

A New Knowledge Transfer Network for Energy Generation & Supply

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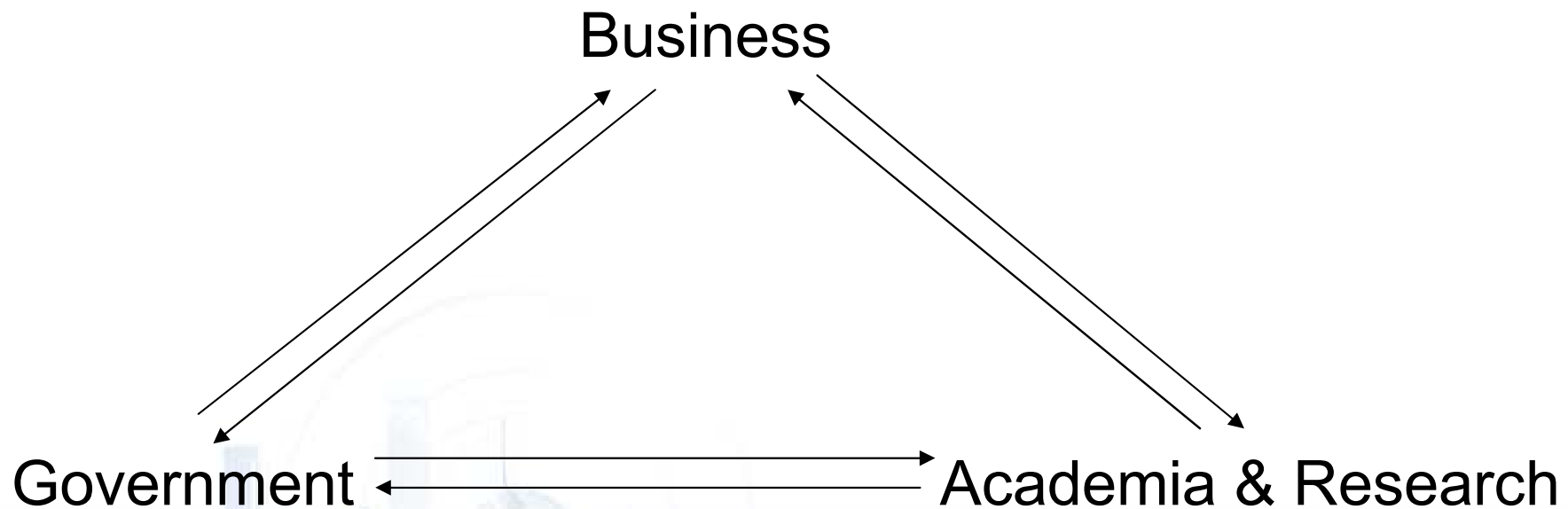
Introduction

- Knowledge Transfer Networks (KTNs)
- The EGS KTN
- Business Case Development
- Remit and Activities
- Current Status

Knowledge Transfer Networks (KTNs)

- Funded by the Technology Strategy Board (TSB)
- Aim to help business innovate via the provision of :-
 - networking & partnering activities
 - timely knowledge/intelligence on markets, opportunities, funding opportunities and associated matters
 - links into the wider research communities
 - “common voice” with which to address and influence Government
- 24 KTNs established to date/40,000 members
- Further information available from www.innovateuk.org

Key Interactions & Linkages



The Energy Generation & Supply KTN (EGS KTN)

- Intent to establish the EGS KTN announced by the TSB, January 2009
- Energy Generation & Supply recognised as a priority sector by the TSB
- KTN priorities expected to align with those in the TSB's Energy Generation and supply strategy, viz :-
 - CATs (Carbon Abatement Technologies);
 - Fuel Cells & Hydrogen;
 - Maximising UK Fossil Fuel Resource;
 - Offshore Wind;
 - Wave and Tidal; and
 - Future & Emerging Technologies

Business Case Development

- EA Technology shortlisted by the TSB and invited to prepare a business case for the co-ordination of the KTN
- Engagement with and counselling of opinion from key stakeholders represents a central facet of the development of EA Technology's business case
- Joule Centre recognised as a key stakeholder group

Energy Generation & Supply Sector - Considerations

- The challenge faced by and opportunities available to the sector are enormous
- Near term focus on Year 2020 targets, but medium/longer term perspective wrt EWP Year 2050 objectives and de-carbonisation of the UK economy
- Must take a holistic view; no single “silver bullet” and each priority area has whole system implications
- EGS KTN provides the real opportunity for constructive engagement and interaction



Cross Sectoral Remit and Activities



- Mapping and signposting the overall energy landscape
- Identification of market opportunities
- Digest of and access to funding calls and opportunities
- Development of capabilities databases
- Supply chain mapping and opportunities analysis
- Skills and resource mapping and identification
- Identification of and access to underlying technologies and research capability
- Partnerships & brokering
- Communication to and engagement with Government :
 - Briefings
 - Consultation responses
 - Barriers
 - Strategy development
 - Funding call priorities
- SME engagement
- Shop window for the sector/international outreach
- Accessibility and timeliness of knowledge and information

Current Status

- Preparation of business case in-hand, for presentation to TSB
- Stakeholder input and engagement recognised as an important and essential part of the business case
- Views of Joule Centre and its members welcomed

Further Information

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