

A Snapshot of R&D in Ireland

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Science Foundation Ireland

Nanotechnology Summer School

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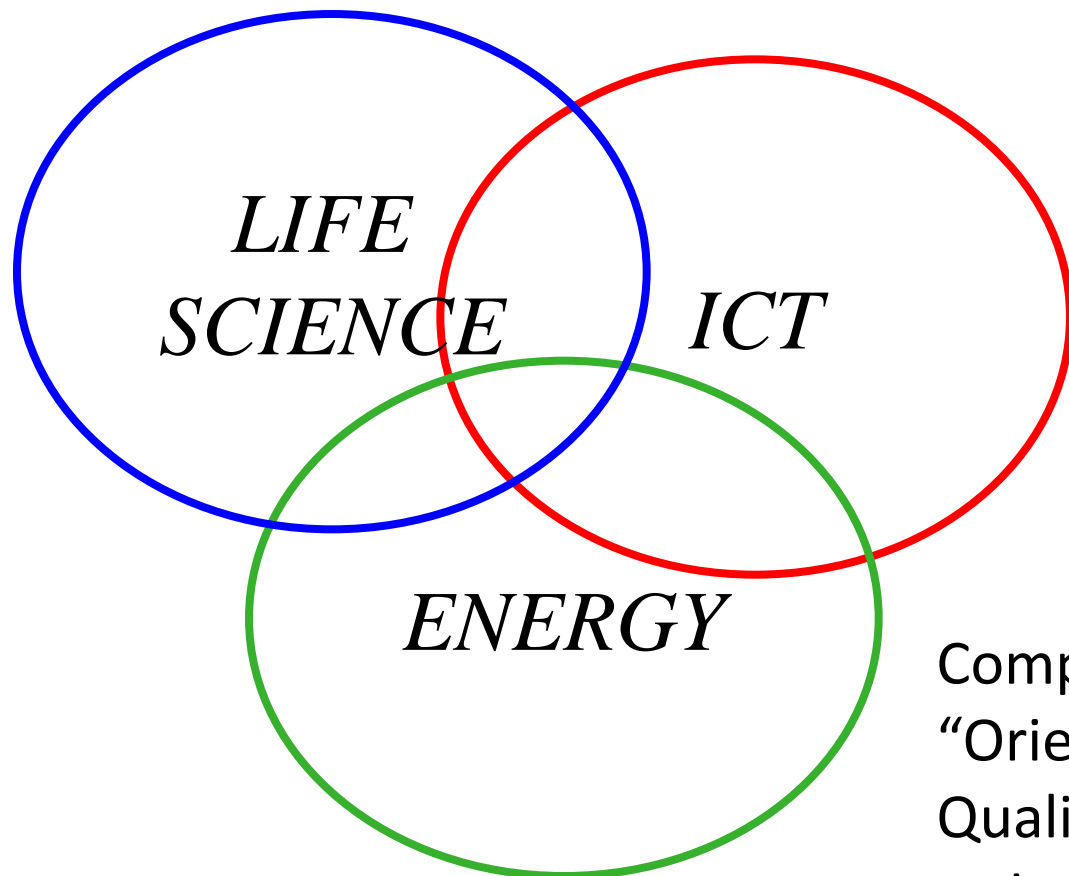
SFI - A Few Facts and Figures



- Year of establishment: 2000
- Funded through Department of Jobs, Enterprise and Innovation
- Sister agencies; IDA Ireland, Enterprise Ireland, FORFAS
- SFI Research remit:
 - **Life Sciences**
 - **Information Communication and Emergent Technologies**
 - **Sustainable Energy and Energy Efficient Technologies**
- Number of Employees: 50
- Annual Budget: €161 m (2011)
- Support > **3,400** researchers directly; **1250** PhD candidates; **750** Post-docs

4 Key Development Objectives

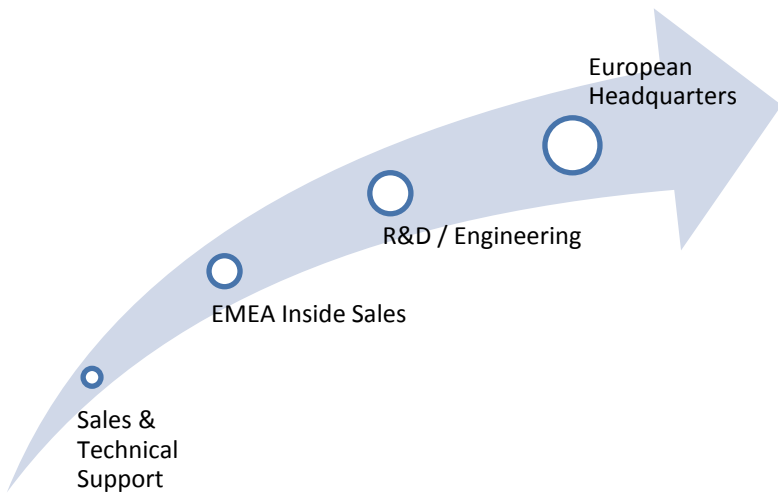




Competitive research proposals
“Oriented basic research”
Quality/Excellence –
International Peer Review
ONLY



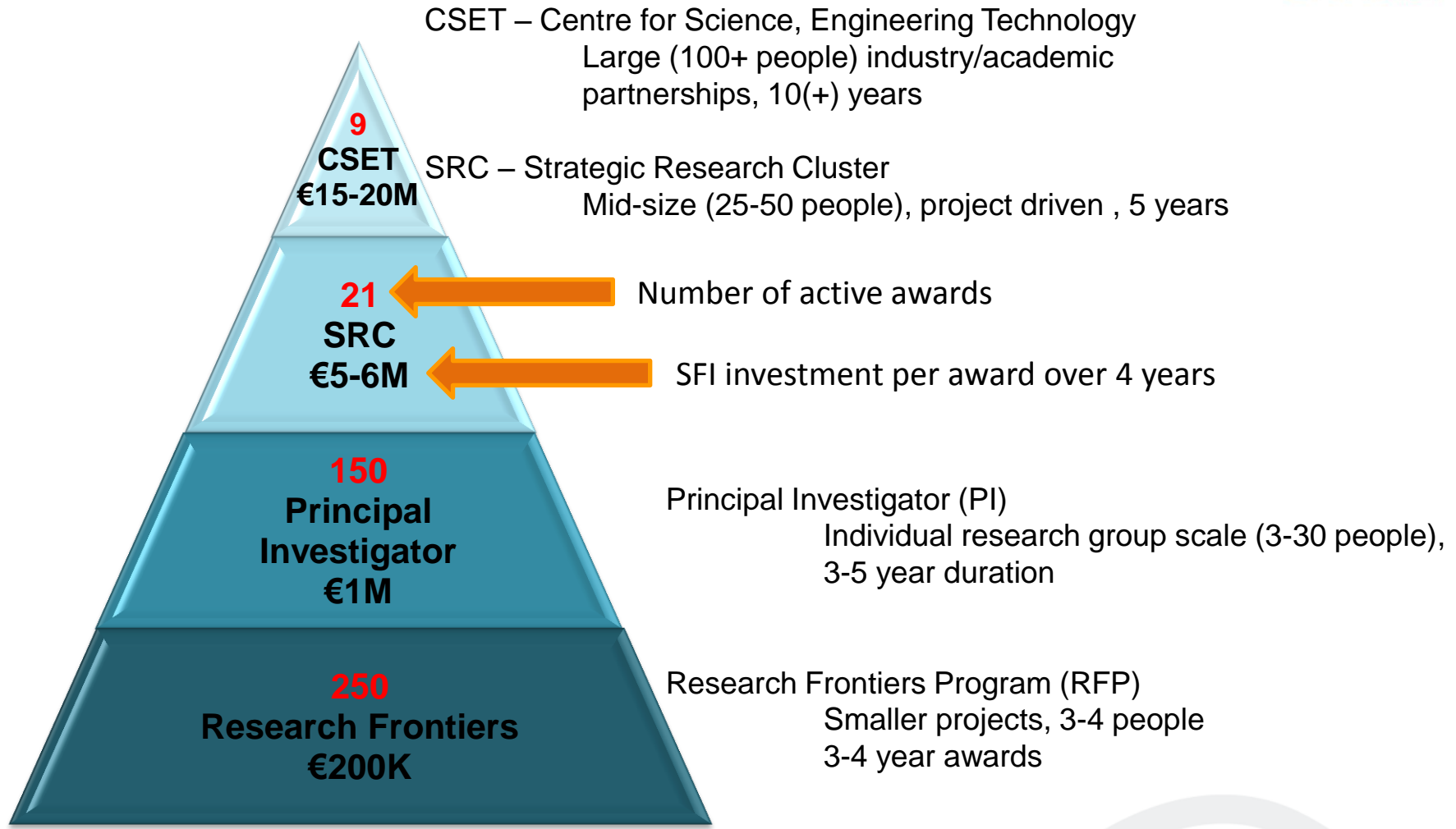
Sample Technology Companies



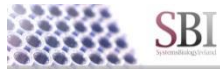
Ireland



All SFI programmes feed into key objectives



9 SFI CSET Centers for Science, Engineering, Technology



Systems Biology Ireland



Alimentary Pharmabiotic Centre, UCC



Biomedical Diagnostics Institute, DCU



Digital Enterprise Research Institute, NUIG



Lero, The Irish Software Engineering Research Centre, UL



Centre for Next Generation Localisation, DCU



CLARITY, UCD



**Centre for Research on Adaptive Nanostructures and
Nanodevices, TCD**




















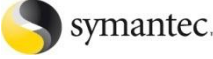











Centre for Telecommunications Value-Chain Research, TCD



Over 200 companies are now collaborating with academia through SFI programmes



CSETs	MNC Engagement
Alimentary Pharmabiotic Centre (UCC)	
Digital Enterprise Research institute (NUIG)	  
Centre for Research on Adaptive Nanostructure & Nanodevice (TCD)	   
Centre for Telecommunications Value Chain Driven Research (TCD)	  
Lero – Irish Software Engineering Research Centre (UL)	   
Biomedical Diagnostic Institute (DCU)	  
Next generation Localisation (DCU)	   
CLARITY (UCD)	  
System Biology Ireland (UCD & NUIG)	   

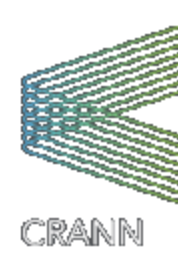
Key Research Centres

Tyndall Institute (UCC)
National Centre for ICT
Hardware Research

CRANN (TCD)
Centre for Research in
Adaptive Nanostructures
and Nanodevices



www.tyndall.ie



www.crann.tcd.ie

Opportunities for R&D employment and collaboration



- Post-doc and entry level Principal Investigator positions available
- Research centre – research centre direct links
- Sabbatical into Ireland: SFI Walton Visiting Researcher Award (3-12 months)
- Irish researcher outbound collaboration : SFI Short Term Travel Fellowships (STTF)
- Collaboration opportunities through the Framework programme of the EU