

# **Grid – path to pervasive adoption**

Mark Linesch - President, Open Grid Forum  
Hewlett Packard

# The industry is on a journey

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## Old World

Static

Silo

Physical

Manual

Application



## New World

Dynamic

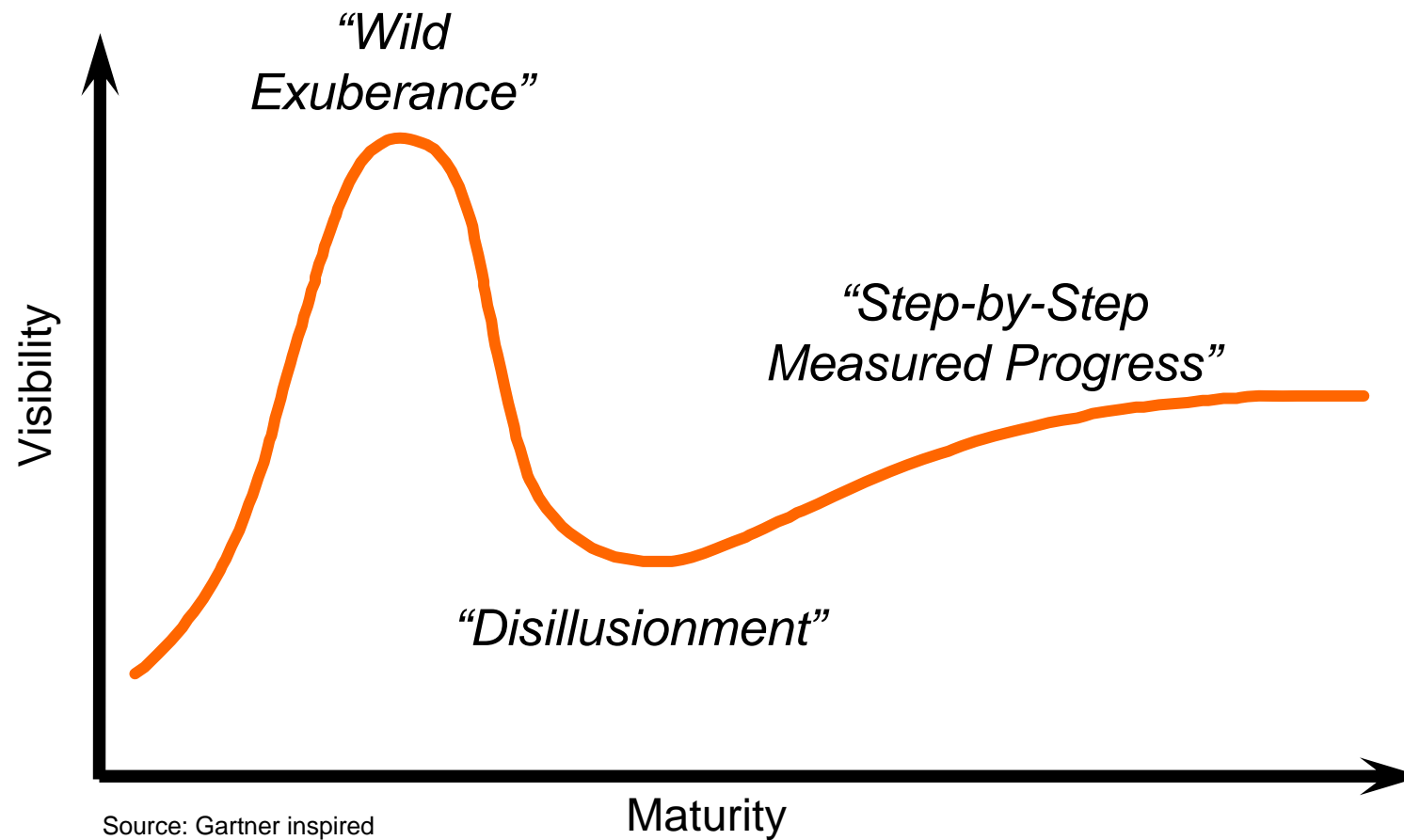
Shared

Virtual

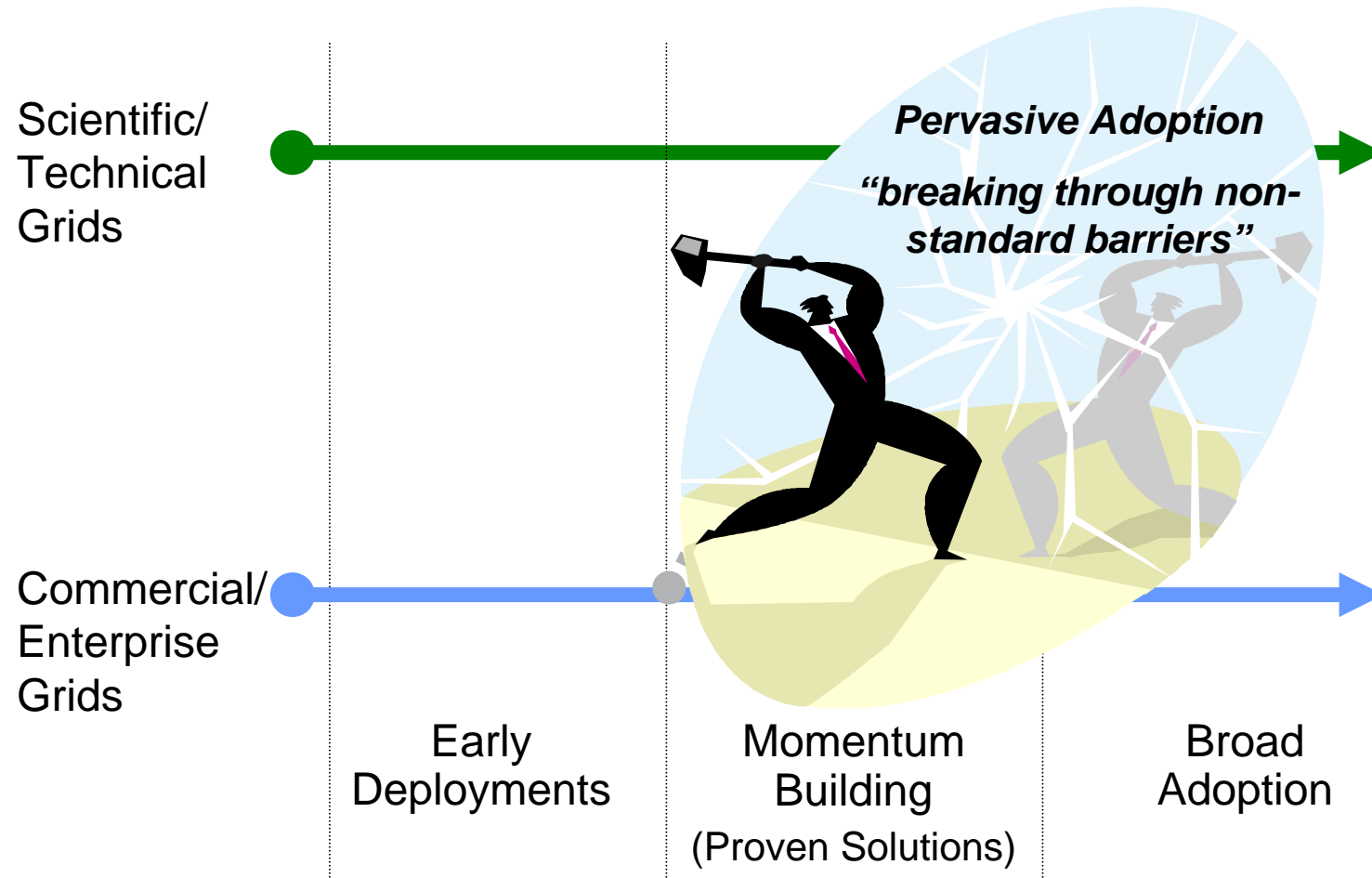
Automated

Service

# Technology will continue to mature



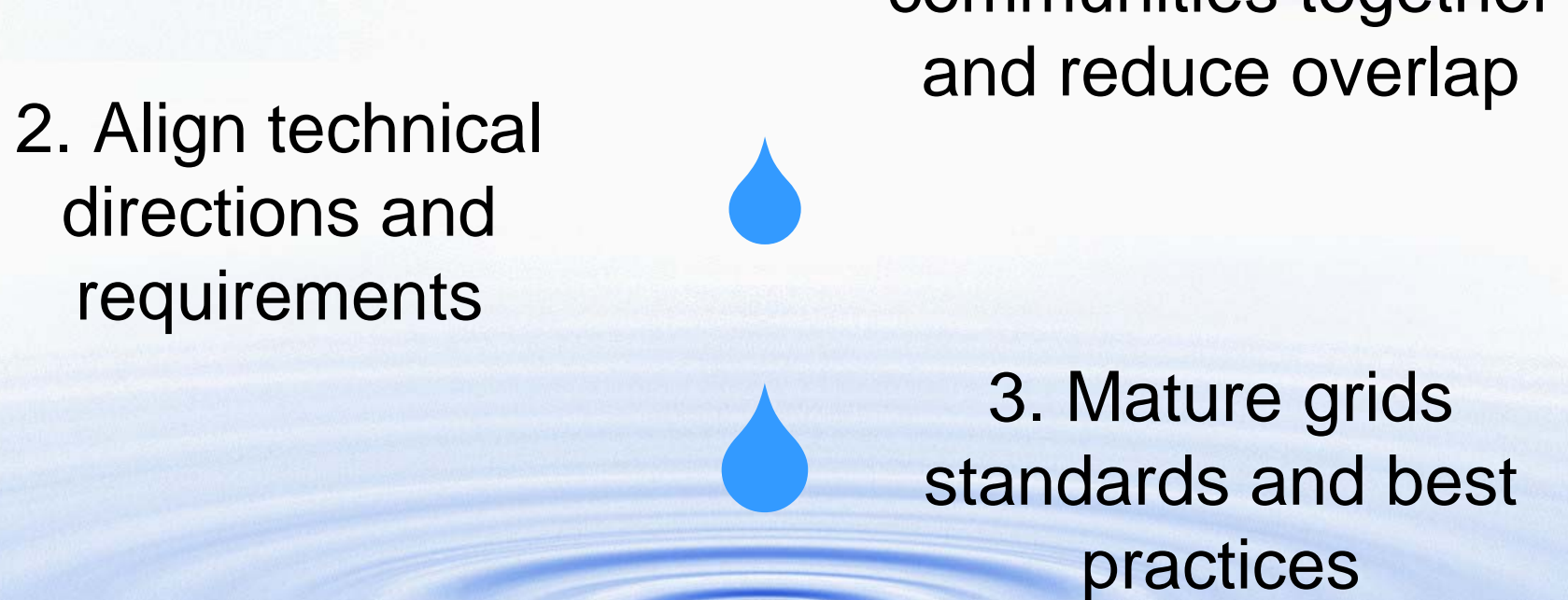
# Adoption will occur in stages



# Challenge/Opportunity

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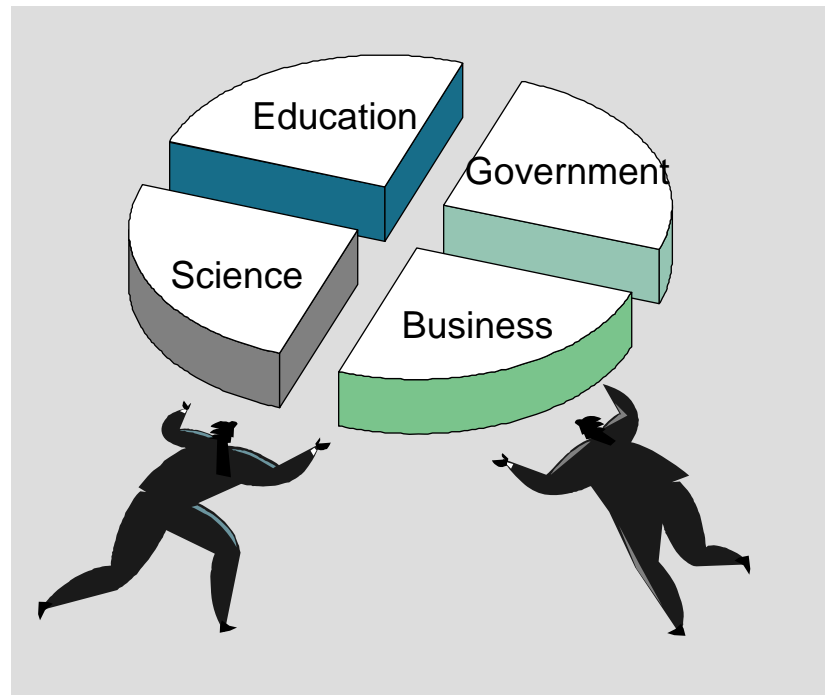


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1. Bring diverse communities together and reduce overlap
2. Align technical directions and requirements
3. Mature grids standards and best practices

# 1. Bring diverse communities together ...

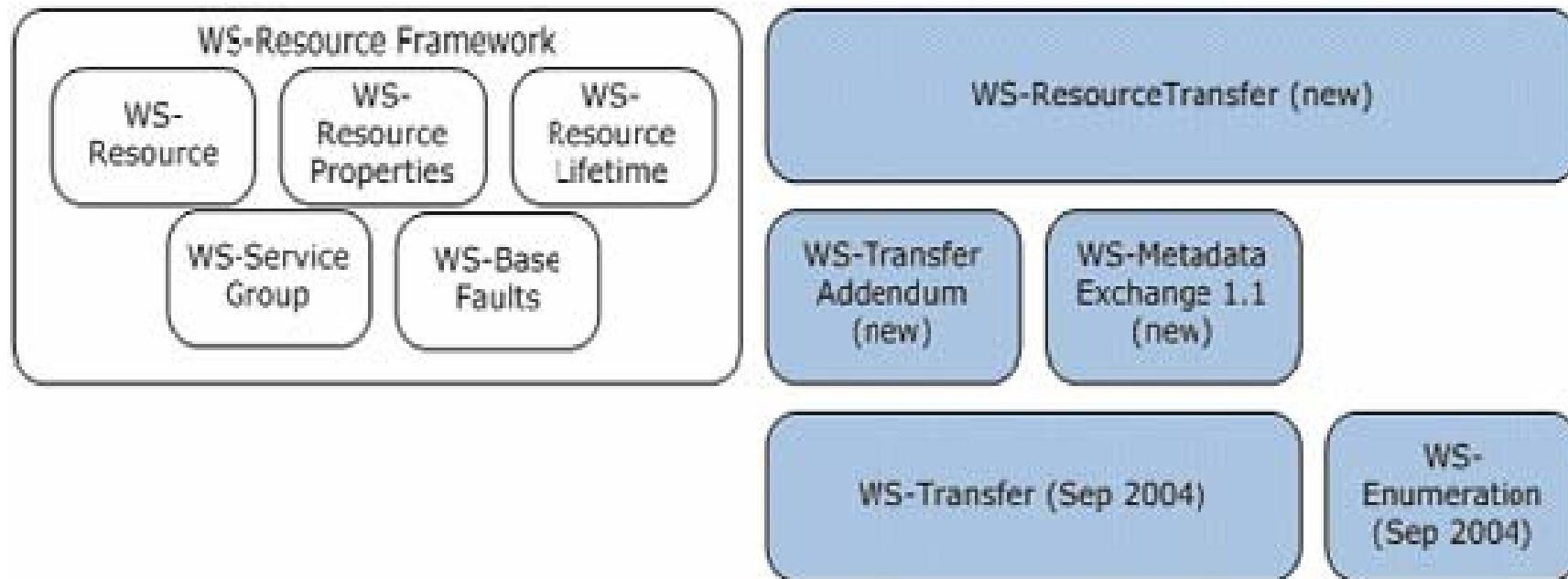
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## ***GGF and EGA announce merger to form Open Grid Forum***

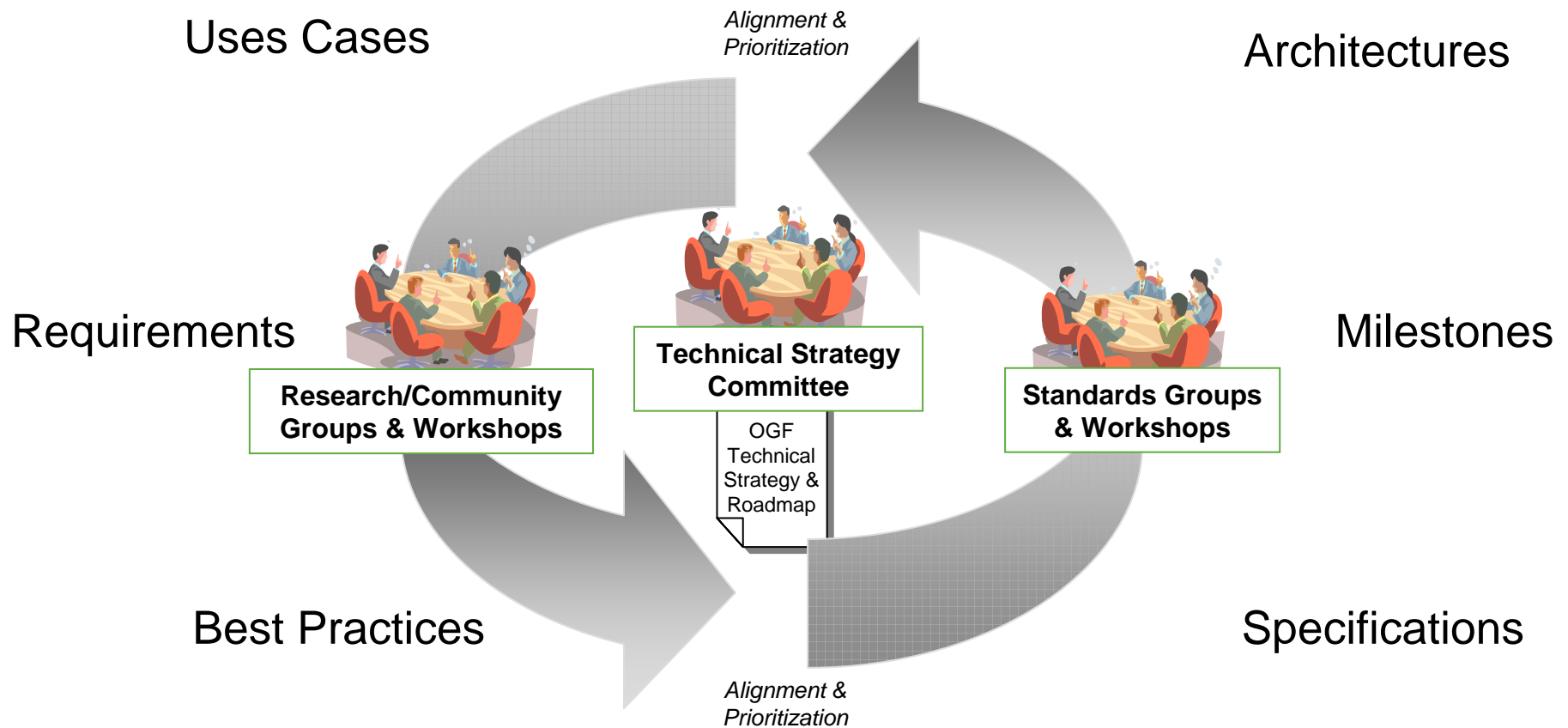


... and reduce overlap

## HP, IBM, Intel, and MS announce converged web services roadmap



## 2. Align technical directions and requirements





# 3. Mature Grid Standards and Best Practices



## OGF Document Series

- 13 docs published since GGF17, 5/06
- 4 documents in public comment
- 25 docs published in 2006 to date

## OGF Specifications

Grid APIs

SAGA, DRMAA

Job Submit

JSDL 1.0, OGSA-BES, HPC Profile

File Movement

GridFTP, DMI, BytelIO

Data Provisioning and Data Grids

WS-DAI, WS-DAIR, WS-DAIX

Application Provisioning

CDDL, ACS

Secure Channel Establishment

OGSA-SBP-Core, OGSA-SBP-SecChan

Attribute-Based Authorization

OGSA-AuthZ, SAML

# Mission -accelerating adoption

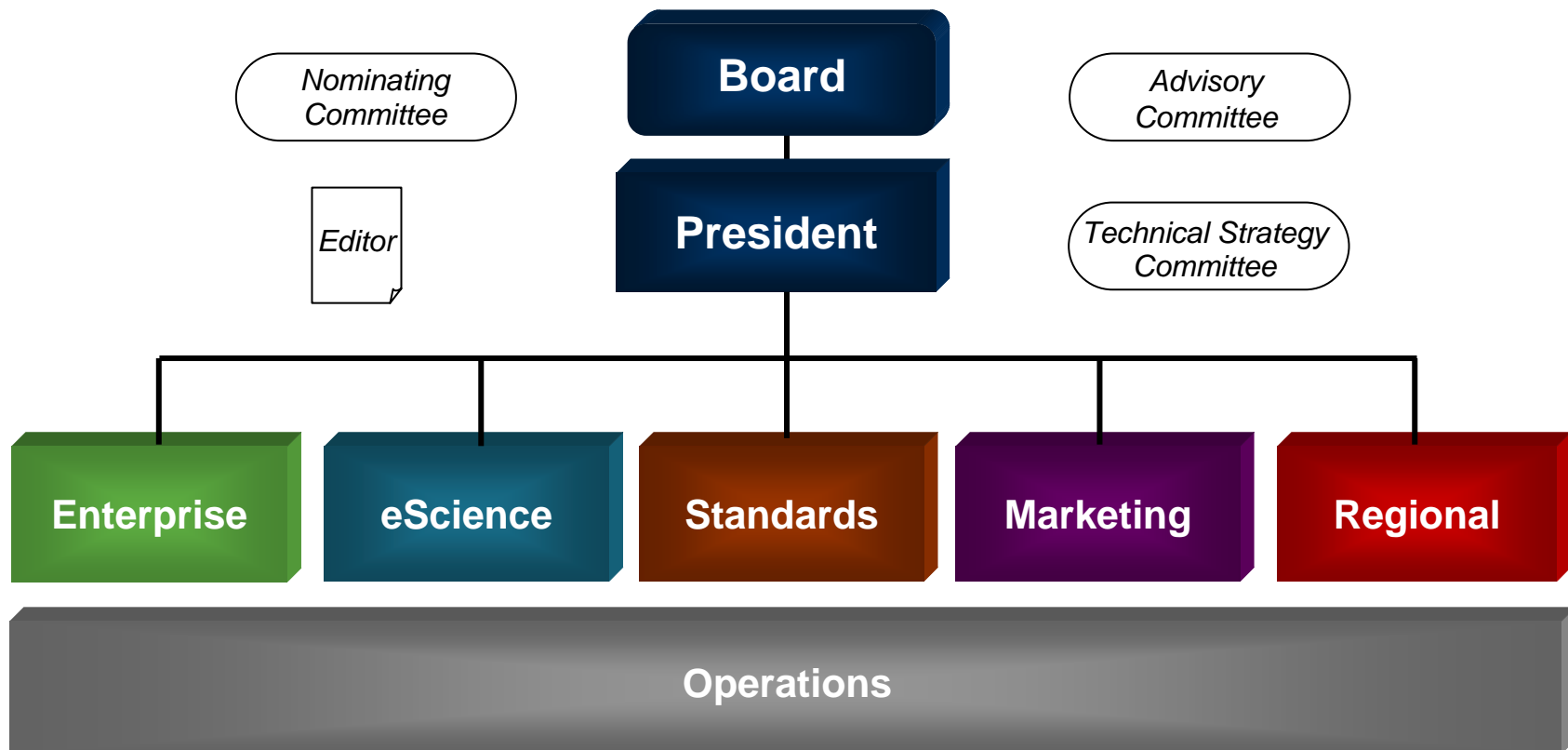
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**Open forum** for grid  
innovation and outreach

**Open standards** for grid  
software interoperability

# Organization



# 2007 Strategic Priorities

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**Open Forum** - provide a more productive environment for grid innovation, outreach and communication

**Open Standards** - redouble efforts to deliver specifications that enable grid software interoperability

# OGF19

January 29 - February 2



- The Friday Center, UNC, Chapel Hill, NC
  - Hosted by RENCI
  - Group sessions, Workshops

# OGF20

7-11 May 2007



- Manchester, UK
  - Manchester International Convention Centre
- Co-located with 2nd EGEE User Forum
- Hosted by UK e-Science
  - local support from the University of Manchester



The University of Manchester

# The Open Grid Forum



**An international community dedicated to  
accelerating grid adoption**

- **Open** Forum
- **Open** Standards
- Opening doors to ...
  - Business Value
  - Scientific Discovery



**Thank you!**