

# Panel Discussion

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## Exploring the First Steps towards Grid Adoption

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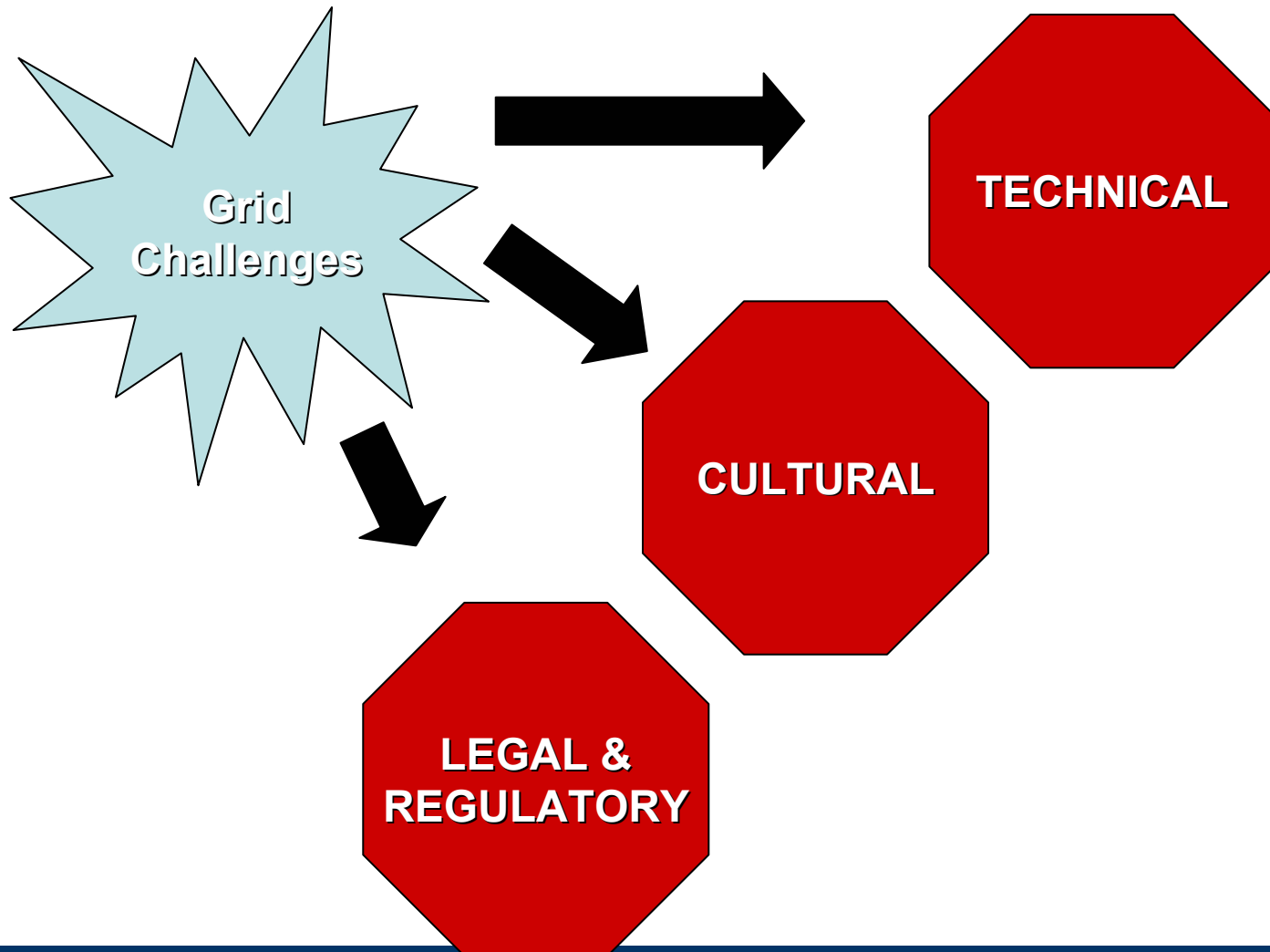


# Why IMHO are Grids Ready for Business

- **Grid technology and products exist (OGSA, portals, DRMs, 'Globus', web technology, grid-enabled applications, workflow management,...)**
- **Globus community, Globus Alliance, Globus Consortium**
- **Awareness of importance and benefits of grids**
- **Use cases, success stories (research, industry, government)**
- **Standards bodies (GGF, EGA, OASIS, W3C, WS-I, DMTF,...)**
- **Convergence of grid and web services, with strong business focus of web services community**
- **Grid Companies: grid products, grid-enabled products, services, grid service providers,...**

**But, grids are not (yet) ready for everybody !**

# However: There are Grid Challenges



# The Challenges Ahead

- Grids are over-hyped: currently, they promise much more than they can really offer today.
- Grid technology is far from mature and complete.
- Grid standards are (mostly) still missing.
- Grids are very complex IT infrastructures.
- The problem of scale and fail.
- Grids bring new challenges:  
sharing resources, loosing direct control, software licensing,  
security, intellectual property, legal, social, political issues . . .



# Grid Business Depends on the Organization

- Virtual Organizations, VOs: collaboration, sharing, quality,...
- Global, Enterprise, Department: operations, productivity, economy, competition,...
- Grid Service Provider: infrastructure, services; IBM, HP, Sun, MCNC, Telcos (BT, T-Systems,...), ...
- Application Service Providers: CD-Adapco, Fluent, ESI, SAP,...
- Grid Companies: products, services, studies, consulting,...



# How do I Adopt Grid in Business ?

- Think big, start small (be a visionary and a realist)
- Grid is a good opportunity to revisit existing IT infrastructure
- Look for comparable success stories and use case analyses
- Identify gaps, problems, concerns, ... Can grids help ?
- Find out in talking/listening to your users / customers !
- Build YOUR list of grid business benefits and inhibitors
- Create awareness -> training -> testbed (6 wks – 6 months)
- Get help from Grid Service Providers
- Get buy-in from upper management
- Eventually, evolve from testbed into production

## Time Machines



**The Steam Engine**



**The Combustion Engine**



**The Innovation Engine**

# Thank You !

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