

BERR

Department for Business
Enterprise & Regulatory Reform

Support for marine energy technologies

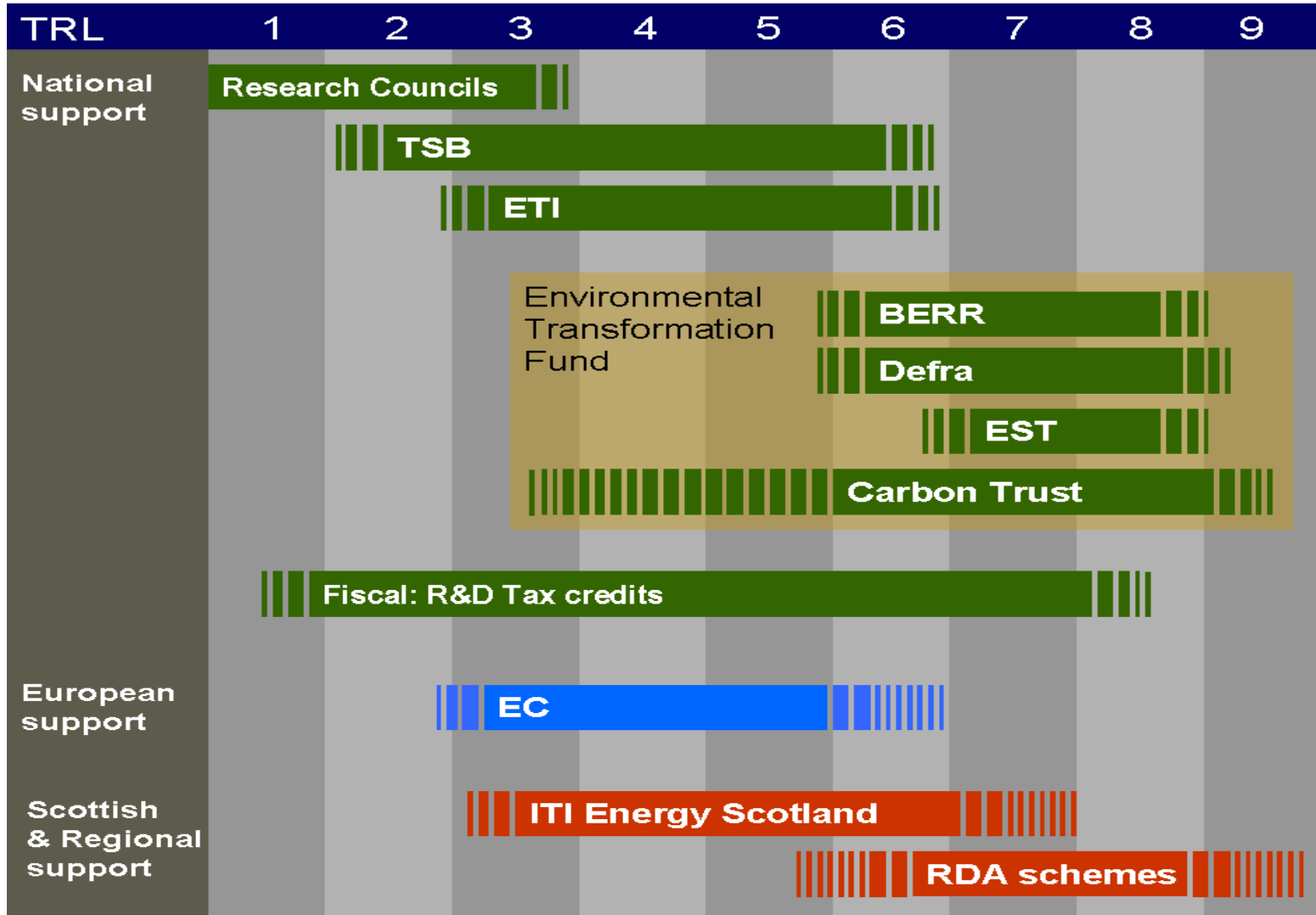
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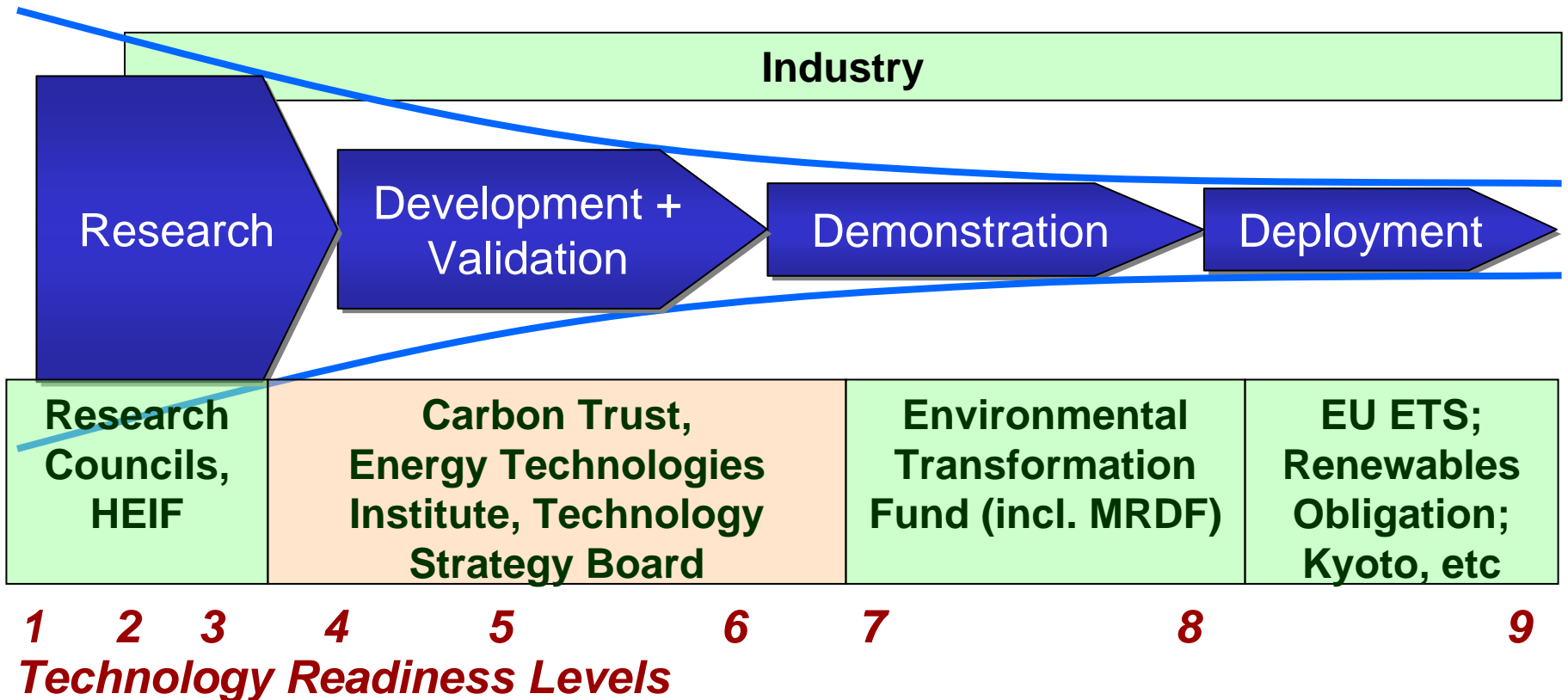
UK funding bodies



Current marine renewables support across Government

Technology push and knowledge transfer...

... market pull & public policy



Carbon Trust & Research Councils

- **Carbon Trust** has a number of activities which can support marine research across tech readiness levels. Includes Applied Research & Marine Energy Challenge/Accelerator programmes
- **SuperGen Marine** consortium – £9m high quality basic research funded by Engineering & Physical Sciences Research Council (EPSRC)

Technology Strategy Board (TSB)

- Mission is to promote and support research and development of science and technology for the benefit of business
- Total budget of over £1bn - includes funding for development of energy technologies
- Not currently funding marine energy technologies (because of ETI call)

Energy Technologies Institute (ETI)

- Set up in late 2007 – partnership between Government and industry.
- HMG committed £550m over next 10 years
- Private sector partners to date: BP, Caterpillar, EDF Energy, E.ON UK, Rolls-Royce and Shell
- **Mission:** To accelerate development, demonstration and eventual commercial deployment of a focused portfolio of energy technologies, which will increase energy efficiency, reduce greenhouse gas emissions and help achieve energy and climate change goals.

ETI call for expressions of interest

- First calls for expressions of interest (offshore wind/wave & tidal) – December 2007; closed February 2008, formal submission of proposals June 2008
- Approx 130 Expressions of Interest received for marine call
- Expect to fund a small number of multidisciplinary projects under this call
- May look at further marine calls in future

Marine Renewables Deployment Fund (MRDF)

- £50m fund announced in August 2004
- Four components:
 - Wave and Tidal-stream Energy Demonstration Scheme (£42m), environmental research & related research, infrastructure support.
- Includes support for work at EMEC, standards activities, Wave Hub etc

MRDF continued

- **Demonstration scheme** intended for technologies that:
 - have completed their pre-competitive R&D,
 - have been verified at full scale in a representative range of realistic sea conditions, and
 - are ready to begin commercial operation
- Renewables Advisory Board report endorsed aims and design of the MRDF scheme

Other BERR activities...

- **Renewables Obligation** – green electricity trading scheme (plans to “band” the obligation so marine energy technologies receive double allowances – “ROCs”)
- **Renewable Energy Strategy** – road map going forward in response to European Commission’s 2020: consultation in Summer 2008, final report Spring 2009