

# Envirolink Northwest

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# Envirolink Northwest

- ⦿ Industry led not for profit organisation, set up in 2000.
- ⦿ Funded by the NWDA as a cluster development organisation.
- ⦿ Remit to develop and support the Northwest's energy and environmental technology and services industry
- ⦿ Three delivery teams:
  - Research and Commercialisation
  - Sector Development
  - Market Development
- ⦿ Host partner organisations and projects
  - Carbon Trust Regional Manager
  - Regional UK Trade and Investment Co-ordinator
  - WRAP's Regional Co-ordinator
  - Irish Sea Marine Conservation Zone team (project)
  - EST Regional Micro-regeneration Co-ordinator (project)
  - Hot desk for Business Link

<b>Envirolink Strategic Goals</b>	Increase the levels of knowledge & technology transfer and innovation within the environmental goods and services sector
	Increase the level of knowledge and skills in the current and future sector workforce
	Promote the sector in regional, national and international markets
<b>Envirolink Operational Objectives</b>	Stimulate innovation in the ETS sector
	Grow the economic wealth of the ETS Sector, in the Northwest.
	External recognition of high quality and high performance projects (mid-term evaluation).

# Renewable Energy & Energy Efficiency



# Water and Waste Water Treatment



## Recycling and Waste



## Operational Areas and Teams

### Research and Commercialisation

Support for developing and commercialising environmental technologies

- Low Carbon Challenge Fund
- Rural Carbon Challenge Fund
- R&D – Recycling and waste (NWTVCE II)
- Commercialisation – Recycling and waste (NWTVCE II)
- Innowater
- Partners in additional EU projects

### Sector Development

Support for technology and service providers

- Environmental Cluster Development Programme (energy efficiency, renewables, water and waste water, LC Buildings)
- Biomass Programme
- Micro-generation (EST)
- Recycling and waste (NWTVCE II)
- Northern Wind Innovation Programme
- Tidal Energy Group
- Solid State Lighting Group
- NW Energy Forum

### Market Development

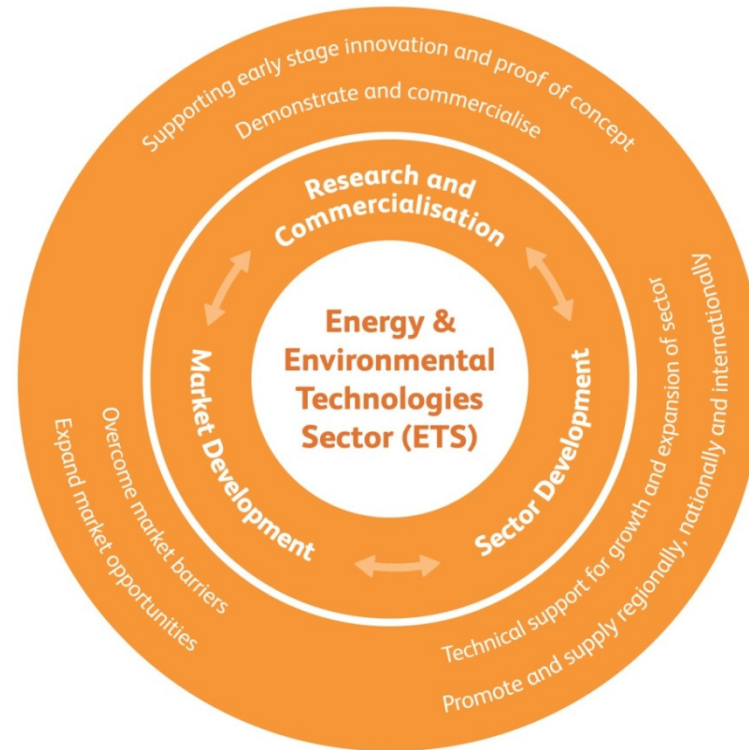
Support for end users of environmental technology

- Low Carbon Market Development Programme
- Recycled product market development (NWTVCE II)

### Irish Sea Marine Conservation Zone

Identification of marine conservation zones in consultation with stakeholders

# Envirolink Northwest's Delivery Model



# Research and Commercialisation

## Aim:

- ⦿ To stimulate R&D in environmental technology
- ⦿ To assist in demonstrating the technology
- ⦿ To take waste technology to market (innovate)

# Research and Commercialisation

## To achieve our aims we:

- ⦿ Encourage organisations / individuals to explore their ideas
- ⦿ Fund “proof of concept” stage of R&D
- ⦿ Create networks to increase contact and collaboration between industry and academia
- ⦿ Secure funding from national and European sources
- ⦿ Created The International Collaborative Research Network (ICR)

# Research and Commercialisation

## Ideas and Proof of Concept:

- What is your idea?
- Discuss with owner / RTD performer
- Determine originality
- Agree eligibility
- Fund (up to £10k)
- Monitor

# Research and Commercialisation

## ⊙ Networking

- Research and Development Active Network:
  - 250 members (academics, industrialists, government etc.)
  - Meets once every three months
  - Encourages networking and collaboration
  - Builds consortia for funding applications
- Special Interest Groups (SIGs):
  - Focus groups
  - Three are operational (Organics, Energy from waste and product from waste groups)
  - Achieved many successes

# The International Collaborative Research Network (ICR)

## Aim:

To encourage collaborative research in Environmental Technology worldwide on both the academic and business levels and to share R&D resources and facilities.

## Benefits:

- ⊙ Worldwide solution of problems
- ⊙ Wider networking and interaction
- ⊙ Availability of R&D facilities to researchers
- ⊙ Cross fertilisation of ideas worldwide.
- ⊙ Engage large businesses to support R&D

# The International Collaborative Research Network (ICR)

**Members:** (more than 20 member)

- ⊙ UK Universities, Liverpool, Manchester, Salford etc.
- ⊙ UK companies, UU, Orchid Environmental
- ⊙ Aachen University, Germany
- ⊙ Hiroshima University, Japan

**Future:**

- ⊙ Initiate collaborative R&D between international partners
- ⊙ Increase members
- ⊙ Identify Environmental technology R&D needs of members
- ⊙ Engage funders to support collaborative R&D