

What is a KTN?

A Knowledge Transfer Network is

“a single national overarching network in a specific field of technology or business application”

- Non-competitive
- A “network of networks”
- Drawing together all players in the UK

The range of KTNs

KTNs exist in a number of sector and technology areas.

Relevant examples include:

- Resource efficiency
- Sensors
- Bioscience for Business
- Location and Timing
- Chemicals Innovation Network

Integrated Pollution Management Knowledge Transfer Network (IPM-Net)

Assists industry through

- **Meeting the demands of regulatory and business drivers**
For the integrated management and remediation of environmental pollution
- **Drawing together organisations**
That deal with environmental pollution in land, water and waste
- **Enabling businesses to become more competitive**
Creating jobs and increasing wealth.
- **Enhancing the position of UK environmental industries in the global marketplace**

WATER

WASTE

LAND

Integrated Pollution Management Knowledge Transfer Network (IPM-Net)

- **Supporting innovation and technology development**
Delivering cost effective, sustainable solutions
- **Accelerating knowledge and technology transfer**
Developing business opportunities, contacts and collaborations
- **Developing skilled personnel**
Enhancing staff and company performance.
- **Impacting government strategy**
Shaping policy, funding and vision.

WATER

WASTE

LAND

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Supporting Innovation and Technology Development

- Industry-driven R&D and demonstration
- Technology and partner brokering
- Supporting access to funding
- Provision of information on solutions, opportunities, standards and patents
- Identification of industry needs and knowledge gaps

Supporting Innovation and Technology Development

Supporting UK government in funding R&D

- Development of a Research Strategy for contaminated land management and remediation
 - Through consultation with industry, regulators and academics
 - Through prioritisation with stakeholders
- Feed through to Department of Trade and Industry's Technology Strategy
- £5M funding secured to be allocated to projects
- Assistance to DTI with identification and assignment of assessors
- Ongoing assistance with dissemination (in collaboration with CL:AIRE)

Accelerating knowledge and technology transfer

- Web portal for the UK pollution management industries
- Cross-sectoral dissemination and publication
- Conferences, workshops and focus sessions
- Specialist knowledge and technology networks

Developing skilled personnel

- Industrial short courses, placements and CPDs
- Distance learning
- Secondments and personnel transfer
- Facilitating and managing industrial studentships and knowledge transfer (KTPs, CASE etc.)

Impacting government strategy

- Knowledge of environmental pollution
- Advising the DTI Technology Strategy Board
- Input to government policy
- Generating a critical mass with other KTNs
- Strategic international alliances

Current international activities

- Development of a partnership with China under the UK Sustainable Development Dialogue (in collaboration with Defra, Environment Agency and UKTI)
- Chairmanship of Euroenviron, the environmental umbrella for the Eureka funding mechanism
 - Generating new projects
 - Networking funders
 - Networking networks

Current international activities

- European demonstration project (LIFE Environment funded) on treating diffuse nitrate pollution
- Development of links with USEPA
 - Remediation project in Kazakhstan (under non-proliferation activities)

Benefits to organisations in the UK

- Industry – access to knowledge, tools, solutions and contacts
- Networks and the knowledge base – enhanced and integrated effectiveness
- Government – integrated knowledge on environmental pollution

Thoughts on working with UKFEI

- Knowledge Transfer Managers working in the regions (with existing collaborators and others)
- Joint activities at a regional level e.g. workshops and events (providing added value and leveraging)
- Cross-referencing websites and information provision
- Working with environmental clusters
- Market and technology roadmapping
- Provision of information from the KTN to companies through regional links