



LIMERICK INSTITUTE
OF TECHNOLOGY
INSTITÚID TEICNEOLAÍOCHTA
LUIMNIGH

Innovation through Collaboration

*Collaboration with Limerick
Institute of Technology*

Dr Paudie Murray- Research Co-ordinator
Shannon Applied Biotechnology Centre

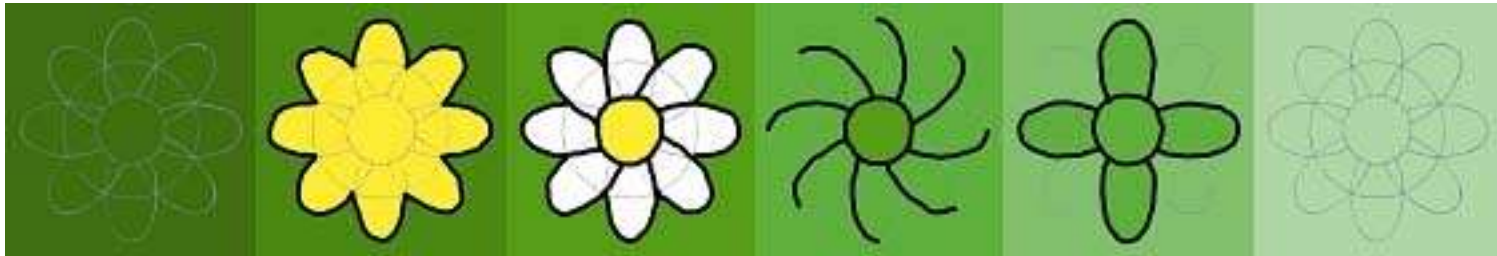
The EU **Innovation Union plan** aims to do three things:

- make Europe into a world-class science performer;
- remove obstacles to innovation which currently prevent ideas getting quickly to market;
- revolutionize the way public and private sectors work together, notably through Innovation Partnerships between the European institutions, national and regional authorities and business.

Research through Innovation @ LIT

- Biotechnology or Consumer Foods
- Renewable Energy Control Systems
- New technologies in Construction, and internationally traded services (Business)
- Studio-based work in Art and Design.

ACORN Research Group



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- **Applied Control for Distributed Renewable Energy Systems**
- Research strategies to reduce the energy usage from fossil fuels in industry
- to reduce the level of CO₂ emissions per production unit
- to increase the deployment of Renewable Energy Technologies.



TEMPO-Total Energy Management for Production Operations

TEMPO aims to establish effective **Energy Monitoring Tools** that will provide production facilities with detailed, real-time information on all energy usage.

Industry-led 3 year Research Programme in collaboration with the International Energy Research Centre (IERC) and the National Energy Competence Centre -I2E2.

EU Collaboration (ERA-Net)-Development of advanced adaptive controllers to reduce CO₂ emissions from

Optimisation of burning and emission strategies for domestic and industrial applications of wood energy biomass heating systems.

Anti-reflective (AR) glass for the solar industry

project leader: Dr. Daragh Naughton

- The purpose of this project is to develop a commercially scalable anti-reflective (AR) coating for both solar thermal and photovoltaic applications.
- The project is funded by the Enterprise Ireland Commercialisation scheme
- The technology has applications beyond the renewable sector, eg: plasma screen technology, aeronautical & automotive industries.



Biotech for Business

Development and Commercialisation Centre

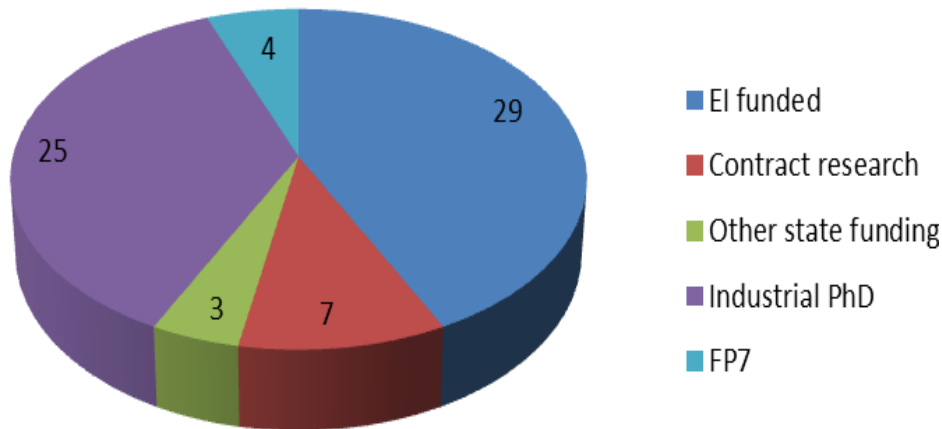
Specialise in scientific development supports to Regional and National Industry

ARE Centre established through seed funding from EI

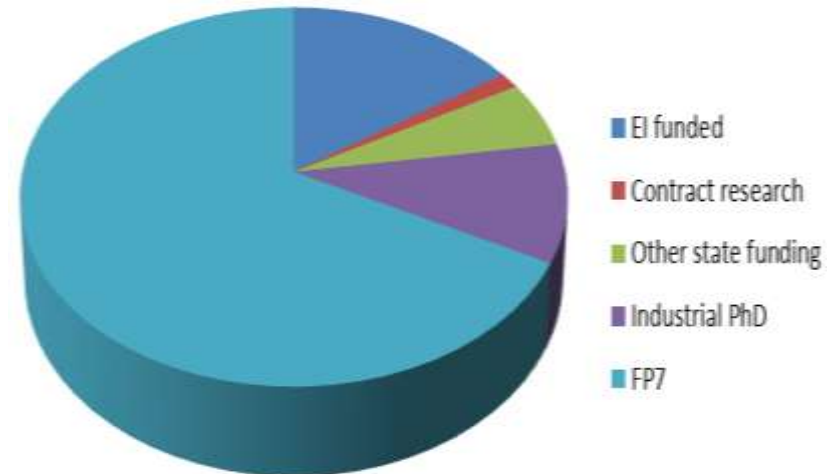
"Our vision is to be industry's partner of choice for the provision of innovative biotechnological solutions."

Innovation vouchers, Innovation partnerships, Contact research, Consultation, EU FP7 coordination

Number of Projects per Income Source



Income source value \$\$\$





Mid-western
Regional
Hospital



Stryker.com



Irish Organic
Milk Producers



FP7 Cooperation Theme 2-KBBE

Shannon ABC has been successful in winning the co-ordination an International project **BAMMMBO** (€4.2 M over 3 years)



CONTACT

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