

e-Insir

Building the Irish National e-InfraStructure

Luke Drury



HEA

Higher Education Authority
An tÚdarás um Ard-Oideachas

Part of the Programme for Research in Third Level Institutions (PRTLII) cycle 4

2007 - 2011



NATIONAL DEVELOPMENT PLAN



EUROPEAN UNION
STRUCTURAL FUNDS

e-INIS Partners



ICHEC



Grid-Ireland



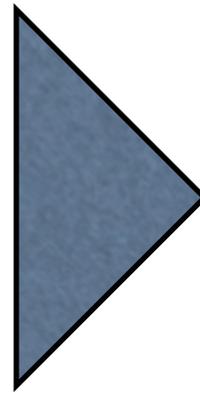
HEAnet



University groups in NUIG, NUIM, TCD and UCC.

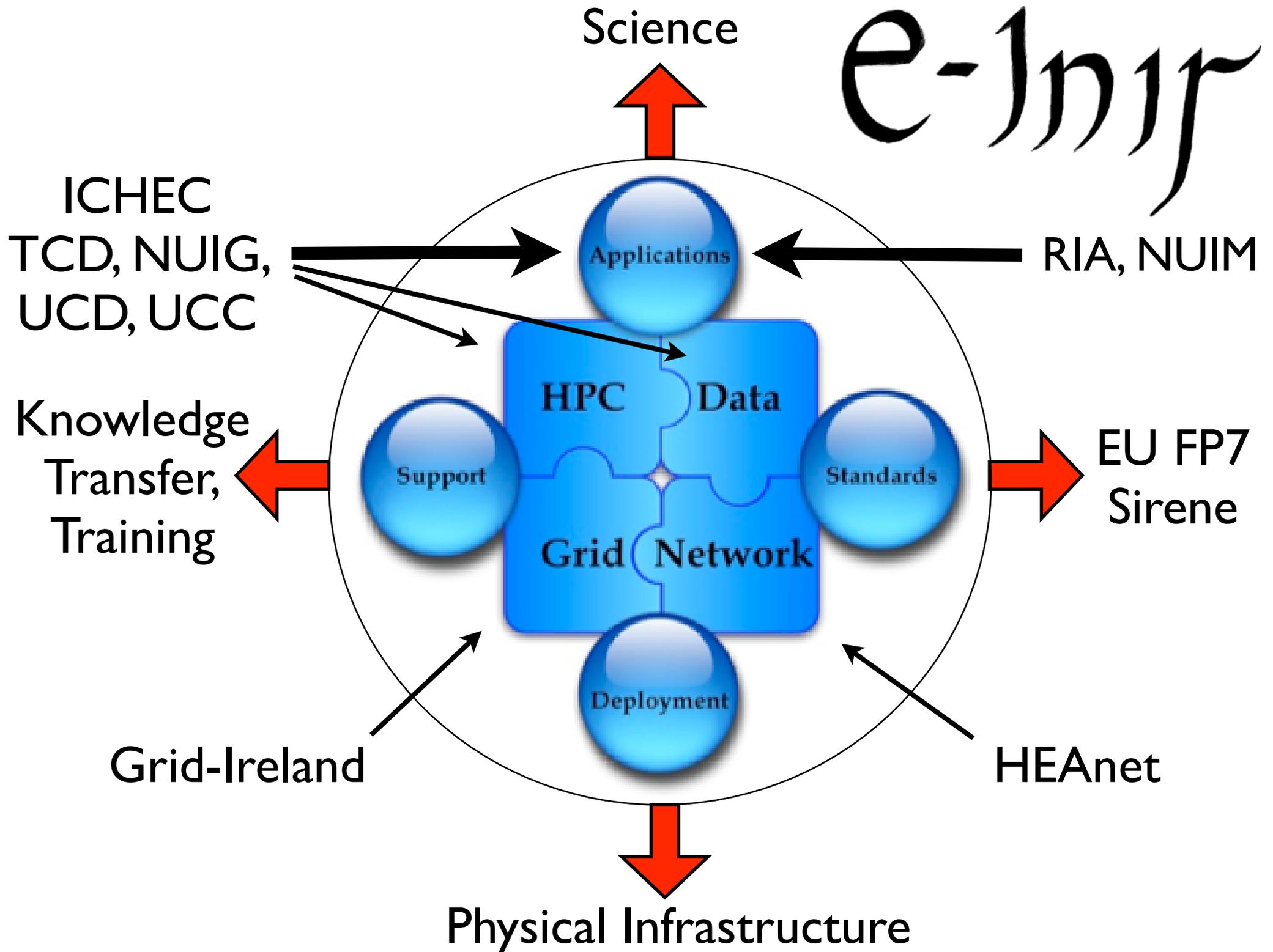


The Royal Irish Academy



Core group

e-Inf



e-INIS funds

- Upgrades to national HPC facilities
- National federated data store (**new**)
- User controlled light path interconnect
- Middleware deployment and support
- 17 positions
- National consultation process on future of the e-infrastructure

Key demonstrator projects for e-INIS

- Digital Humanities Observatory
- National Bioinformatics Portal
- (Astronomical Virtual Observatory)

Management

- Small executive group, CEOs of HEAnet, Grid-Ireland and ICHEC + me
- Oversight council (in process of being established) chaired by HEA nominee
- External advisory board

Challenges

- Achieve real uptake of Grid services
- Demonstrate added value of integration
- Build sustainable financial and administrative structures
- Build links to Europe and rest of world

Bottom line...

- Must provide useful services and added value
- Must actively recruit new user communities (the arts, social sciences, etc...)
- Must cooperate with each other
- Must achieve sustainability.....