Dr Hector Susman**
- **Dr David Thompson**
- **Donald Stewart**
- **Martin Graham**
- **Ken Stewart**

2 Degrees in Engineering - Product Development & Innovation  
Fluid Dynamics and Turbine Design  
Computational Fluid Dynamics, Mechanical Engineering  
Civil Engineering and Design  
MD Rotech – Chartered Accountant

# Rotech Tidal Turbine



# Funding and Commercialisation Plans

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- \$10m public/private funding to date
- 2 grant awards from UK Department of Trade and Industry (DTI)
- Expect to access UK Marine Deployment Fund for 10MW field in 2007
- Full design by leading offshore design consultancy Atkins now complete
- Fabrication of prototype beginning end of November 2005
- Test berth secured at EMEC in Orkney, Scotland
- Deployment of 1MW prototype in August 2006
- Development of 2MW commercial-size unit based on prototype testing
- Overseas demonstration facilities in 2007
- License the technology to project developers