

# OGF101

## The Hitchhikers Guide to the Open Grid Forum

# Overview

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- History & Mission
- Organization & Leadership
- Groups & Deliverables
- Events & Activities
- Membership & Involvement
- Next Steps

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# History



<http://www.ggf.org>

- Birthed in high performance computing community in 1998
- Merged with European & Asian grid efforts in 2001
- 52 groups and 81 documents



<http://www.gridalliance.org>

- Birthed in enterprise data center community in 2004
- Raised awareness of grids in “end-user” organizations
- 5 groups and several important documents

Merger completed, June '06; OGF Launched September of '06

# Open Grid Forum

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## **Our Vision:**

The Open Grid Forum accelerates grid adoption to *enable scientific discovery and business value.*

## **Our Mission:**

The Open Grid Forum accelerates grid adoption by providing an open forum for grid innovation and developing open standards for grid software interoperability.

# Open Grid Forum

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**Open forum** for grid  
innovation and outreach

**Open standards** for grid  
software interoperability

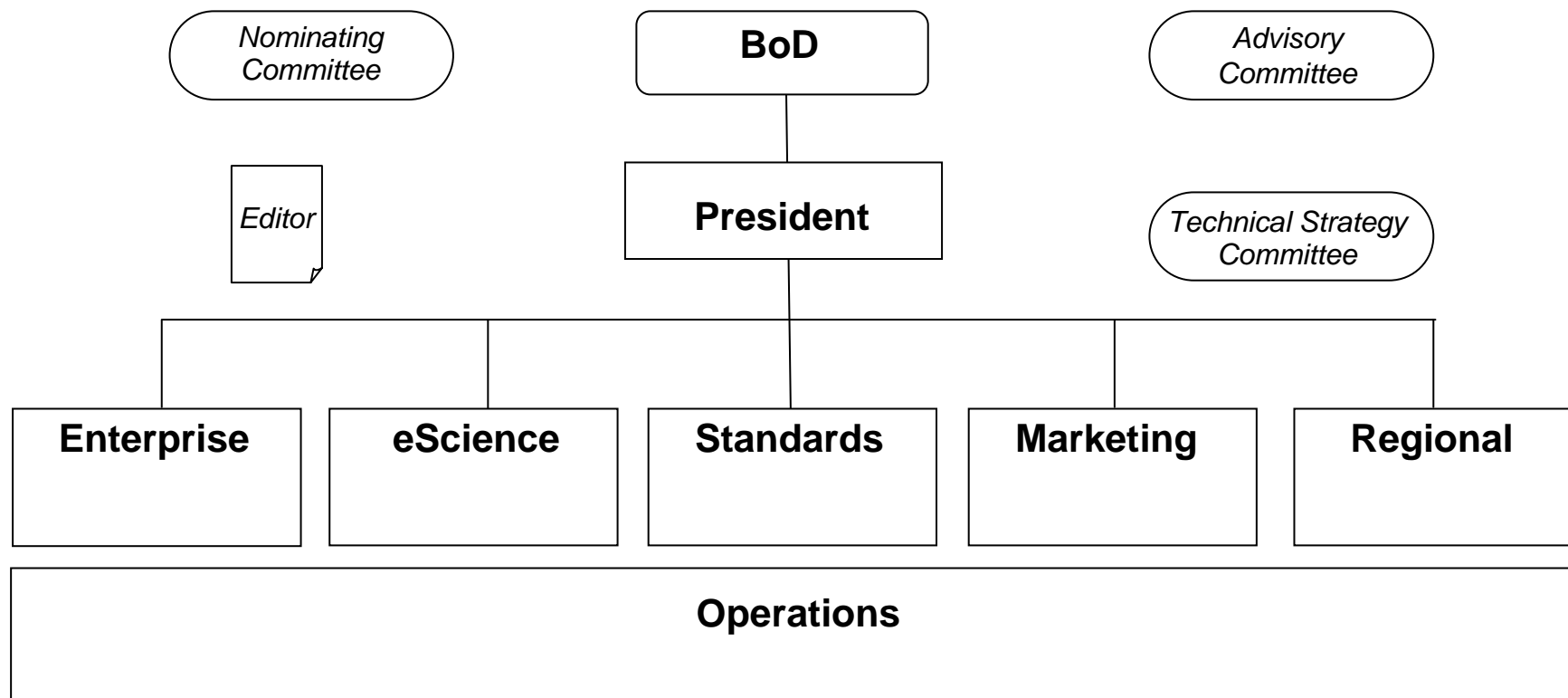
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# Organization



OGF Overview Document available at:

[http://www.ogf.org/rotate\\_headers/rotate\\_launch.php](http://www.ogf.org/rotate_headers/rotate_launch.php)

# Committees

## Advisory Committee (ADCOM)

- Community outreach/integration
- Strategic insight and advise

## Nominating Committee (NOMCOM)

- Run nomination processes
- Leadership recommendations

## Technical Strategy Committee (TSC)

- Orchestrate Technical Strategy
- Strategy & Roadmap Document

# Board-of-Directors



- Board of Directors provides strategic and policy guidance while helping to insure the ongoing health of the organization
- Comprised of 10 Organizational members plus 5 At-Large members

## Organizational

- Ian Baird (EMC)
- Bernd Kosch (Fujitsu-Siemens)
- Martin Walker (Hewlett-Packard)
- Ken King (IBM)
- Don Harbart (Intel)
- Tony Hey (Microsoft)
- Mike Szelong (Network Appliance)
- Bob Thome (Oracle)
- Chris Purpura (Platform Computing)
- Malcolm Atkinson (UK e-Science)

## At-Large

- Dr. Bill Nitzberg (Altair Engineering)
- Paul Strong (eBay)
- Dr. Hiro Kishimoto (Fujitsu)
- Jason Carolan (Sun Microsystems)
- Charlie Catlett (TeraGrid, University of Chicago/Argonne Labs)

# Operational Leadership

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- President – Mark Linesch, Hewlett-Packard
  - Full time CEO representing the interests of all constituents
  - Holds general supervision, direction and control of the business
- VP, eScience – Geoffrey Fox, University of Indiana
- VP, Enterprise – Robert Fogel, Intel
- VP, Standards – David Snelling, Fujitsu
- VP, Marketing – open
- VP, EMEA Region – Bernd Kosch, Fujitsu-Siemens
- VP, Asia-Pacific Region – Toshihiro Suzuki, Oracle
- VP, Operations – Steve Crumb, OGF
- OGF Editor, Gregory Newby, Arctic Region Supercomputer Center

# Operating Structure

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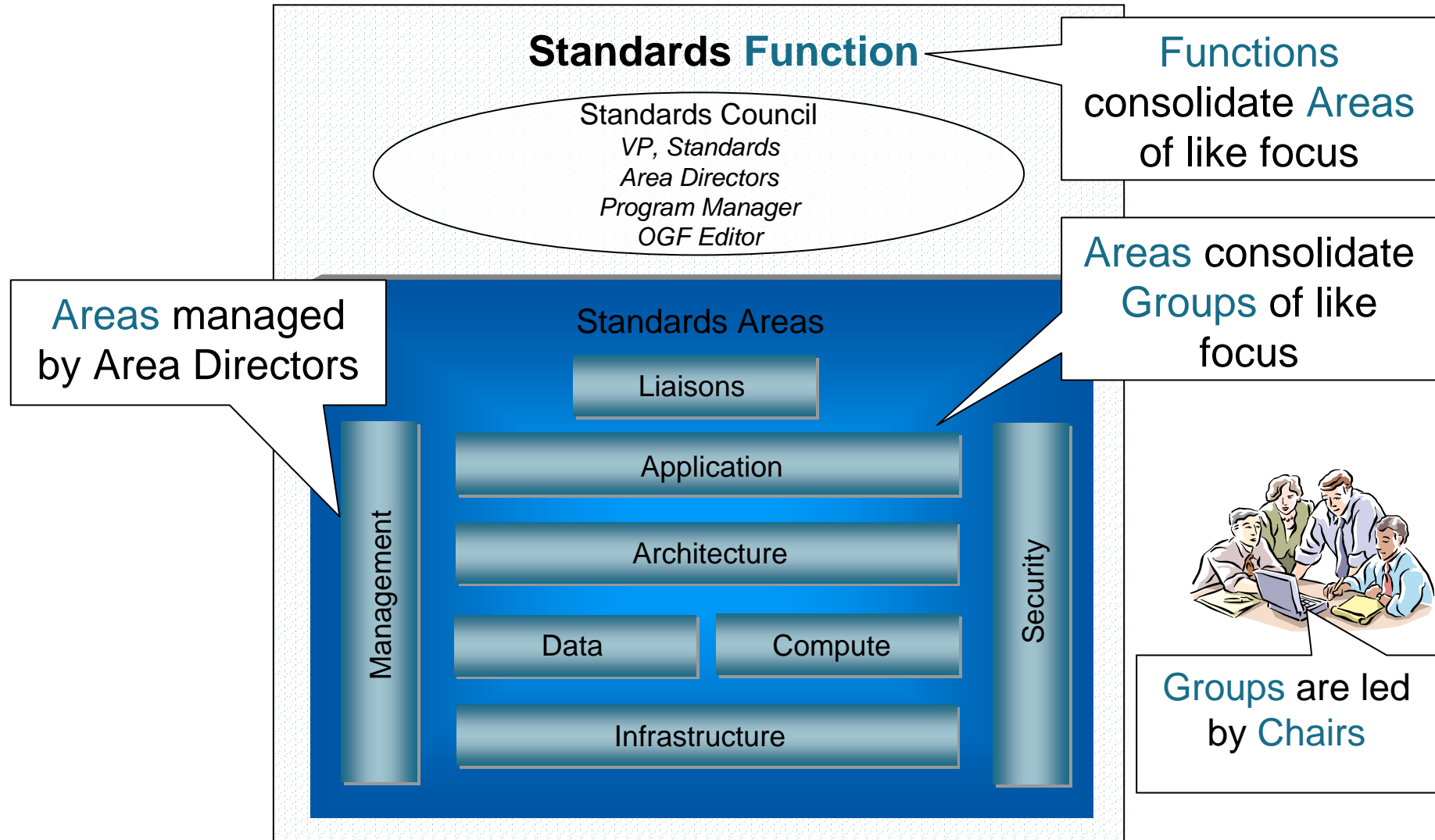
**Functions** manage “Areas” of like focus and are led by Vice Presidents.

**Areas** manage multiple Groups and are led by Area Directors

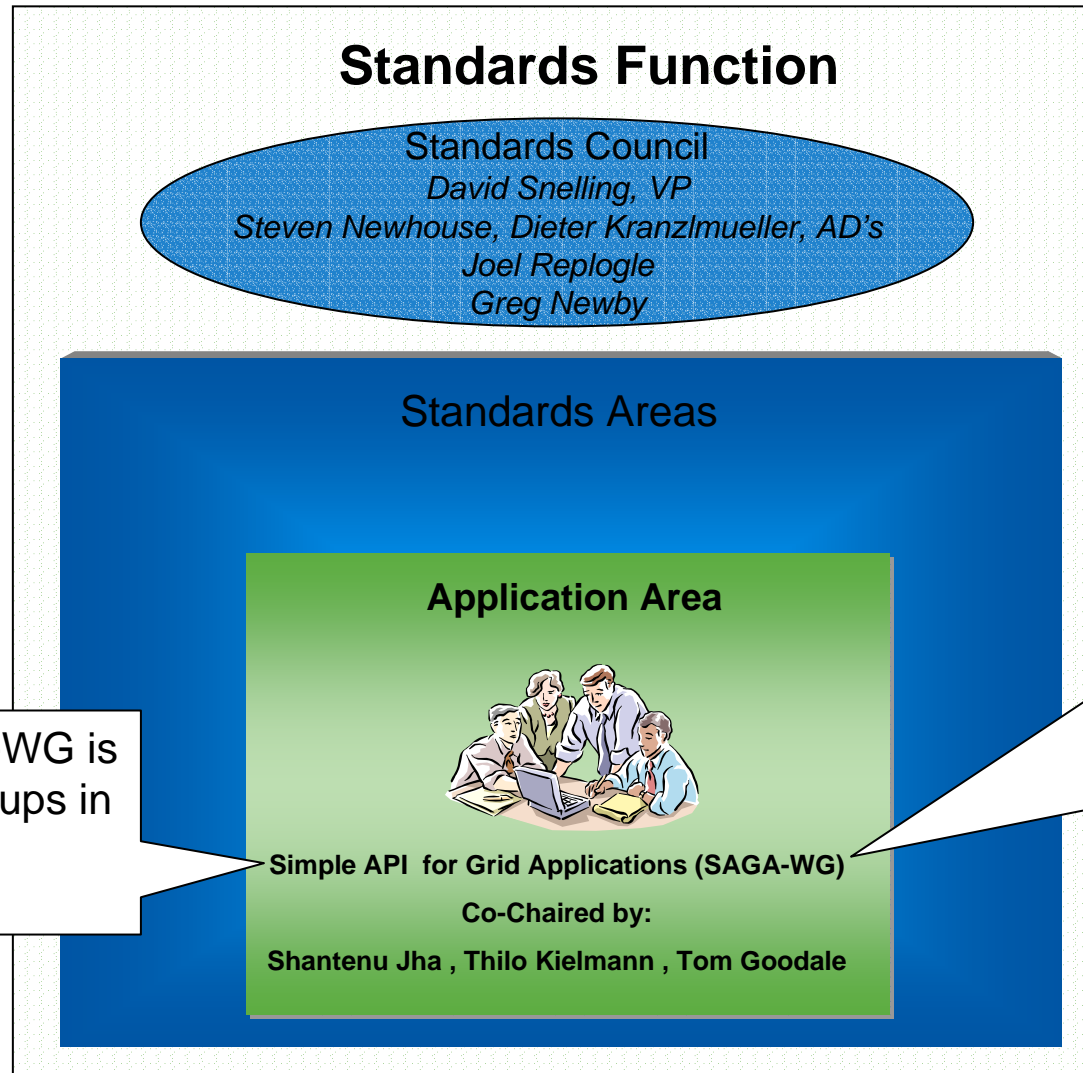
**Groups** pursue charters that includes milestones and deliverables

\* - Marketing and Regional Functions have Steering Committees, but no Areas

# Functions/Areas/Groups/Chairs



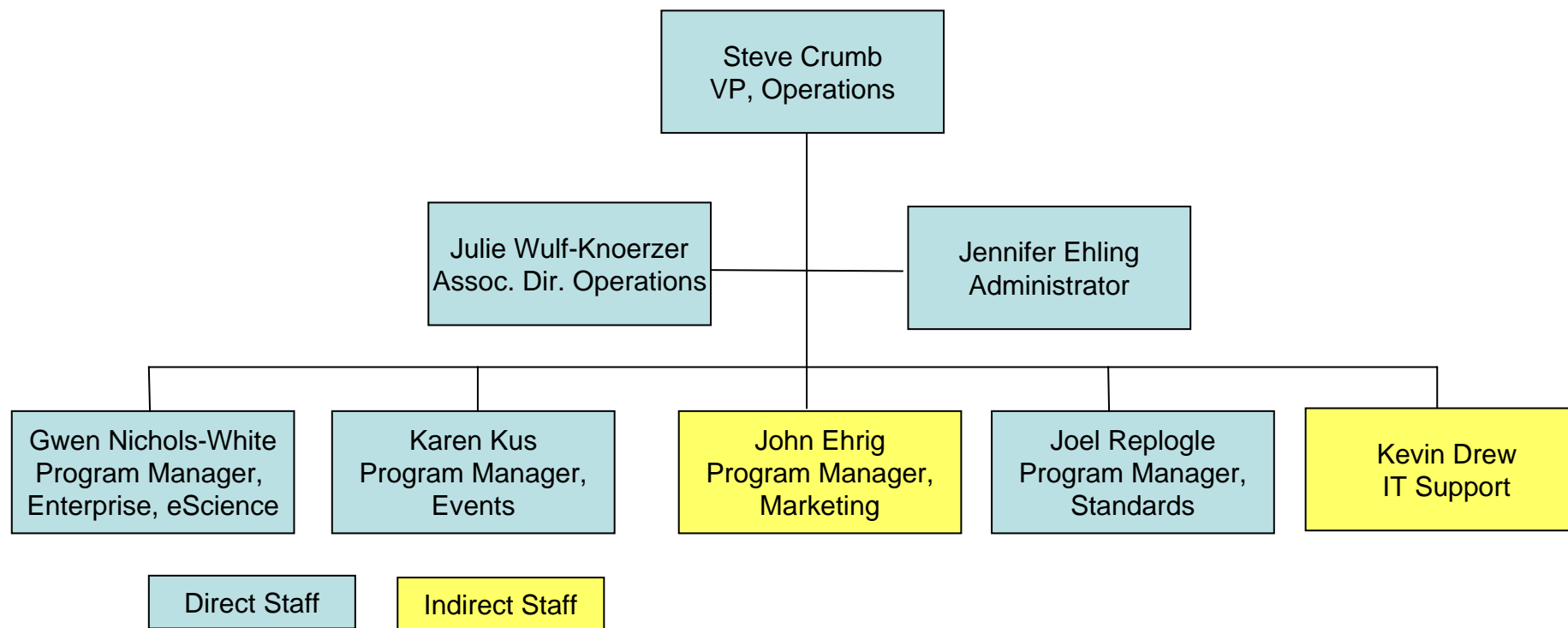
# Example: SAGA-Working Group



Note that SAGA-WG is one of many groups in this Area

Each group has an email list ([saga-wg@ogf.org](mailto:saga-wg@ogf.org)) and a GridForge project

# OGF Staff Leadership



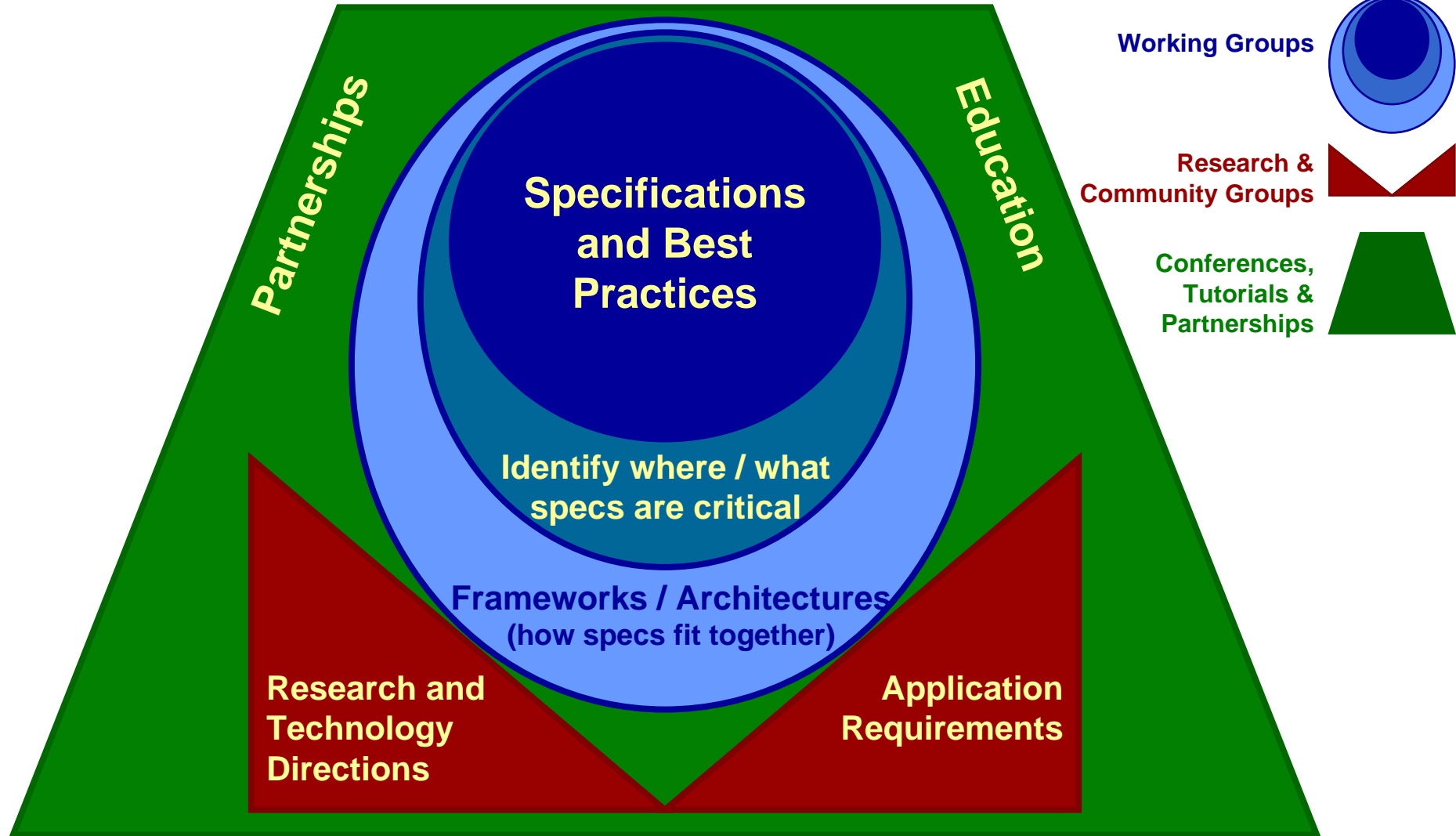
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# OGF Groups



# Group Types

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- Working Groups (WG)
  - Crisp focus on development of a specification or guideline
  - Clear milestones based on delivery of drafts and publication dates
- Research Groups (RG)
  - Focus can be broader than WG, but must be clear
  - Milestones based on delivery of drafts, organization of workshops, and workshop reports
  - Technology exploration (e.g., Semantic Grid-RG)
- Community Groups (CG)
  - Explore grid usage and requirements in a sector (e.g., Telco-CG)
  - Milestones based on delivery of requirements documents

# Existing Groups

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- Full Listing:  
[http://www.ogf.org/ogf\\_areasgrps\\_overview.htm](http://www.ogf.org/ogf_areasgrps_overview.htm)
- ~50 current groups in varying stages of activity
- Existing groups are looking for contributors
- New groups need to be formed but require additional leadership and contributors
- Opportunity: Engage in a group and become an active contributor

# Engaging in a Group

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- Determine if an existing group matches your area(s) of expertise
  - Explore Areas, then groups via URL just given
  - Talk with the Area Directors or VP representing your expertise (or me)
  - Join the group's email list (see: <http://www.ogf.org/mailman/listinfo>)
  - Obtain a GridForge login (<http://forge.ogf.org>) and join the group's online activities
  - Read the group's draft documents and come up to speed
- If no group exists, consider forming a new one

# Group Formation

Groups are formed through a chartering process which includes approval by Area Directors and VP's

- Identify a “topic of interest” and approach an Area Director
  1. Hold a “Birds-of-a-Feather” (BoF) session at an event (optional)
    - introduces group topic to community
    - helps identify leadership (chairs, contributors)
    - determines “critical mass”
  2. Develop a draft **charter** defining:
    - group scope
    - intended deliverables and milestones
    - proposed Chairs
  3. Submit to AD's for approval
  4. Email list and GridForge project granted upon approval

# How Groups Work

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- Because every group has a different charter and leadership, every group is different
- Consistent things:
  - Work is announced on the group email list
  - Deliverables are normally one or more documents
  - Documents follow the same publication process (OGF Editor)
  - “Rough consensus and working code” is the rule of thumb
  - All work done under OGF IPR Policy
- Inconsistent things:
  - Meeting cadence
  - Use of GridForge (web-based collaboration tool) for group work
  - Group deliverables differ based on chartered work

# OGF Editor



- Manages the publication process (GFD-C.1) and “pipeline”
- Ensures documents are consistently formatted
- Works with Area Directors/VPs to ensure technical viability of documents
- Drafts submitted to the “editor pipeline”
  - Editor project in GridForge
  - <http://forge.ggf.org/sf/projects/ggf-editor>

# Deliverables

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- Different Groups have different deliverables
  - Research groups may hold workshops and create proceedings documents and/or “best practice” documents
  - Working groups will likely deliver specifications but may have preliminary “informational” documents to lay the foundation
  - Community groups may hold workshops that capture requirements which are documented and given to working groups
  - Other groups may document a well-used process in the grid industry or in the OGF organization
- Different deliverables require different document types

# OGF Document Types

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- Informational
  - Informs the community of an interesting and useful Grid-related technology, architecture, framework, or concept
  - Specifies requirements related to a particular vertical application
- Experimental
  - Informs the community of the results of Grid-related experiments, implementations, operational experience, or to propose an experimental specification

# Document Types

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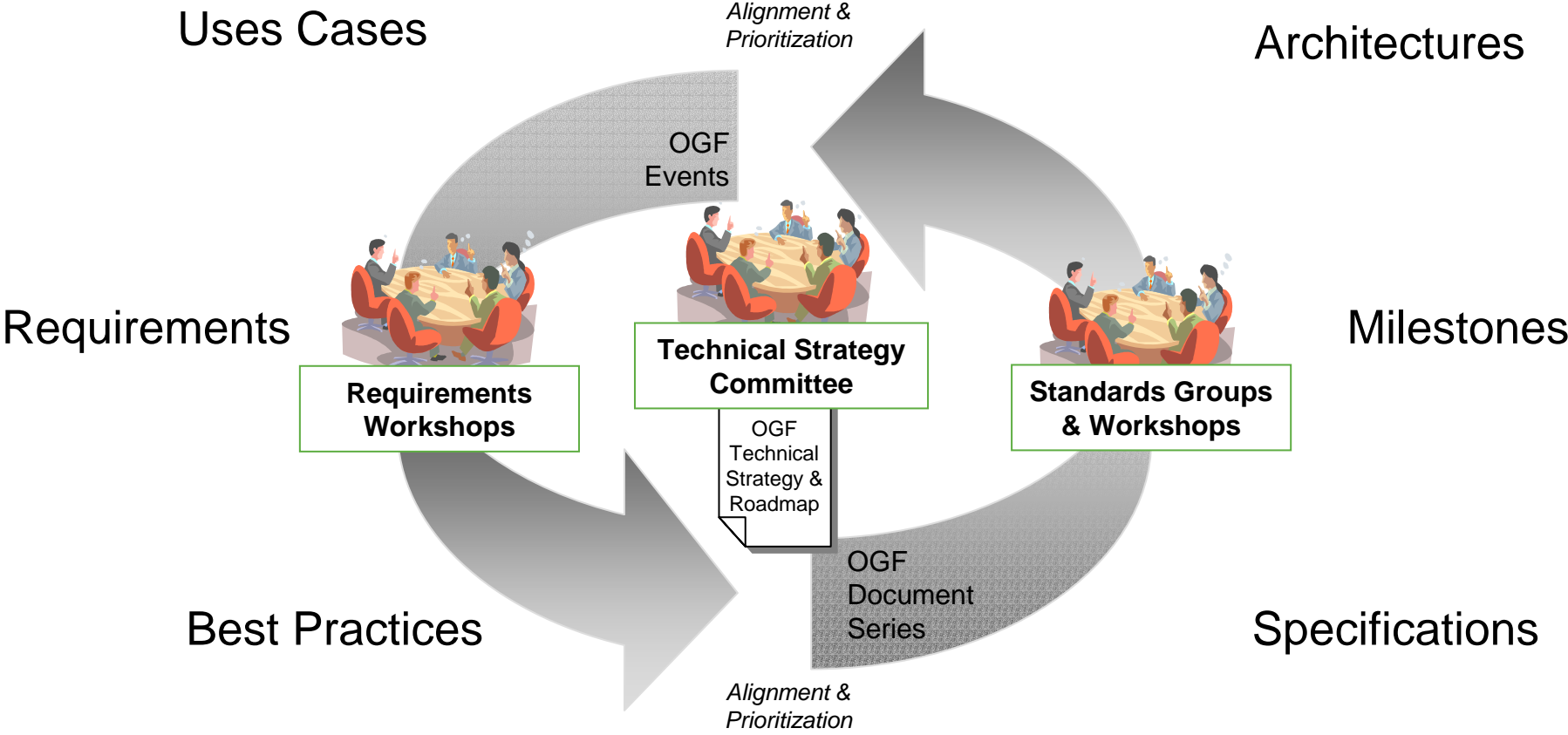
- Community Practice
  - Inform and influence the community regarding an approach or process that is considered to be widely accepted by consensus and practice in the Grid community or within the OGF organization
- Recommendations (2 stage)
  - Documents a particular technical specification or a particular set of guidelines for the application of a technical specification. The recommendations documents are intended to guide interoperability and promote standard approaches.

# OGF Technical Strategy/Stakeholder Alignment Process



**Open forum** for grid innovation and outreach

**Open standards** for grid software interoperability



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# Events & Activities

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- Events enable our “Open Forum” mission
  - Assembles grid topic experts from around the world
  - Provides opportunity for grid professionals to network together
  - Allows buyers and sellers to interact
  - Provides a venue for major grid projects to collaborate
  - Enables cross-OGF alignment on technical strategy
  - Delivers relevant content to interested parties

# Events & Activities

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- 3 major events a year: Winter, Spring, Fall
- Spread roughly equally by region (US, Europe, APAC)
  - Driven by attendance and host offers
- Several types of content:
  - Group Sessions: BoFs and chartered group f2f meetings
  - eScience Program: refereed workshops and in-depth sessions on grid innovations and best practices
  - Enterprise Program: end-user deployment-focused sessions and requirements gathering
  - Tutorials: hands-on sessions; educational
- Shorter, more focused events also possible
- Occasional webcasts

# 2007 Events

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- **OGF19**
  - January 29 - February 2
  - The Friday Center, UNC, Chapel Hill, NC
  - Hosted by RENCI
  - Group sessions, Workshops, Enterprise activities
- **OGF20**
  - May 7 – 11
  - Manchester Expo Center, Manchester, UK
  - Hosted by UK eScience; co-located with EGEE Users meeting
  - Group session, Workshops, Enterprise program
- **OGF21**
  - Oct. 15 - 19
  - West Coast US (TBD)
  - Group sessions, Workshops, Enterprise Program/Activities

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# OGF Membership

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- Provides the following benefits to organizations and individuals :
  - **INFLUENCE** ...On Directions and Priorities
  - **RECOGNITION** ...As a Leader Driving Grid Adoption
  - **INSIGHT**... Into Grid Standards & Use Cases

Note: Please refer to the *“Open Grid Forum Membership Program Document”* for specific details on the yearly OGF membership program

# Organizational Member Program



	Platinum \$50K	Gold \$25K	Silver <sup>1</sup> \$10K
<b>INFLUENCE...On Directions and Priorities</b>			
<b>Board Participation, Nomination, and Voting<sup>2</sup></b>			
Eligible to serve as board member	Organizational	At-large	At-large
Eligible to vote for board nominees	All	At-large	-
Eligible to nominate At-large candidates	✓	✓	✓
Invitations to Technical Strategy Committee Briefings	4	1	-
Eligible for Operational Leadership Positions <sup>3</sup>	✓	✓	✓
<b>RECOGNITION...As a Leader Driving Grid Adoption</b>			
Co-branded Programs and Materials	Exclusive	Shared	-
OGF Event Sponsorship Credits <sup>4</sup>	\$4,500	\$3,000	-
Visibility through OGF Marketing Channels	Pervasive	Significant	Selective
<b>INSIGHT...Into Grid Standards and Best Practices</b>			
OGF Event Registration Fee Waivers	6	4	-
Discounts to OGF and Industry Events	✓	✓	✓
Early Access to Documents and Roadmaps	✓	✓	✓

# Organizational Members



## *OGF Organizational Members*

<b>Platinum</b>	<b>Gold</b>	<b>Silver</b>	
EMC	AIST	APAC	Forschungszentrum Karlsruhe
Fujitsu-Siemens	AMD	Computer Associates	NCHC
HP	Fujitsu	CoreGRID	NCSA
IBM	Hitachi Ltd.	Ciena	NERSC+CRD
Intel	KISTI/GFK	Dell	NEC
Microsoft	Nortel Networks	FermiLab	San Diego Supercomputer Center
NetApp	Shell Exploration	Force10 Networks	SAS Institute
Oracle	Sun Microsystems	Fraunhofer	Symantec
Platform Computing		Grid Consortium Japan	United Devices
UK eScience		Informatica	US Department of Defense
		Internet2	AT&T
		Availigent	

# Individual Member Program



INFLUENCE...On Directions and Priorities	
Eligible for nomination to At-large board of director seats	Yes
Eligible to be nominated and appointed to leadership positions	Yes
Eligible to participate in all group and committee activities	Yes
RECOGNITION...As a Leader Driving Grid Adoption	
Recognition for document authorship, committee participation, etc.	Yes
Eligible for participation in the OGF student scholar program	Students Only
Able to organize and/or participate in a OGF Affiliate	Yes
INSIGHT...Into Grid Standards & Best Practices	
Access to grid experts from around the world	Yes
Early access to documents and roadmaps	Yes
Discounts at OGF and industry events	Yes

# Becoming a Member

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- Join as an organization:

[http://www.ogf.org/Members/members\\_org\\_program.php](http://www.ogf.org/Members/members_org_program.php)

or contact Steve Crumb ([scrumb@ogf.org](mailto:scrumb@ogf.org))

- Join as an individual:

[http://www.ogf.org/Members/members\\_ind\\_program.php](http://www.ogf.org/Members/members_ind_program.php)

or send questions to [member-info@ogf.org](mailto:member-info@ogf.org)

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# Next Step – Engage!



- **Become a member**
  - Register as an individual member OR
  - Facilitate your company becoming an organizational member
  - Gain visibility for your company by sponsoring a future OGF event
  - Encourage technical talent in your organization to engage in OGF work
- **Become involved in a group**
  - Subscribe to a group email list
  - Obtain a GridForge login and join a group
  - Read/comment on draft specifications (e.g., Technical Strategy doc)
- **Attend program sessions**
  - e-Science Workshop
  - Enterprise requirements session
  - Business value of grid session (OGF20, OGF21)
  - Enterprise adoption session
  - Software Developer Forum
- **Other**
  - Network/share expertise with grid experts and peers at OGF events
  - Subscribe to OGF e-newsletter
  - Engage in Marketing Strategy Committee