



Digital Repository of Ireland  
*Taisclann Dhigiteach na hÉireann*

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# Sustainability



- Need a joined-up view for data, interoperability & research infrastructures
- Need a longterm view to enable durability

# Durability



- Research Infrastructures need progression plan from project/national funding to longer-term sustainability
- We need longterm financial commitments to enable durability – e.g. Geant 20 years
  - New funding instruments
  - New way of thinking
- Look for convergence not proliferation
- Ex-post evaluation, opt-out alternatives

# Business Model



- Interoperability, multi-disciplinary, re-use and shared services for cost-effectiveness
- What's the business model?
  - Cost savings through efficiencies & shared services
  - Productivity improvements
  - Increased research impact
  - Cross-community sustained benefits
  - New discoveries, unforeseen re-use

# Industry engagement



- Exploit public-private partnership
  - Noting that public commitment to sustain research infrastructures can be different to industry perspective
- Increase access for private sector
- Demonstrate innovation and impact
- Agile adoption of new technologies to address new data challenges

# Inclusivity



- We are responsible for open, inclusive, transparent access to research infrastructures
- Public investment can open up markets, lower prices
- Public sector research should take risks
- Consult users to understand needs
- Inclusive ecosystem of data providers, funders, policy makers, service providers, users
- Need global platforms like RDA

# Skills, Professions

- This is a time of change
- It's all about the people





# Recommendations



- Engage digital generation from primary school
- Focus on data, SW, tools, content skills
- Interdisciplinary & hands-on experience
- Enable movement of data & people
- New roles – CIO, dedicated intermediaries, information specialists, translators, integrators
- Technology scales easier than people

# Recommendations



- Reflect on in-house skills Vs outsourcing
- Salary flexibility: skills shortage just a salary gap?
- Where do data scientists want to work?
- Career progression, incentives & rewards, inclusivity across gender, age & borders
- Need longterm but flexible strategy & investment
- Move from principle to practice

# Last words...



- Catherine Riviere - 'be more creative and inventive'
- Thierry Van Der Pyl - 'be more daring'