

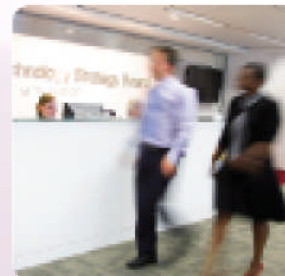
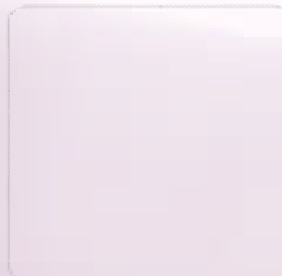
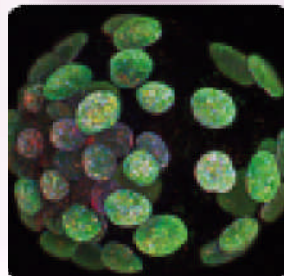
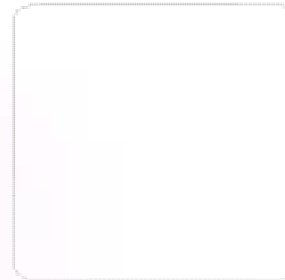
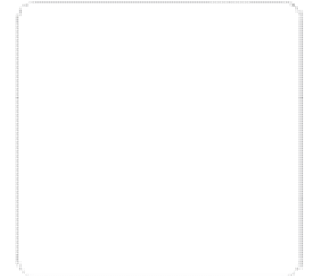
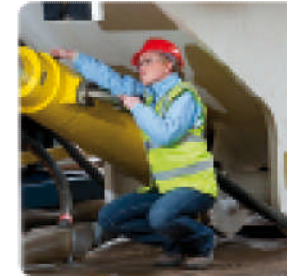
Technology Strategy Board

Driving Innovation

Our role in Energy Innovation

Date : 20th May 2010

Name : Will Davies



Technology Strategy Board

Driving Innovation

Our focus

- Primary focus on business and UK wealth creation
- Low carbon agenda driving business opportunities for UK companies
- Government Targets play an important role
- Including security of supply

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Driving Innovation

Priority EG&S Areas & stakeholder Landscape

Offshore Wind



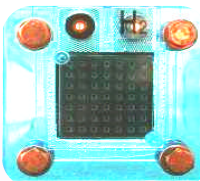
Wave & Tidal



Carbon Abatement
Technologies
Large Power Stations



Fuel Cells &
Hydrogen



Maximising Oil &
Gas Resources



Future & Emerging
Opportunities



- Utilities/Operators
- Equipment Suppliers
- Trade Associations
- Site owners/planners/EPCs
- Universities
- Research Institutes
- Investment Firms
- Certification Bodies
- Regulators
- Gov Funding Bodies
- RDAs/DAs
- Other KTNs

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Driving Innovation

Supporting Innovation right across a Low Carbon Economy is a priority for us

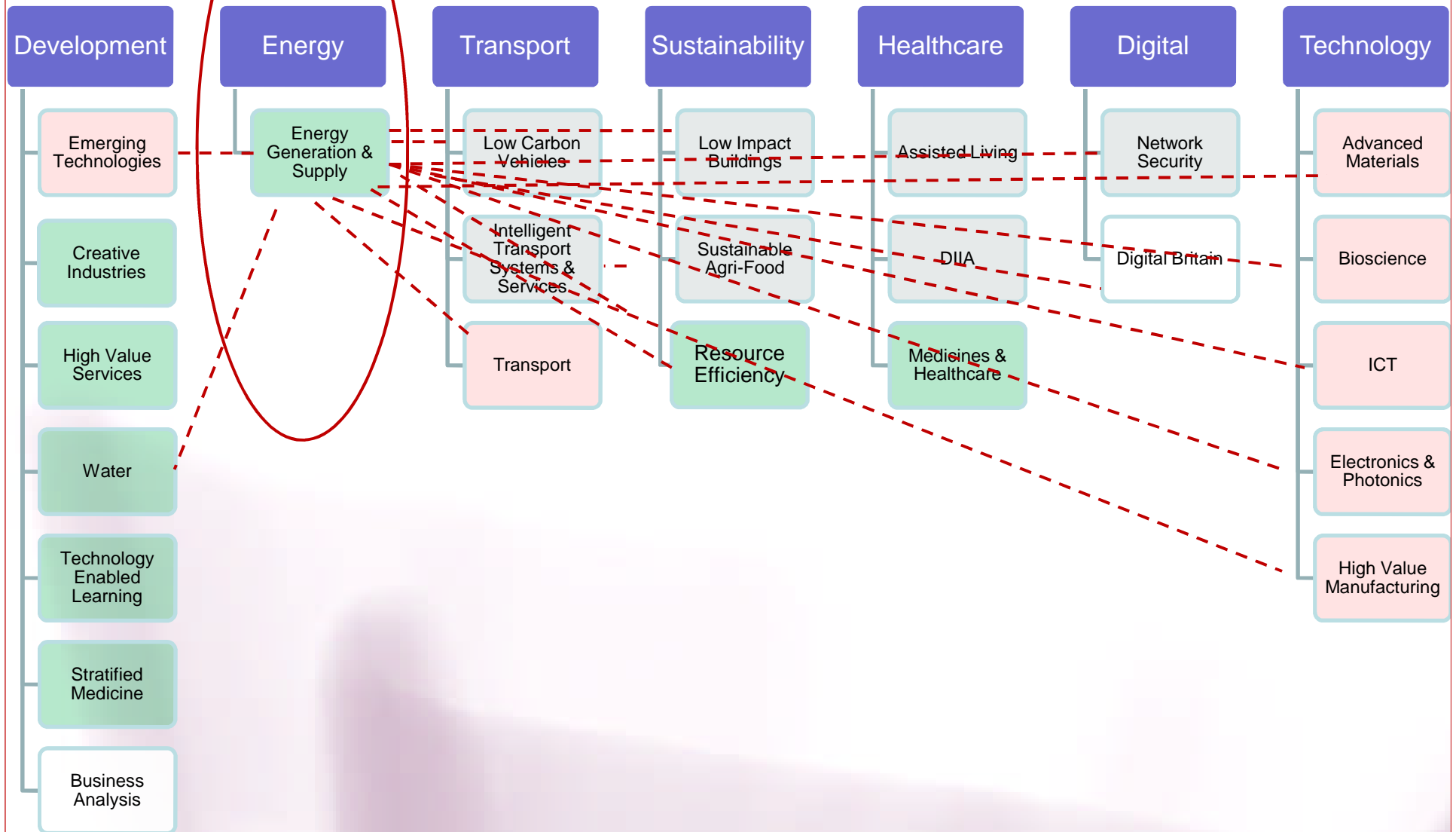
- Energy Generation and Supply
- Low Carbon Vehicles
- Low Impact Buildings

- underpinning technologies
- member of the Low Carbon Innovation group



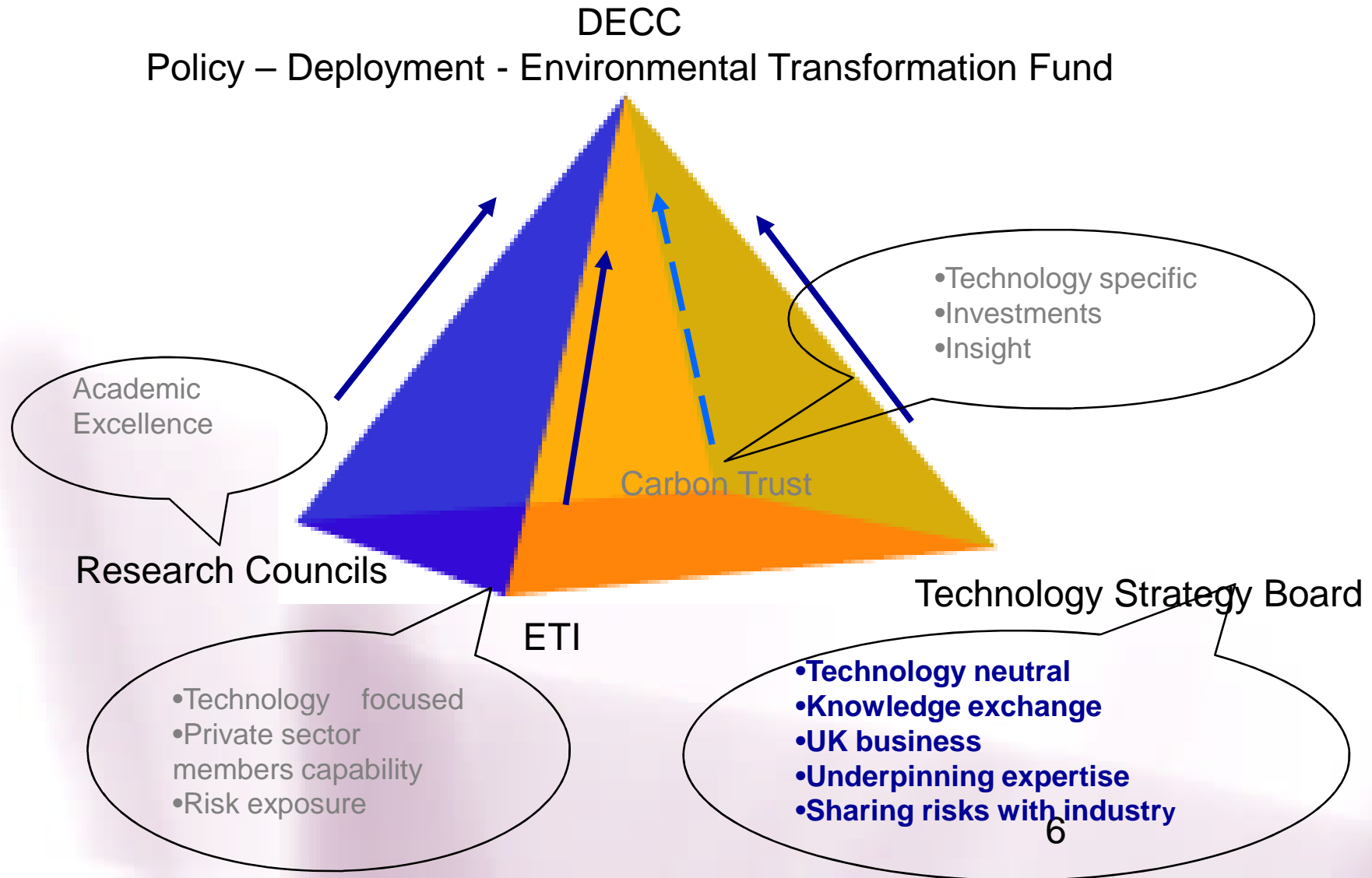
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Driving Innovation



Technology Strategy Board

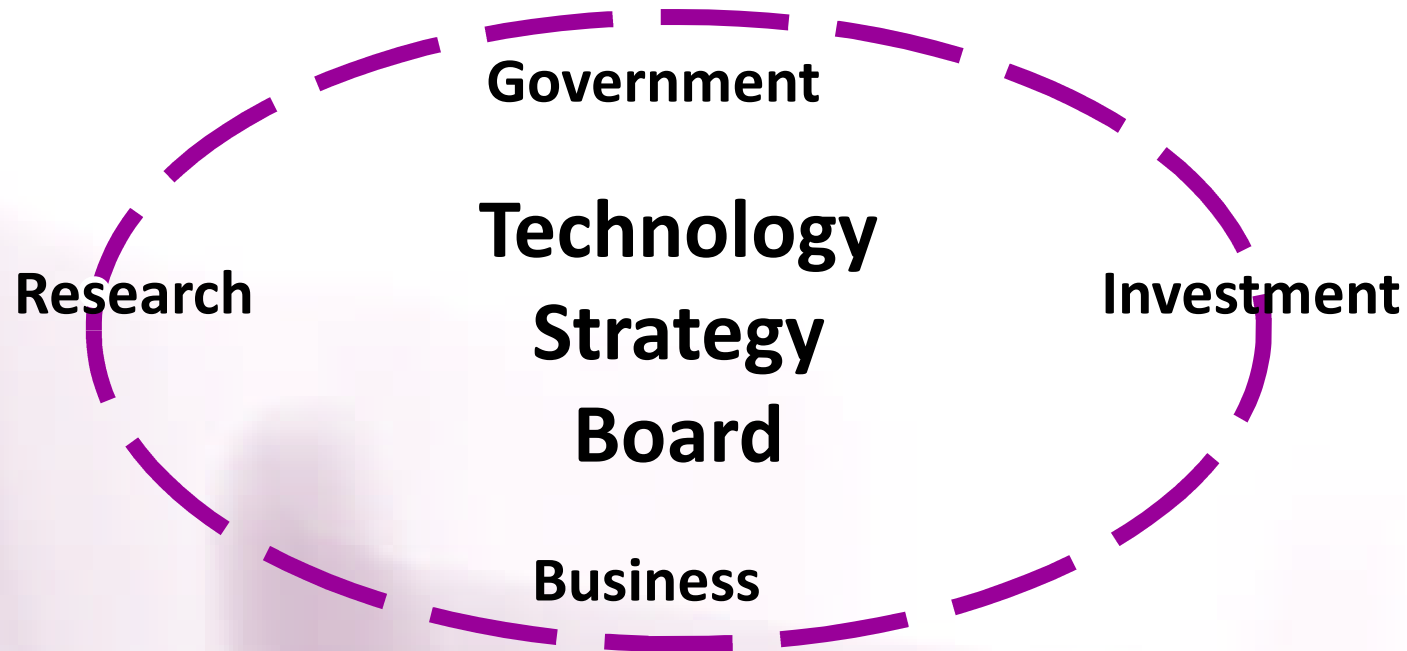
Driving Innovation



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Driving Innovation

Adding value - Building joined-up public sector support for innovation



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Driving Innovation

Focussing our priorities has improved collaboration with partners, increased leverage and added value

2009 Energy Generation & Supply Collaborative R&D competitions

Technology Strategy Board Contribution	£20m
Other Public sector (DECC, RDAs)	£17m
Industry	£60m
Total	£97m

Total Energy Generation & Supply Collaborative R&D portfolio

Technology Strategy Board Contribution	£78m
Other Public sector (DECC, RDAs, RCs)	£17m
Industry	£115m
Total	£210m

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Driving Innovation

.... and includes a range of activities



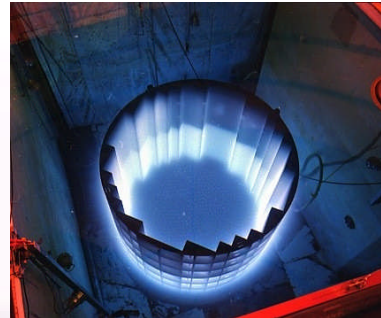
Reviews



The Energy Efficient Soldier
Energy efficient Whitehall

Knowledge Transfer Partnerships

5 current projects
8 completed



Nuclear Centre of Excellence



Crucible

Carbon Crucible

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Driving Innovation

- Along the supply chain
- Between developers and users
- Between business and academia
- International
-Intelligent Energy..

Enable collaboration

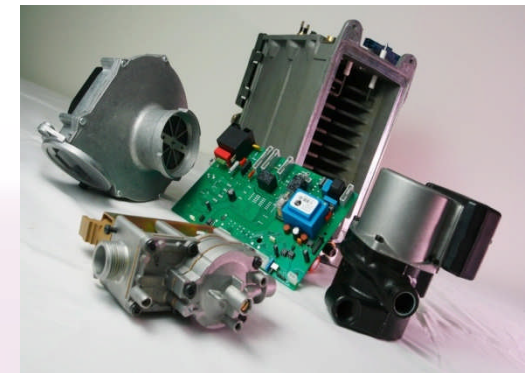


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Ceres Power and UK utility British Gas developed a domestic combined heat and power system based on fuel cell technology.

Each UK household could reduce CO₂ emissions by up to 2.5 tonnes per year...
and save 25% of current energy use



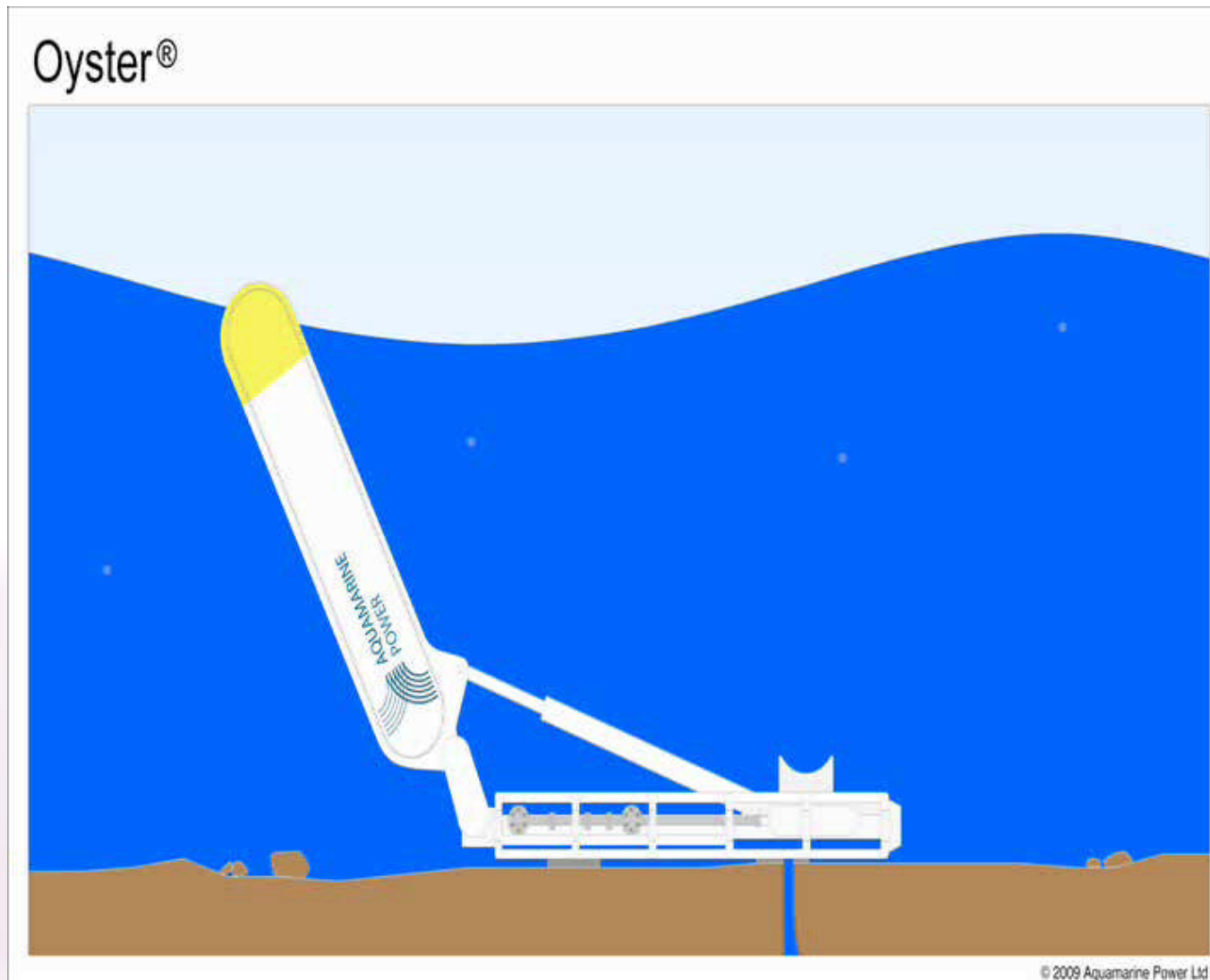
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www.innovateuk.org