



Department
of Energy &
Climate Change

THE ENERGY INNOVATION BOARD: POTENTIAL ROLE FOR THE ERP

Energy Research Partnership Plenary Meeting:
11 July 2016



The Context

“Innovation will be critical in developing and implementing new low carbon technologies, and improving the cost and performance of existing ones. Government involvement is important to ensure limited resources are best allocated across the innovation process to ensure that carbon budgets, the 2050 target and subsequent decarbonisation can be met at acceptable cost.”

The Committee on Climate Change: ‘The Fifth Carbon Budget - The next step towards a low-carbon economy’ (November 2015)

The Energy Innovation Board – purpose and remit

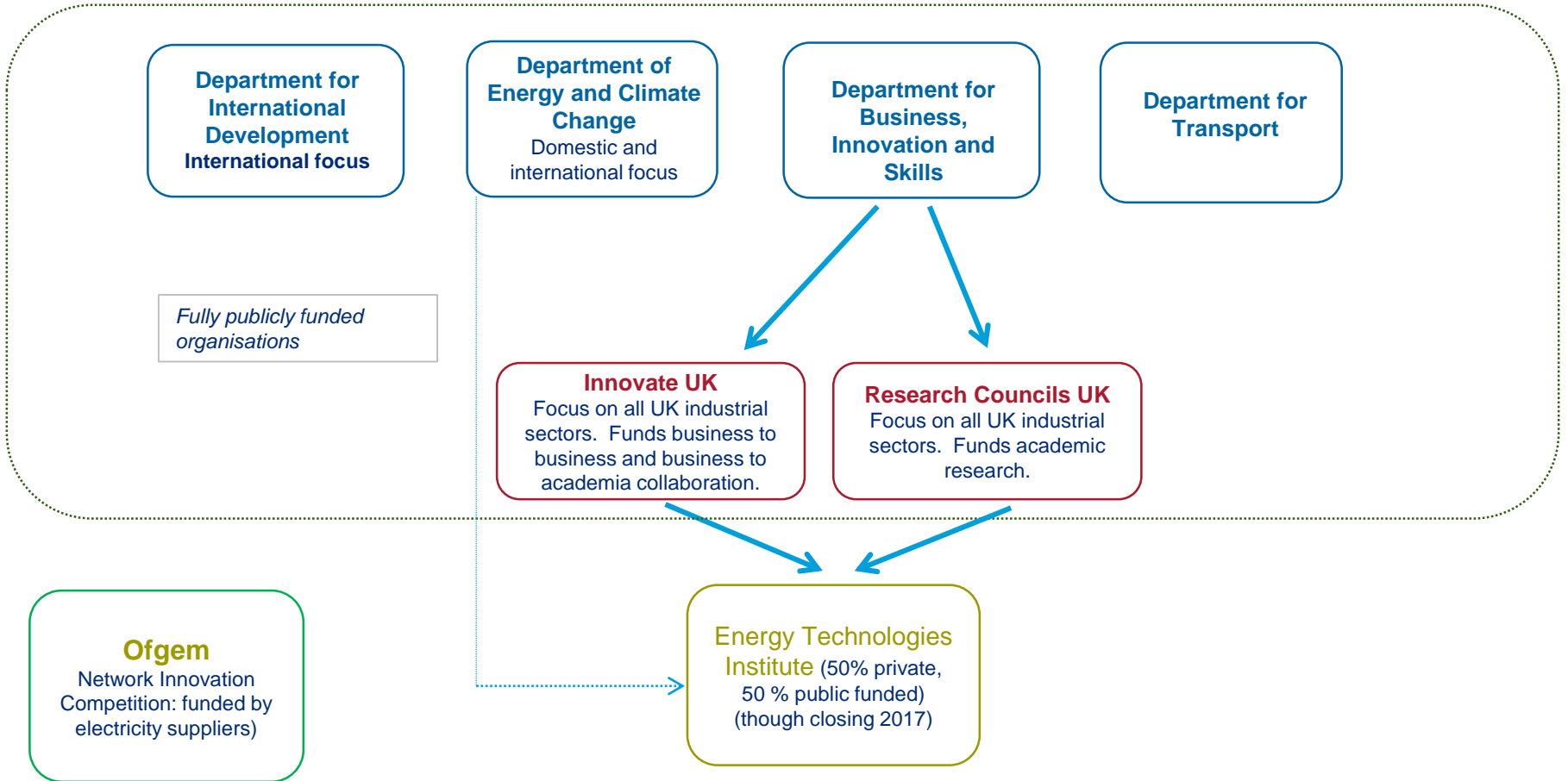
The key purpose of the Board: ensure that the sum of all energy innovation activity supports the Government's domestic and international policy priorities, provides value for money and helps to leverage private sector investment, resulting in the commercialisation of new technologies and systems.

The Board's focus will be UK-wide and apply across the whole energy system, including all fuels and technologies and energy demand.

The Board will not have authority to direct decisions by individual organisations but will provide advice and challenge to support their decision-making.

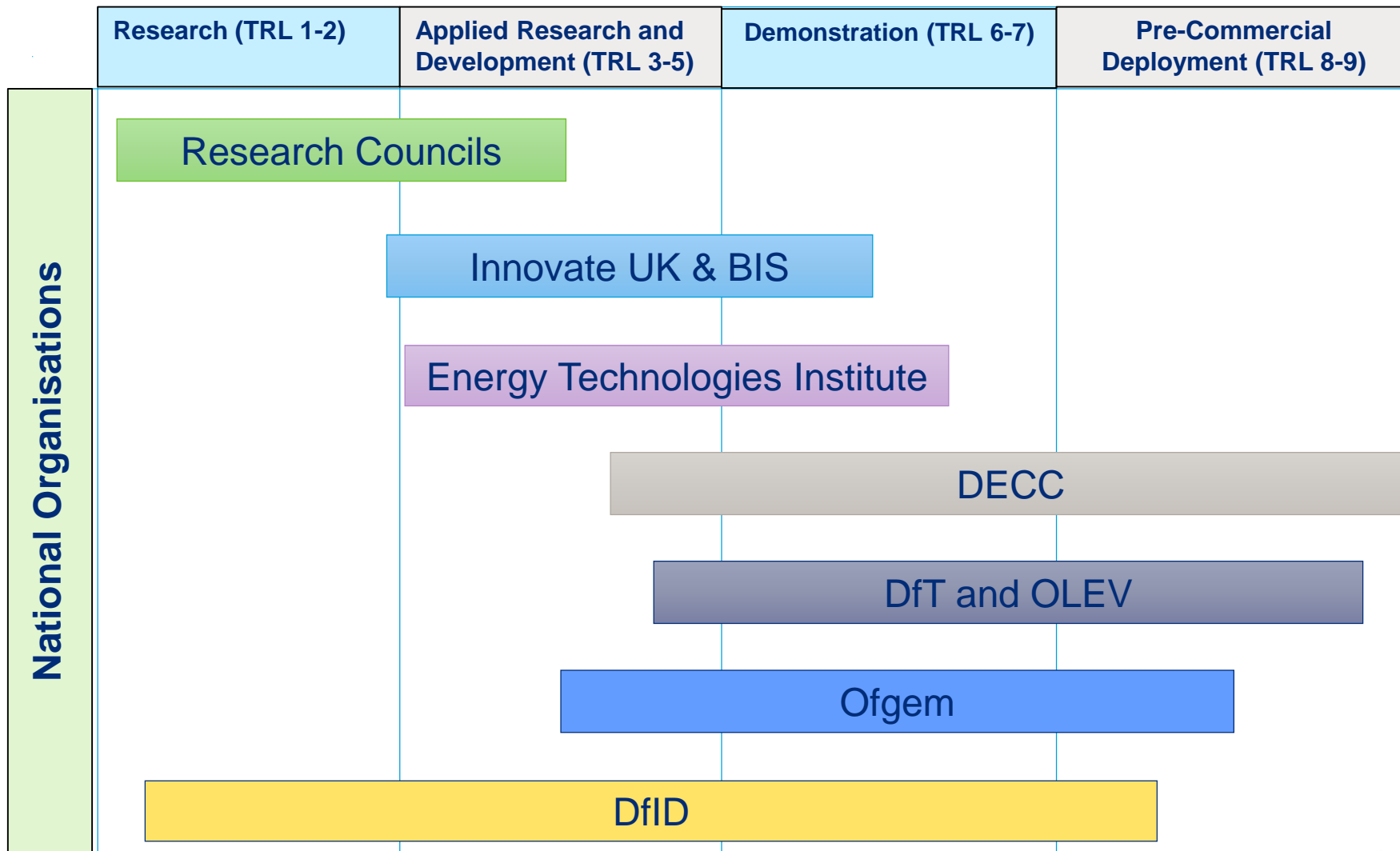


The Board's core members – major public energy innovation funders





Mapping the energy innovation landscape – joining up



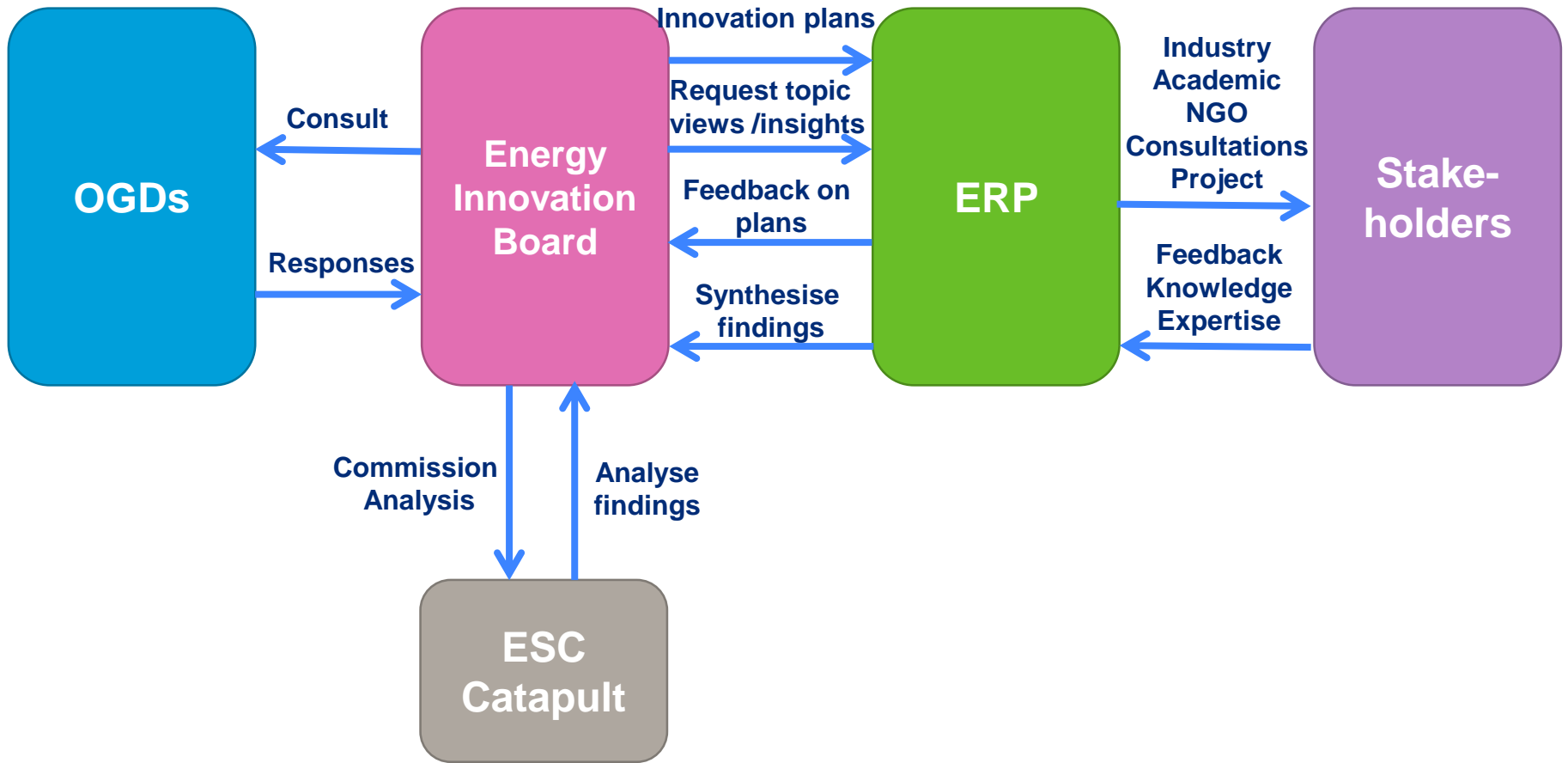
External input to the Board's work

Independent Board members. Up to 3 people, external to Government, will be invited to join the Board to bring a combination of commercial, technical and international expertise.

External advisory function. Establishing this support function would:

- add to the capacity, effectiveness and impact of the Board.
- provide independent advice and challenge to the Board, helping to take a holistic view but with the capacity to drill down into specific issues

Relationship between the Board /ERP /wider stakeholders



ERP – ETI/Energy System Catapult interaction?

Ongoing conversations as we develop options...but, overall interaction with the Board will not be focussed on one body or organisation; however...

- ERP could provide key source of advice, capturing members' views
- ETI could provide key analytical input to provide strategic, horizon-scanning functions.
- Main issue to strike the right balance to ensure Energy Innovation Board has specific support and challenge to develop programme of work at the right time - while maintaining and developing the widest possible stakeholder interaction.

DECC support for ERP activities in new governance landscape

1) Current

ERP will continue to do synthesis work on behalf of members etc. in a similar manner as today.
DECC support through membership fee.

Plus two additional functions to support the new Board:

2) Standing support

3) Deep Dives



2) Standing support function

- The board will routinely want to circulate plans and documents for views of members;
- ERP may need to convene groups of interested parties and organise collation of members' views on a periodic basis, on aspects of the overall plan and potentially on specific supporting documents such as TINAs, evaluation reports etc:
- Uncertain how resource intensive this activity will be but we anticipate up to 1 x FTE initially to support this activity with a review after the first year.
- DECC support would be the cost of 1 X FTE.



3) Deep dive function

- In the early years of the Board's operation, desirable to do programmatic 'deep dive' activities to look in detail at specific subject areas;
- Energy Innovation Board members may be expected to provide some of their own resource to this activity, however ERP members may wish to contribute to project activities such as landscape reviews.
- Working on the assumption that we might proceed with 1 x per quarter, anticipate up to 1 x FTE initially to manage these activities. To be reviewed after the first year. DECC support would be the cost of 1 X FTE