

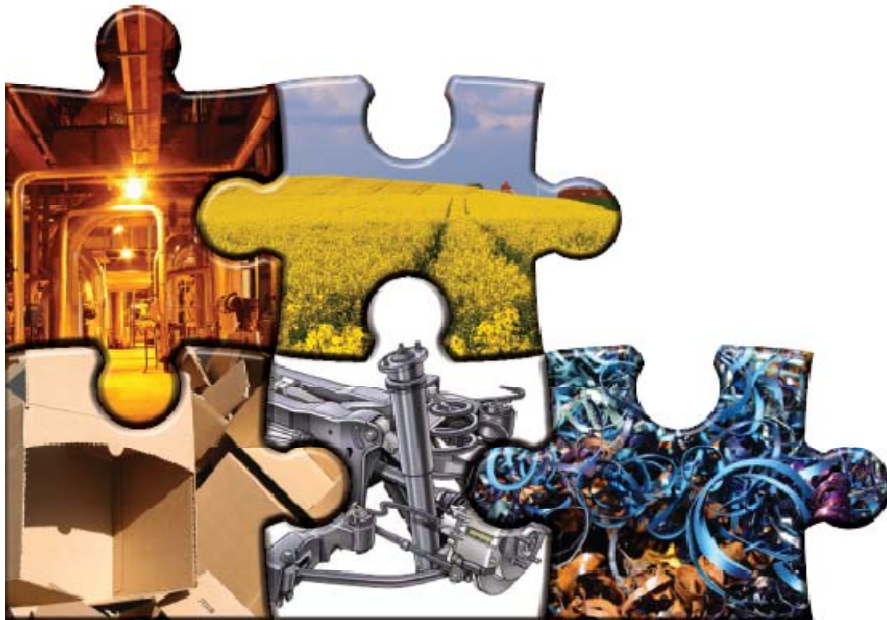
Resource
Efficiency

Knowledge Transfer Network

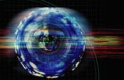
Knowledge Transfer Networks

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Technology Strategy Board



NISP
NATIONAL INDUSTRIAL SYMBIOSIS PROGRAMME

Resource
Efficiency

Knowledge Transfer Network



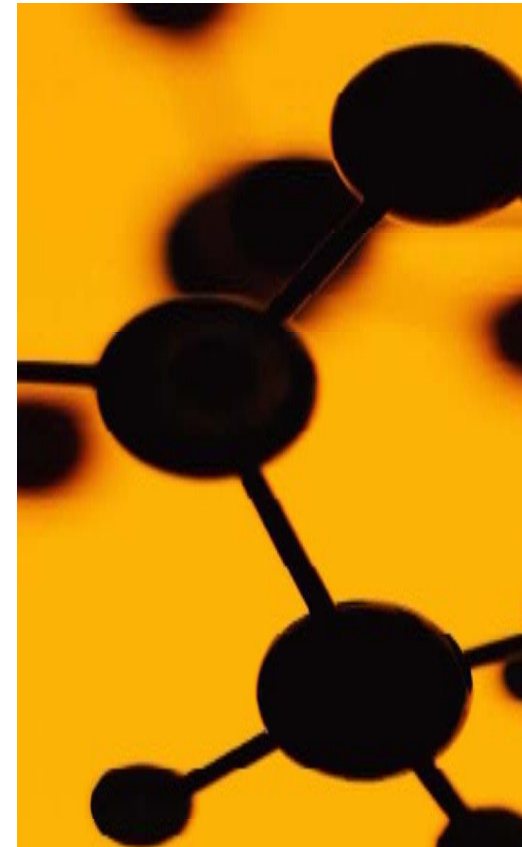
Knowledge Transfer Networks

A business support solution

Delivered through the Technology Strategy Board

Knowledge Transfer Networks

- A way to stimulate innovation in the UK's key technology sectors by promoting collaboration, best practice and knowledge sharing
- A means of efficiently using the support mechanisms already available
- A way of linking many different organisations - each playing a part in delivering the objectives



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So why have KTNs?

“to improve the UK’s innovation performance by increasing the breadth and depth of knowledge transfer into UK based businesses and accelerating the rate at which this process occurs.”

Department of Trade and Industry

“fill in information gaps that exist between knowledge holders and users.”

Department of Trade and Industry

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Who is in the KTN family?

There are twenty three KTNs in total.

Broadly speaking they are either sectorally based (e.g. Chemistry Innovation KTN) or cross cutting (e.g. Resource Efficiency KTN).

For a full list go to any KTN web portal like www.resource-efficiency.org and click on the KTN links button on the top right or KTN Central page

<http://tinyurl.com/3238qj>

Registration is FREE and membership of any will give you certain privileged access rights to all the rest

Knowledge Transfer & Communication

- All KTNs are underpinned by a powerful suite of generic leading-edge knowledge transfer and knowledge management tools
- Tools integrated into a common web-based platform, accessed through the specific KTN web-portal – www.resource-efficiency.org
- Platform enables activities and services to be delivered centrally to a large number of network members
- Portal is linked to key web-sites and databases allowing knowledge to be ‘mined’, filtered and communicated directly to network members
- Interactive collaboration tools enable a wider audience to benefit from knowledge transfer functions accessible from their own work-stations

What is the Resource Efficiency KTN?

The Resource Efficiency KTN:

- Is a business support solution delivered by the Technology Strategy Board
- Is a development from the Mini-Waste Faraday Partnership (2002-05) which had a focus on *industrial waste minimisation* in 5 key sectors
- Started in November 2005 with initial funding for 3 years, and was formally launched at the House of commons on 1 March 2006.
- Is supported by a generic knowledge transfer and management platform accessed through a web-portal (www.resource-efficiency.org)
- Is greatly strengthened through its strategic alliance with the Defra BREW-funded National Industrial Symbiosis Programme (NISP)

Specific Examples of recent RE KTN Activity

RE-KTN Annual Conference, 2008; **30th June - 1st July 2008, Nottingham**
Decoupling Growth from Environmental Impact

- Strategic reports such as *“Product Lightweighting”*
- Workshops like *UK-Japan Workshop on Materials Security* with CfSD
- Events like *ZEE Stakeholders event with Oakdene Hollins*
- Lobbying like *House of Lords Science and Technology Select Committee; Call for Evidence – waste reduction*
- Support for Technology Programme Collaborative R&D calls
- EU Framework Seven collaborations

Technology Strategy Board (<http://www.innovateuk.org/>)

The Technology Strategy Board is a business-led executive non-departmental public body, established by the Government. Its mission is to promote and support research into, and development and exploitation of, technology and innovation for the benefit of UK business, in order to increase economic growth and improve the quality of life, delivering the Government's Technology Strategy by:

- Promoting and supporting research into, and development and exploitation of, science and technology for business benefit, economic growth and quality of life
- Delivering a programme of financial support to encourage business investment in, and use of, technology across all sectors in UK
- Providing leadership to Government Departments and Agencies and working with RDAs, DAs (like the Scottish Government) and the Research Councils on technological developments and innovation of importance to UK industry
- Advising Government on areas where barriers exist to the exploitation of new technologies and putting forward recommendations as to how they can be removed

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Resource Efficiency KTN and the Technology Strategy Board

The Technology Strategy Board funds a number of business support products

- *The Collaborative Research and Development* programme
- *Knowledge Transfer Networks*
- *Knowledge Transfer Partnerships*
- *Innovation Platforms*

Depending on their focus, KTNs support one or more *technology area*

The Resource Efficiency KTN sits comfortably within the Sustainable Consumption and Production (SCP) area, but also supports other key areas (e.g. *Advanced Materials, Emerging Energy Technologies* etc.)

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Hot Off the Press

Strategic Report into Material Security of Supply
in the UK

Due to be launched in the House of Commons

on

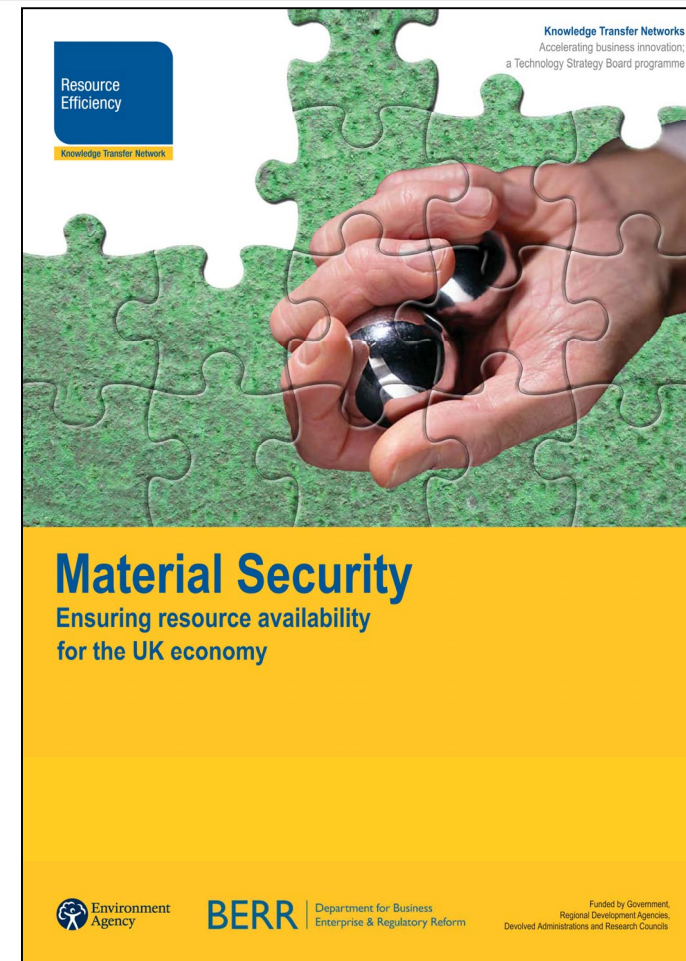
April 29th

Limited places are still available for invited Guests

Join the RE KTN and apply to

resource@ctechinnovation.com

(PDF free to RE KTN members)



Finally

- Talk to the team
- Register with the Network
- Use the web-portal
- Register for our Annual Conference
- Collaborate and network!

www.resource-efficiency.org
or contact us directly at
resource@ctechinnovation.com

