

e-Infrastructures for e-Science:

thoughts from the Canada Foundation for
Innovation

International Conference on Research Infrastructures (ICRI)
Copenhagen, Denmark, March 22 2012

1. THE CANADA FOUNDATION FOR INNOVATION

- Established by the Canadian Federal Government in 1997
- Provide state of the art research infrastructure
- Across all fields of research and inquiry
- 40/60 shared funding model
- Institutions are applicants and owners
- Requires strategic research planning from applicants
- Awards based on merit and excellence

To date 7,500+ projects/\$5.5B CFI investment
Total investment \$14B

2. THE E-INFRASTRUCTURE LANDSCAPE: CHALLENGES

- **Evolving from regional HPC centers to a distributed national resource**
- **Developing an integrated approach – network, HPC and data**
- **Funding models: historical and future**
- **National cyberinfrastructure strategy?**

3. MAJOR SCIENCE INITIATIVES



SOME FINAL THOUGHTS

- 1. E-infrastructure, a complex ecosystem**
- 2. Increased profile and visibility of Canadian MSIs**
- 3. Participation/inclusion menu – levels and choices of involvement in GRIs**
- 4. Collaboration supports work – ERA-CAN**
- 5. Data: many “languages” but one voice**