

# CyX?

## ***Alberta Cyberinfrastructure for Innovation***

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# *Outline*

- ◆ What is ACI?
- ◆ Why ACI?
- ◆ How will ACI work?
- ◆ ACI Evolution
- ◆ What are the ACI deliverables?

# *What is ACI?*

- ★ ACI is a *not-for-profit partnership* of academic, industry and government entities
- ★ It provides *support personnel* to increase access to technology and expertise to facilitate Alberta's academic researchers' ability to answer questions, solve problems, and innovate in key priority areas such as health, life sciences, nanotechnology, ICT and energy
- ★ IT will consult, manage, inform, demonstrate, and pilot CI-related technologies in *collaboration with industry*.

The logo for ACI (American Concrete Institute) is located in the top left corner. It consists of the letters 'A', 'C', and 'I' in a stylized, serif font, arranged in a slightly curved line. The letters are white with a thin black outline. The background behind the logo is a circular graphic of a wireframe sphere.

# *Facilities/Services View*

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are needed to see this picture.

# Why ACI?

- ◆ Need to provide more sustainable funding of our research network (Netera)
- ◆ Need to leverage better existing research investments, particularly High Performance Computing (WestGRID)
- ◆ Desire to develop a visionary approach for research infrastructure of the future.



# *Two-Year Journey*

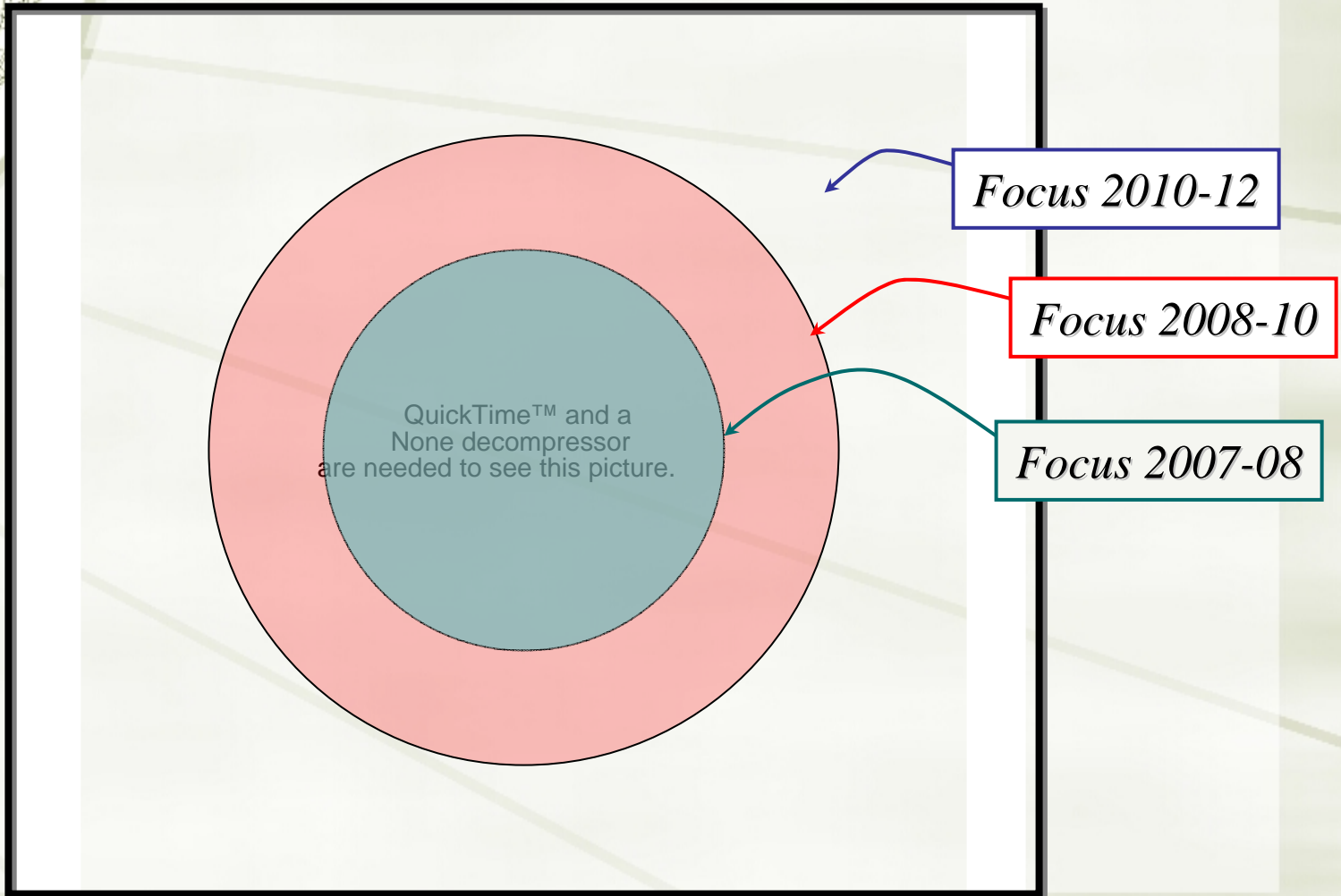
- ★ Cyberinfrastructure Task Force formed – Apr. 2005
- ★ Cyberinfrastructure White Paper – Jan. 2006
- ★ ACI Strategic Plan developed – Oct. 2006
- ★ Letters of Agreement – Oct. 2006
- ★ Governance & Operational Plans – Nov. 2006
- ★ Initial Government Support – \$1.25M Jan. 2007
- ★ Business Plan & Letters of Commitment – May 2007
- ★ Start-up (**Netera** ⇒ **ACI**) – July 1, 2007
- ★ Final Funding Approval – expected July-Sept. 2007?

# *How will ACI Work?*

## ★ Governance

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# *Implementation Model*



# *ACI Evolution*

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# *Key Deliverables*

1. **Integrating** existing CI resources, such as Netera and WestGrid, with newly acquired CI resources.
2. **Leveraging** funding from federal and provincial government sources with additional investments by both public and private sector partners - target of \$20 million from 2008-2012.
3. **Outreach** through sustained communications, promotions, support and training to demonstrate the advantages, applications, and successes of CI to researchers, industry, funders, and the public.
4. **Initiating** four significant pilot projects by early 2008, including industry-led projects where ACI plays a key-enabling role.
5. **Partnering** through the development and maintenance of an on-going program of demonstration projects, involving collaborations between industry and academia ⇒ creation of a full “**utility service**” by 2012.

ACI

# *ACI: Integrating, Leveraging, Outreach, Initiating, Partnership*

