

# FUTURE CHALLENGES AND OPPORTUNITIES

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# ORANO Today

- ORANO - a mission driven organization that
  - Operates ORION network to increase research, learning and innovation capabilities
  - Provides value-add services to end-users/institutions
  - Co-determines priorities and service requirements with stakeholders

# ORANO 2010-2011 Priorities

- Commence ORION infrastructure upgrade: Phase One
- Expand Value-Add services portfolio
  - Implement Data Backup (Spring 2010) – high availability storage, archiving (2011)
  - Add more Content Peers – Host Educational Content
  - Expand O3 Collaboration Platform (Launched 2009)
  - Interactive Digital Media Platform Pilot (Summer 2010)
  - Managed Application Services

# Key Trends Affecting Future Directions

- Old network model disappearing -- “Cloud Services”
- Anyplace, anytime, any device access
- End-to-End Cyberinfrastructure – e-science, e-learning
- “Green Shift”
- “Web 3.0”-- social media -- digital futures
- The economy
  - Knowledge/service economy
  - Greater efficiencies and cost effectiveness

# Going Forward

## Future Vision

- The ORION “cloud” provides
  - Access to a rich source of applications and services for research and discovery, education and learning, and commercialization opportunities
  - Anytime, Anyplace, Any Device Access for researchers, educators, learners and innovators
  - “Green Opportunities” for connected institutions and organizations