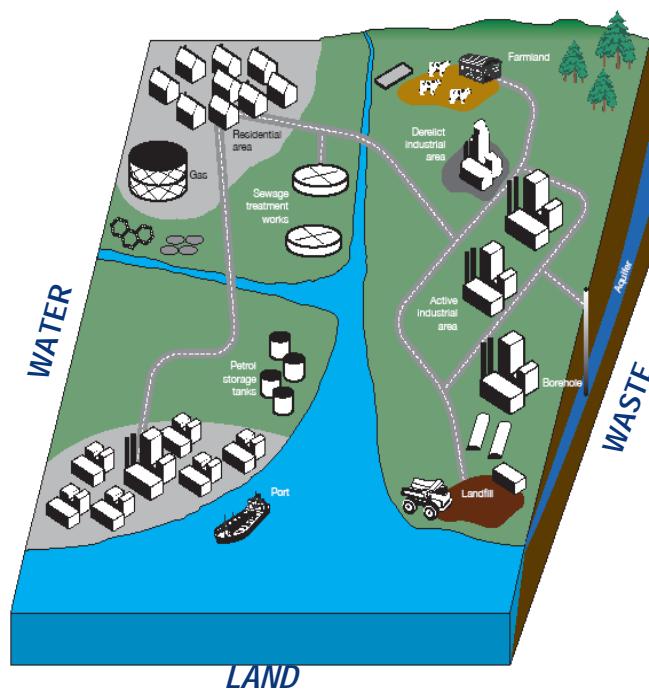


# The Integrated Pollution Management Network



## 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

KTNs exist in a number of sector and technology areas.

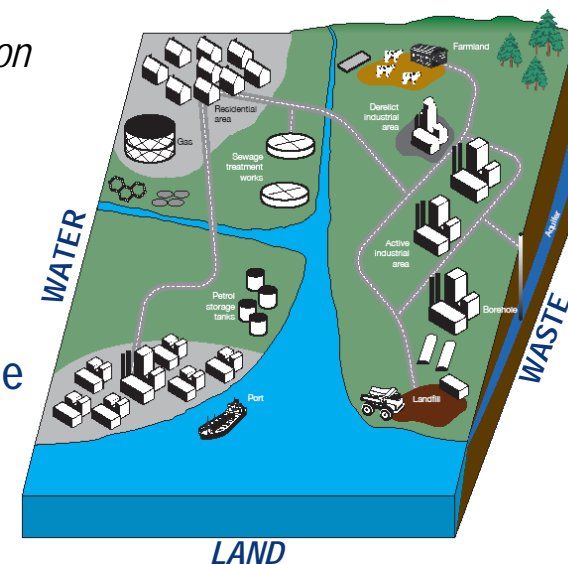
Relevant examples include:

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

## Integrated Pollution Management Knowledge Transfer Network (IPM-Net)

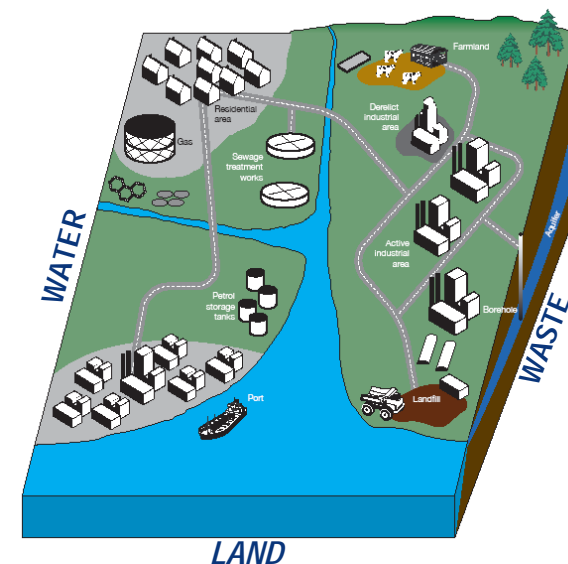
Assists industry through

- 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



## 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.*



# Supporting Innovation and Technology Development

Knowledge Transfer Networks

A DTI business support solution

Delivered through the Technology Programme

- 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

Knowledge Transfer Networks

A DTI business support solution

Delivered through the Technology Programme

## 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

Knowledge Transfer Networks

A DTI business support solution

Delivered through the Technology Programme

- 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

Knowledge Transfer Networks

A DTI business support solution

Delivered through the Technology Programme

- 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 Transfer Networks

A DTI business support solution

Delivered through the Technology Programme

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

- 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

- 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

Knowledge Transfer Networks

A DTI business support solution

Delivered through the Technology Programme

- 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 Networks

A DTI business support solution

Delivered through the Technology Programme

- 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