

KTN Support in FP7

FP7 Information Day
30th September 2008

Steve Fletcher

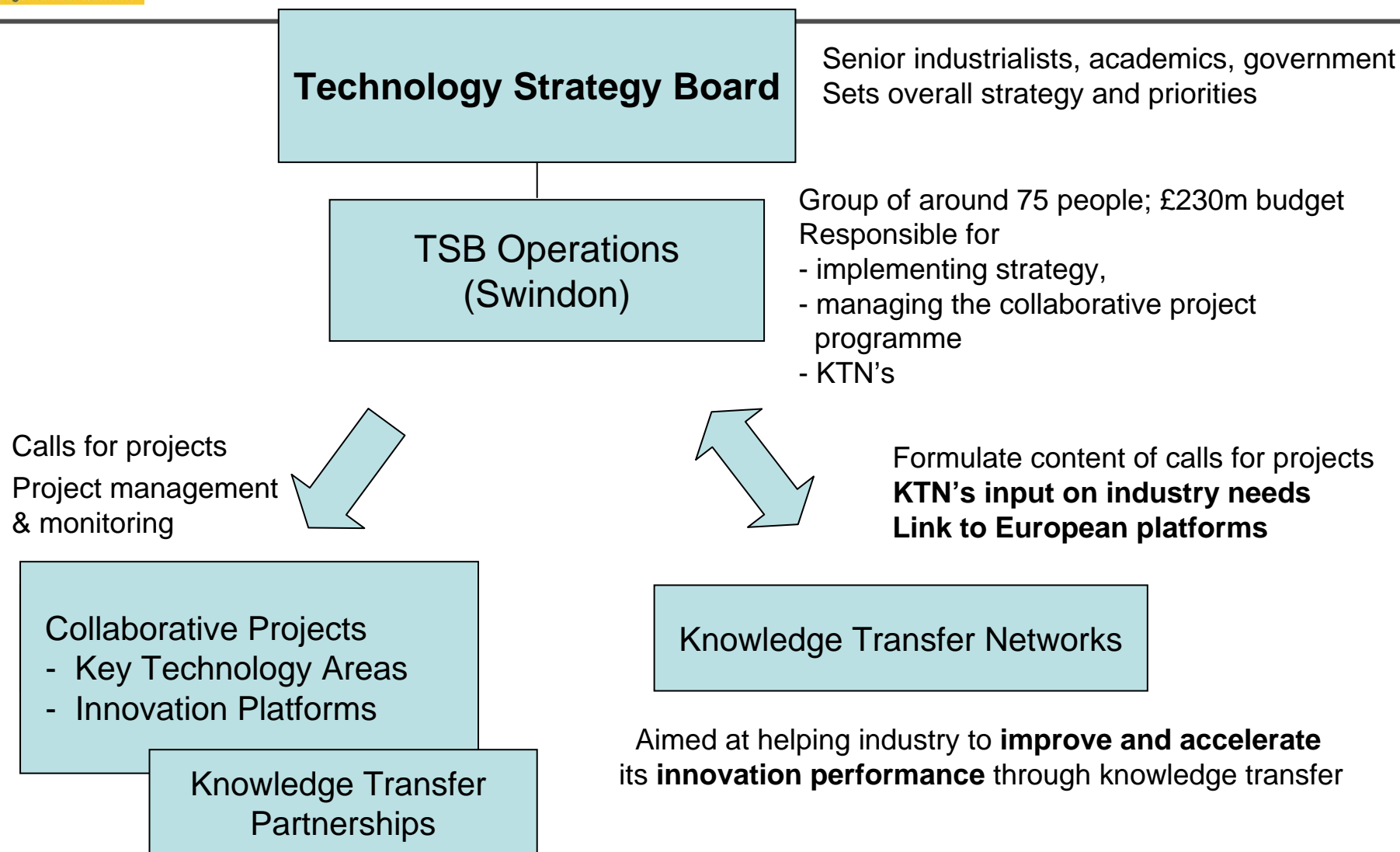


Content

- What are Knowledge Transfer Networks
- Some Projects
- SusChem
- Support from KTNs

Technology Strategy Board Activities and Responsibilities

Knowledge Transfer Networks
Accelerating business innovation;
a Technology Strategy Board programme

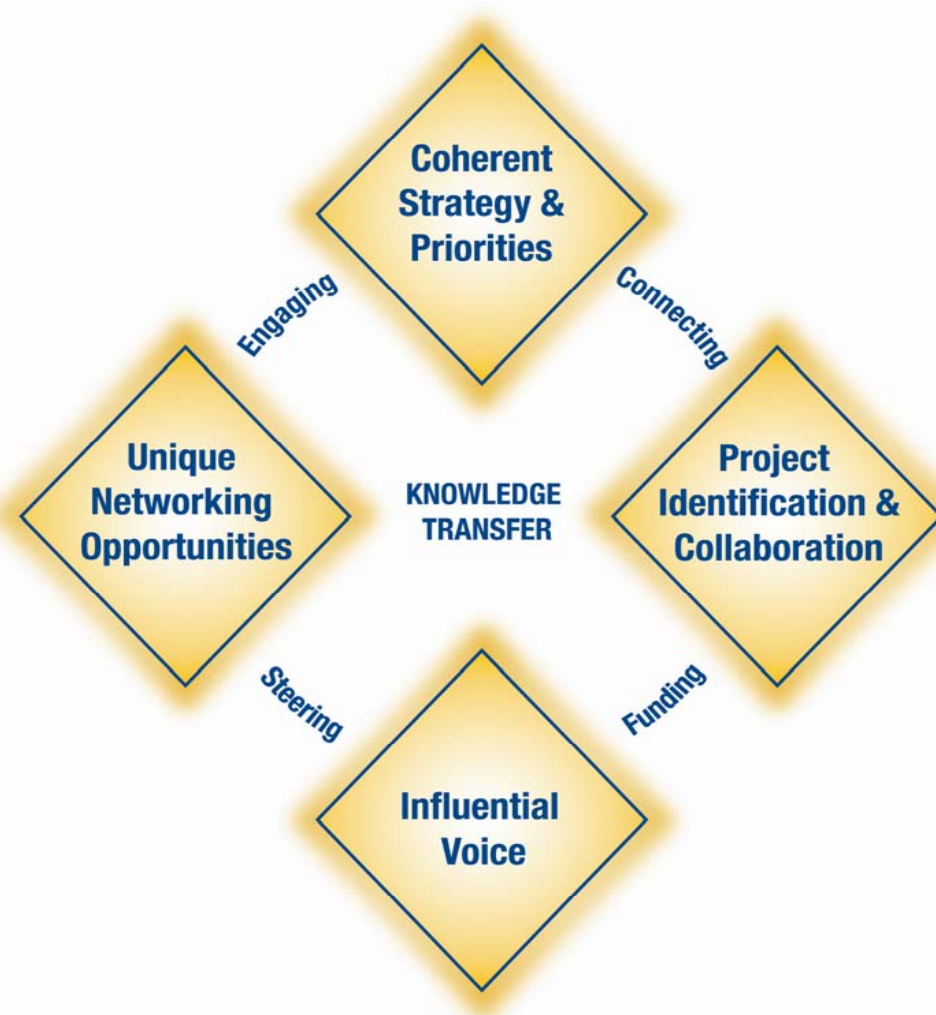


Aims & Objectives

Knowledge Transfer Networks
Accelerating business innovation;
a Technology Strategy Board programme

Our Mission

To stimulate & support product and process innovation that will deliver significant GDP growth for the UK and ensure sustainability for the chemistry-using industries, through a coherent national strategy and action plan.



Knowledge Transfer Networks

Knowledge Transfer Networks

Accelerating business innovation;
a Technology Strategy Board programme

- Currently 24 KTNs
- Also including
 - Bioscience for Business
 - Materials
 - Nanotechnology
 - Resource Efficiency

For a complete list and more information see:

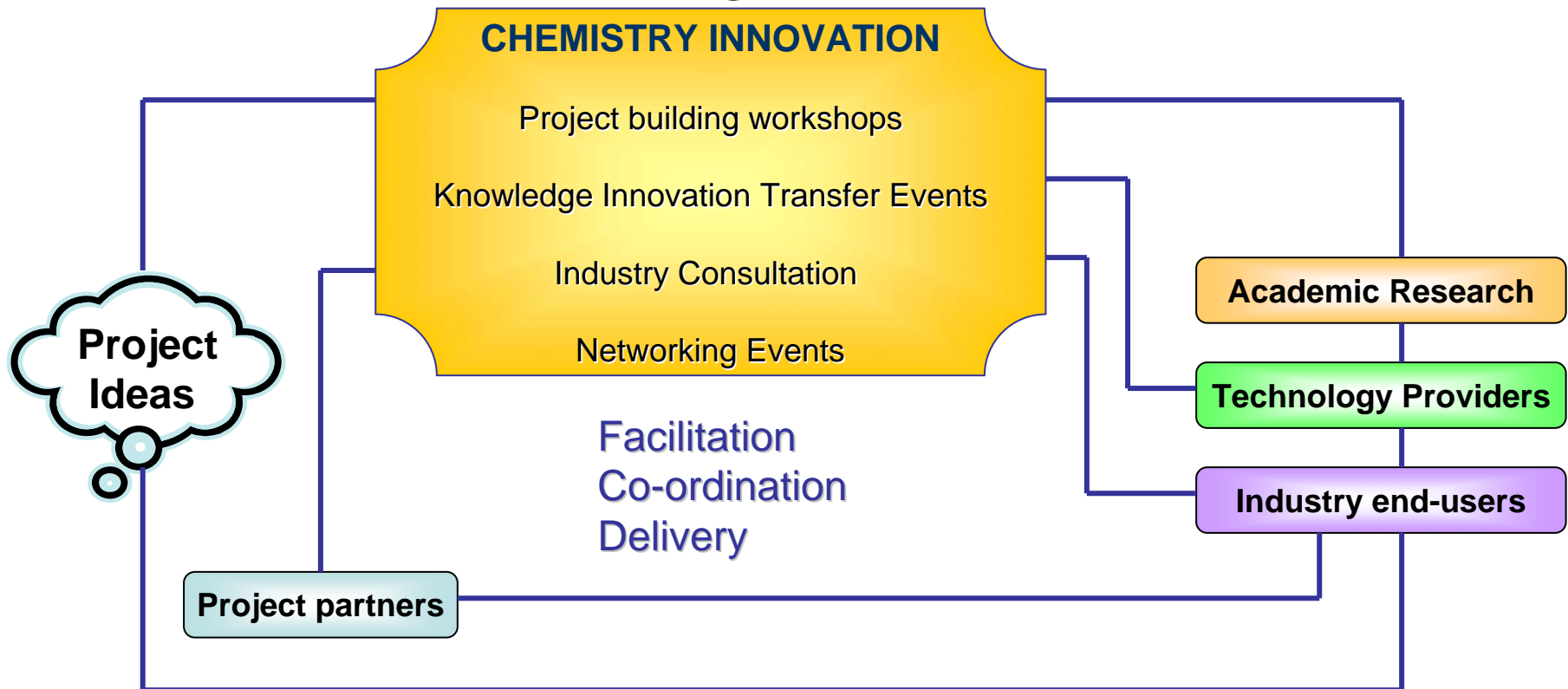
http://www.ktnetworks.co.uk/epicentric_portal/site/KTN/?mode=0

How we deliver value to stakeholders

Knowledge Transfer Networks
Accelerating business innovation;
a Technology Strategy Board programme



Funding

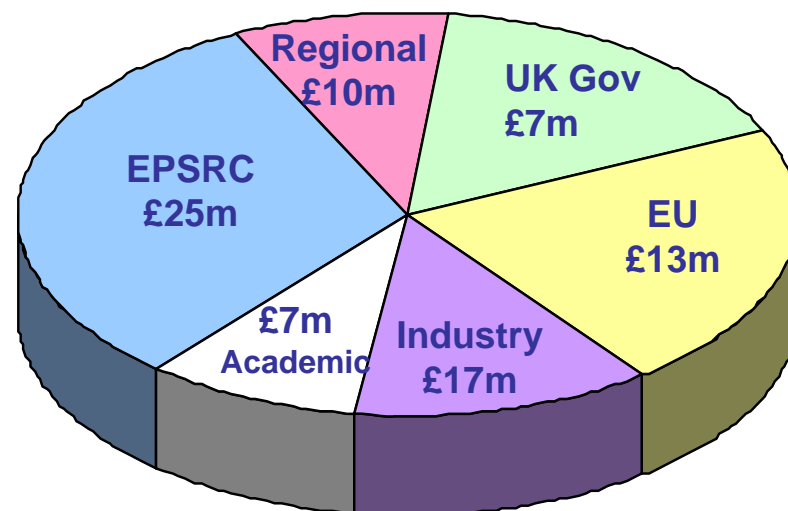


Some recent project successes

- **£1.4m Phase 1 Autumn call TSB project:**
'Cell Therapy Using Stem Cells and Biomimetic Biodegradable Nanostructured Materials'
- **£1.4m Phase 2 Autumn call TSB project:**
'Low Cost Holographic Optical Elements for Next Generation Lighting Systems'
- **£4.3m EU 7th Framework project**
'PILLS' – Process Intensification in Liquid Liquid Systems

Projects overview

Chemistry Innovation engaged with projects worth a total of £79 million to date:



- Wide spectrum of projects from basic science to demonstration of new science and technology
- Projects directed by the needs of industry & under continuous development/renewal

Linked to SusChem

- The “European Technology Platform for Sustainable Chemistry”
- One of about 30 technology platforms - see www.cordis.lu/technology-platforms
- Vision published - March 2005
- Strategic Research Agenda - November 2005
- Implementation Action Plan - December 2006
- Feeding into calls, particularly NMP and KBBE

all downloadable from www.suschem.org/

SusChem Strategic Areas

- Bio-based economy
- Energy
- Healthcare
- Information and communication technologies
- Nanotechnology
- Sustainable quality of life
- Sustainable product and process design
- Transport



SusChem United Kingdom



- One of 10 national platforms that link with and through SusChem
- A network for investigating potential project topics and partners



Industrial Biotechnology IGT

Industrial Biotechnology Innovation Growth Team (IB-IGT)

- BERR run – chemicals and bioscience units
- Chaired by Ian Shott (Excelsyn)
- strong KTN representation on the IGT
- industry, academia and government
- emphasis will be on how industrial biotechnology can improve the competitiveness of the chemicals and chemistry using sectors
- Outputs of the IB-IGT will be:
 - A strategic plan for Government and Industry, supported by key stakeholders, mapping how to commercially exploit the use of industrial biotechnology in the chemicals sector.
 - Motivated and mobilised stakeholders ready to implement the recommendations and action plan of the IB-IGT.
 - A strategic plan which is well-aligned with other related policy initiatives.

How can KTNs support the UK in FP7 bids?

- Complementary information and networks
 - Companies in the “Chemistry Using Industries”
 - End users of technology and technology suppliers
 - European industry and academics through SusChem national platforms
- Links with the regional clusters
 - Especially NEPIC, Chemicals North West, Yorkshire, Humberside and Scotland
- Assistance with preparing compelling project proposals
 - With some specialist knowledge of the technology
- Independent project management if required
- Working in co-operation with Enterprise Europe Network nodes and National Contact Points

Contacts

Organisation	Contact	e-mail
Chemistry Innovation KTN	Steve Fletcher	steve.fletcher@ciktn.co.uk
Bioscience for Business KTN	John Sime	john.sime@biosciencektn.com
