

Padraig O Gallchoir
External Services Manager
Letterkenny Institute of Technology

16th November 2005

**Institiuid Teicneolaíochta
Leitir Ceanainn**

**Letterkenny
Institute of Technology**



Industrial Landscape

- Rural Area
- 99% of companies are small or micro businesses
- Traditional industries
- Low level of research
- Formal training – provider driven
- Increasing focus on new type industries

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



Industrial/Academic - Issues

- Increasing pressure on HE
 - ‘Mass’ education
 - QA
 - Resources
 - Research
 - Work /Enterprise Agenda

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



Industrial/Academic Linkages

- Graduates and courses
- Business development centre
- Research
- Knowledge/technology transfer
- Training/mentoring

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



Graduates/Courses

- Approximately 900 per year – ½ available for employment
- 60% first destination finding employment in the North-West
- High proportion are ‘mature’
- International Students
- High proportion continue their studies
- Focus on new courses
 - Relevant to the workplace – skills
 - Industry, professional bodies
 - Engineering, Science, Computing, Business, Nursing

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



Business Development Centre

Located on the Campus of Letterkenny Institute of Technology (LYIT), the Business Development Centre is a focal point for linking the expertise and resources of LYIT and the Development needs of the commercial sector and the wider community in the North-West of Ireland. The Business Development Centre is ISO certified and provides:

- **Campus based incubation facilities to start-up companies**
- **State-of-the-art communication and IT infrastructure**
- **Advanced video conferencing facilities**
- **Computer Training & Seminar Rooms**
- **Access to Business Development Supports**



16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



Research

- Growing research base - applied
- €1.5 million over the last three years – Science and Business Schools
- Sources – e.g. Enterprise Ireland, HEA, Marine Institute
- Collaboration with
 - Agencies
 - Higher Education Institutions
 - Industry

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



Applied Research Enhancement

- Enterprise Ireland – Strategic Applied Research Initiative
- €750,000 Centre for Applied Research in Marine Biotechnology
 - The Identification of bivalve larvae in shellfish
 - Bacterial pathogens in the salmon and fish Processing Industry
 - Adding value to crab-shell waste

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



EPI - Centre

- EPI Centre (Electronics, Production and Innovation Technology Centre).
 - Interreg funding – over €3 million
 - This centre will focus upon the development of a strong industrial research base through the integration of existing capabilities in the three tertiary level education providers in the region: University of Ulster at Magee , the North-west Institute of Further and Higher Education and Letterkenny Institute of Technology.

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



EPI – Centre - Focus

- Low power, battery operated embedded systems
- Wireless sensor networking,
- Open standards and software platforms
- Internet ready embedded systems
- RF and mixed signal applications

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



Innovation Partnerships

- Enterprise Ireland
- Applied research or experimental development
- Grant up to 75% of total eligible costs (max €190,000). The remainder from the company.
- Open call – one page outline
- Also €9,000 feasibility study
- Not competitive

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



FUSION

- Intertrade Ireland
- All island network between industry and academia. Three way partnerships.
 - SME
 - Graduate
 - Academic
- Objective - Knowledge/technology transfer

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



CEIM

(Commercialising Entrepreneurial Ideas & Management Development Programme.)

- Fulltime graduate enterprise development and training programme
- Offered by LYIT and IT Sligo
- The target is high-potential start-up businesses
- Funding – ADM/CPA, EI Cord Grants, Udaras na Gaeltachta

16th November 2005

Institiuid Teicneolaíochta
Leitir Ceanainn

Letterkenny
Institute of Technology



- **Letterkenny Institute of Technology**

- **Padraig Gallagher**

Tel: 00353 (0)74 9186062

Email: padraig.gallagher@lyit.ie

- **FUSION**

Administrator

Tel: +44 (0) 28 3026 0700

Fax: +44 (0) 28 3026 9542

Web: www.intertradeireland.com

Email: fusion@intertradeireland.com

- **Enterprise Ireland – Innovation Partnerships**

Monica Flanagan

monica.flanagan@enterprise-ireland.com

16th November 2005

**Institiuid Teicneolaíochta
Leitir Ceanainn**

**Letterkenny
Institute of Technology**

