

International Knowledge & Capitol Flows

Modular Knowledge and Transformative Networks

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Innovation



World Health
Organization



Demands of a Global Economy

- **Vigilance**
- **Absorptive capacity**
- **Flexibility**
- **Dynamic exchange**
- **Diversity**
- **Cultural awareness**
- **Nimble interactions**



Modular Knowledge



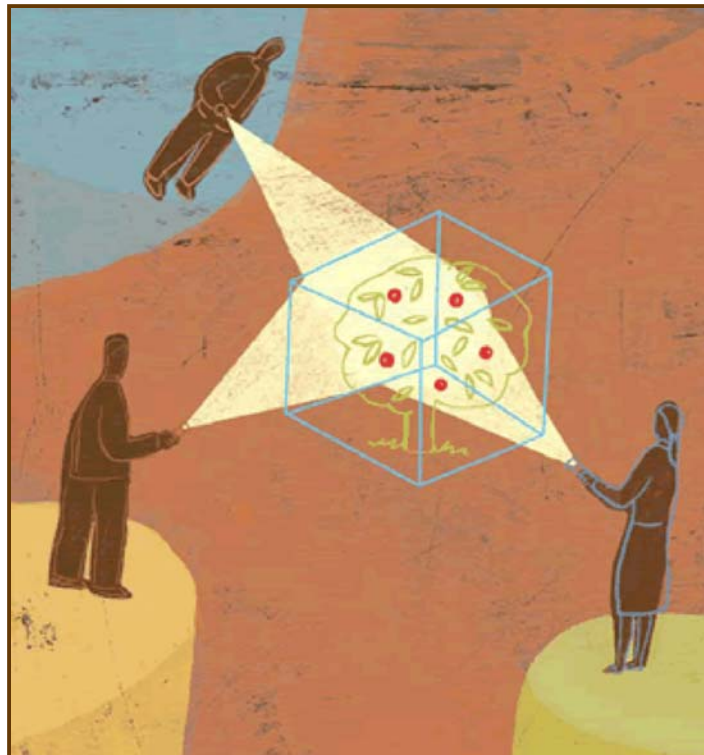
Boeing's "Global Collaborative Environment" links all partners to a platform of product life-cycle management tools and a shared pool of design leading to time & cost savings and innovation.



Triple Helix Modularity

1. Technical Models
2. Design Rules

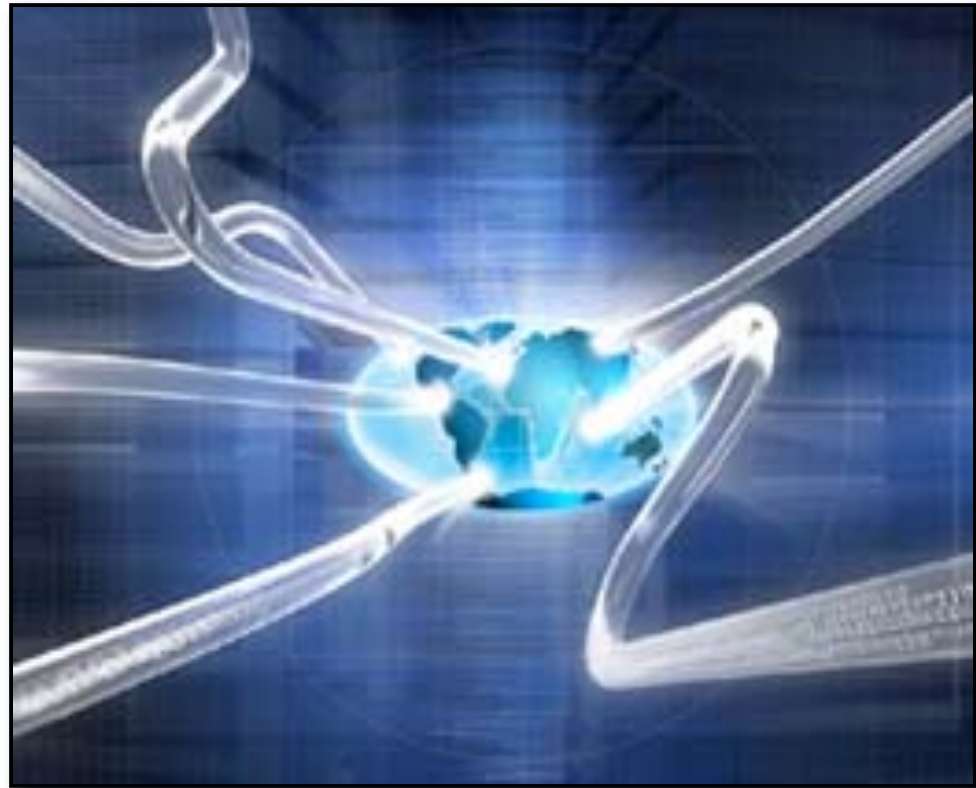
Transformative Networks



“Innovation increasingly takes place at the interfaces such that partnerships that straddle the politics/science boundaries can internalize flexibility and innovation.” (Leydesdorff & Etzkowitz, 2001)

Modular Knowledge within Triple Helix CoP

- Innovation
- Common Language
- Spillovers
- Regional Innovation
- Knowledge Creation
- Virtual Worlds
- Social
Entrepreneurship



Modular Knowledge & Transformative Networks



3Helix Colleague Network

- Wiki
- Collaborative Blog
- Profiles
- Messaging
- Groups
- Group Tools
- The Commons

Modular Knowledge & Transformative Networks



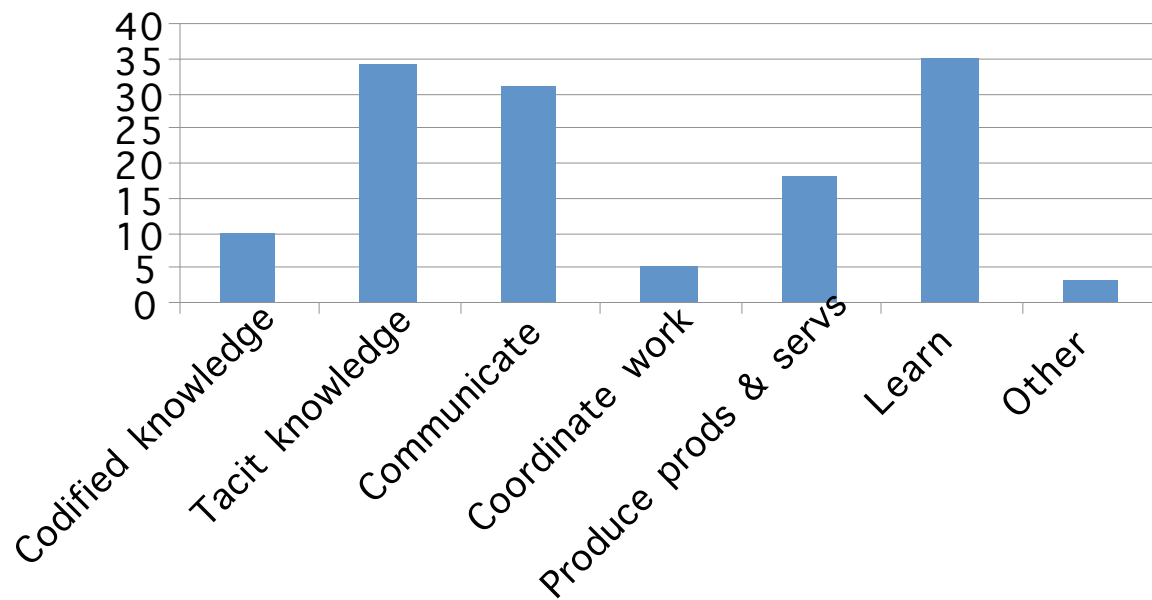
2008 Institute Initiatives

- **WHO**
 - **GOe (Global Observatory)**
 - **Health Academy**
- **WHO**
- **Asia Pacific Innovation**
- **Dual Use and Technology Transfer**

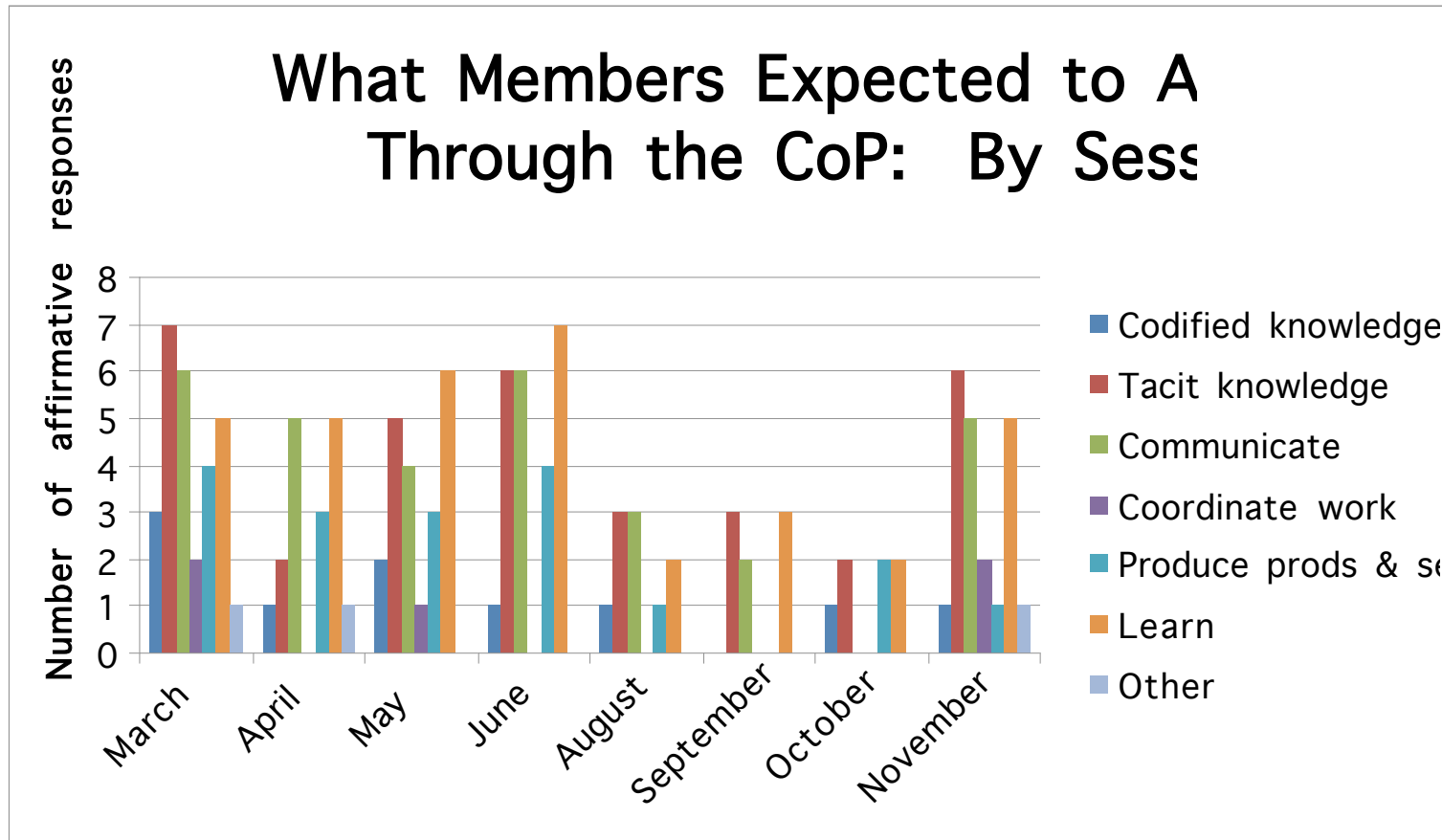
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Number of affirmative responses

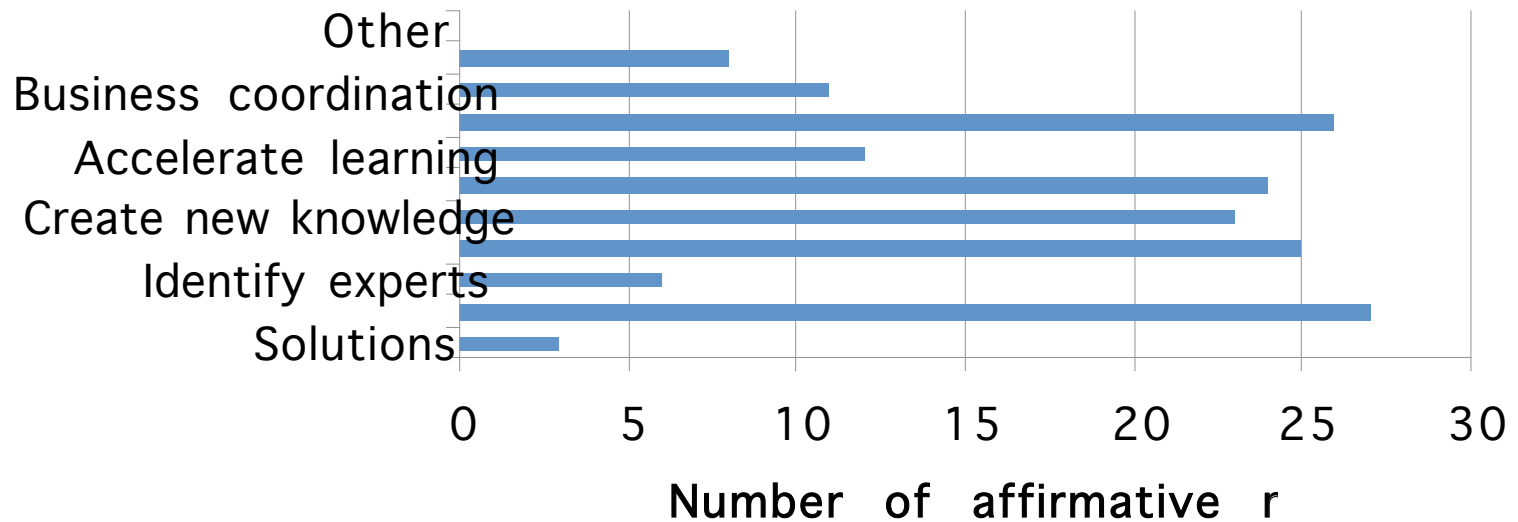
What Members Expected to Achieve through the CoP: Overall Results



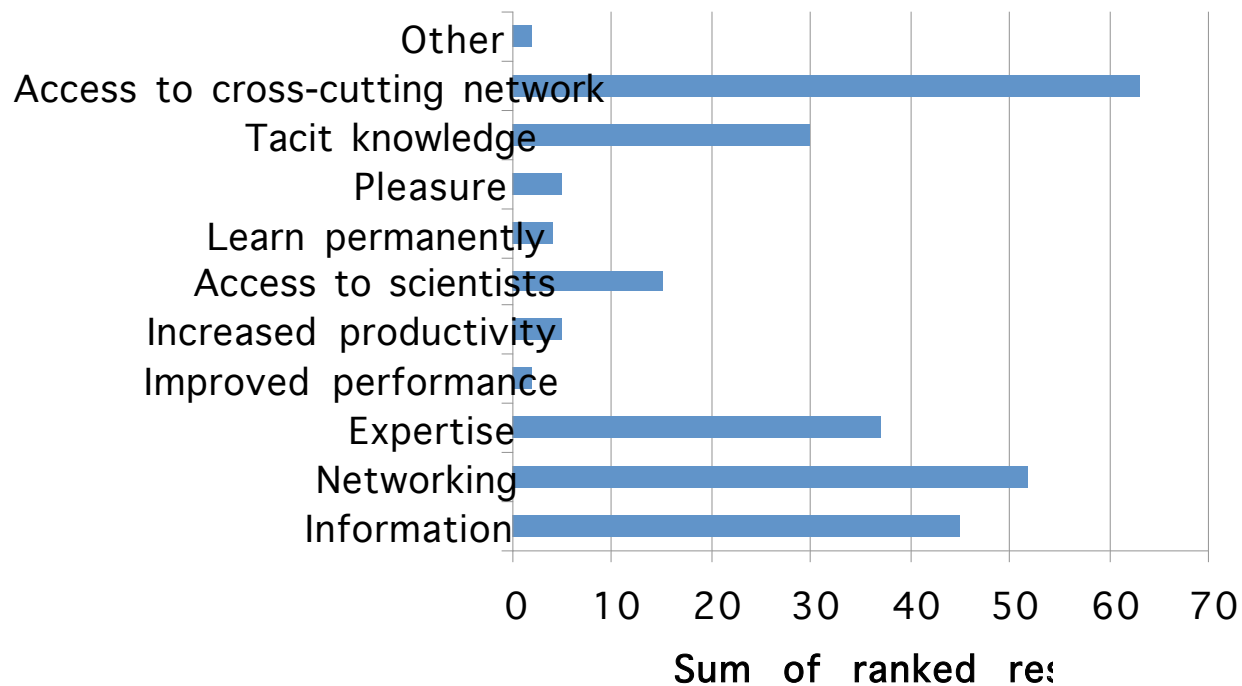
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Current Aims of the CoP: Results

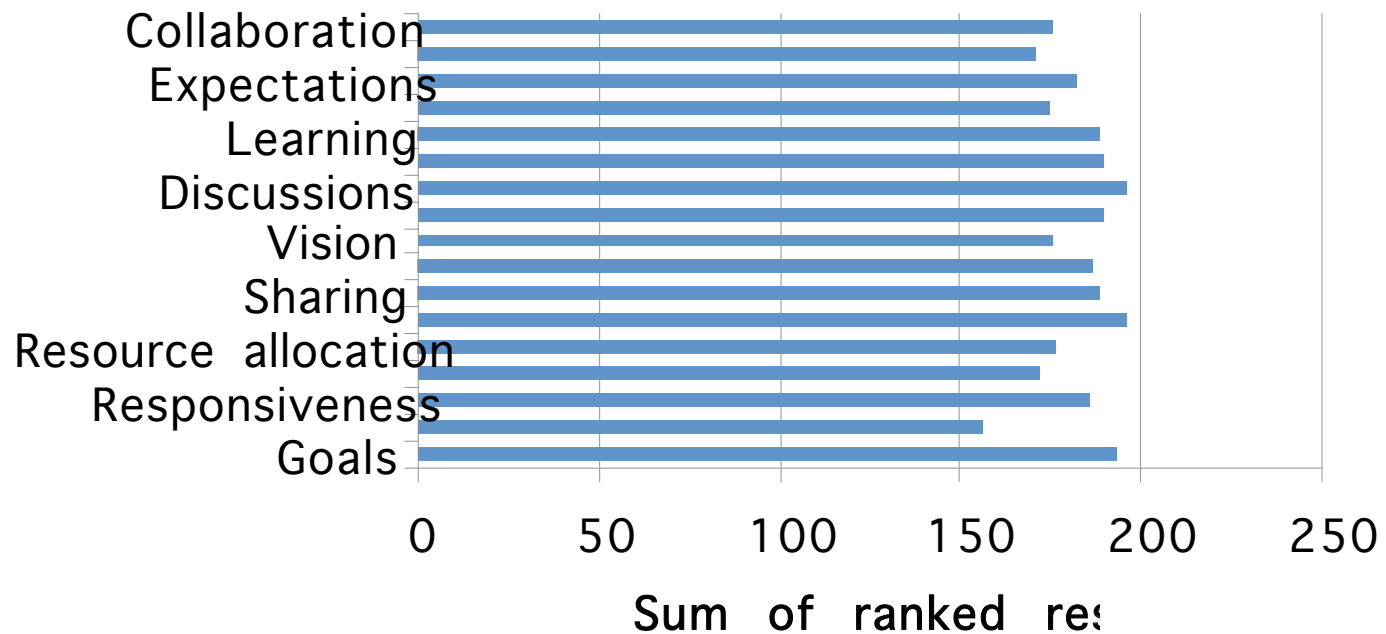


Three Main Benefits of the Overall Results



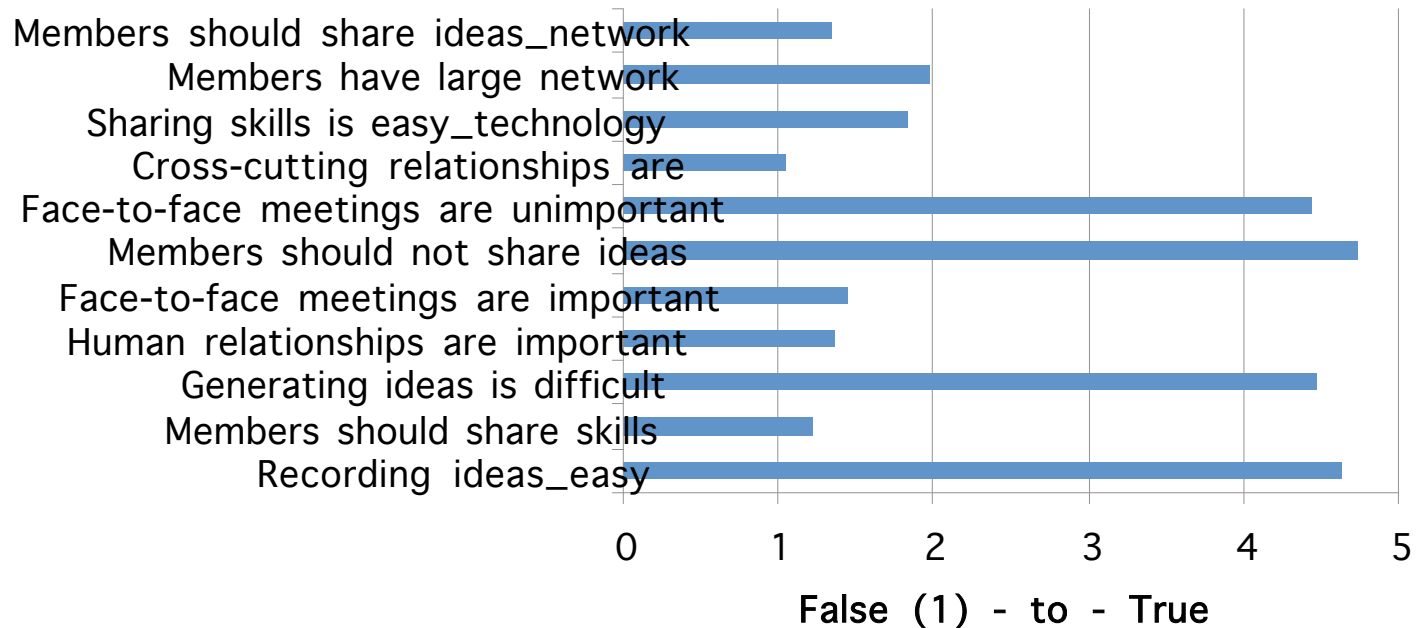
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CoP Outcomes: Overall F



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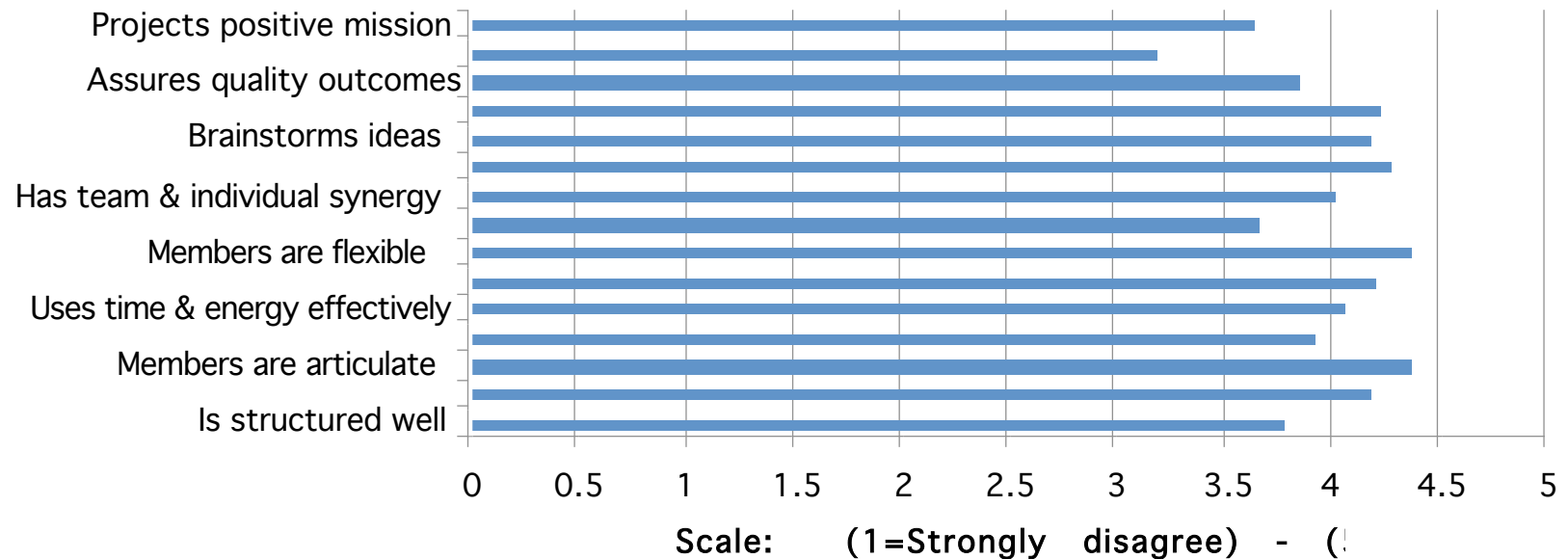
Members' Opinions about CoP Proc Overall Results





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Strength of Members' Opinions Descriptions: Overall Res

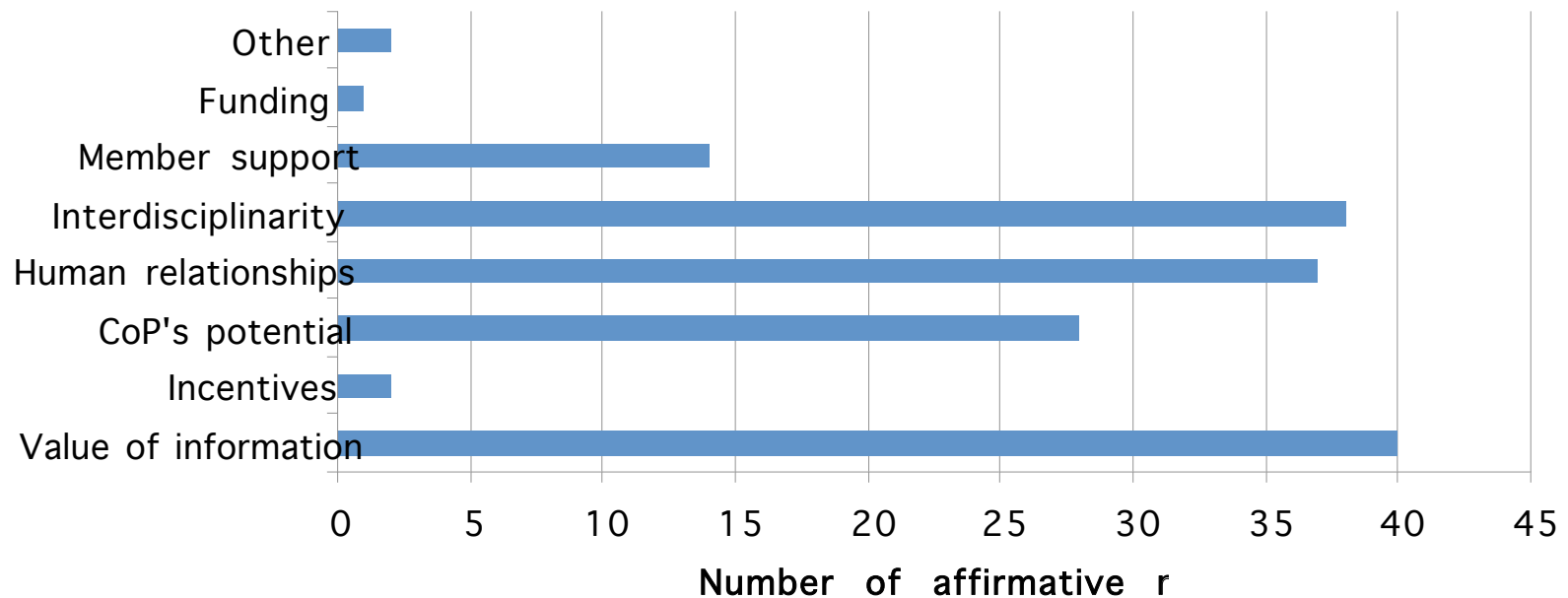




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Members' Motivations to Participate in Overall Results





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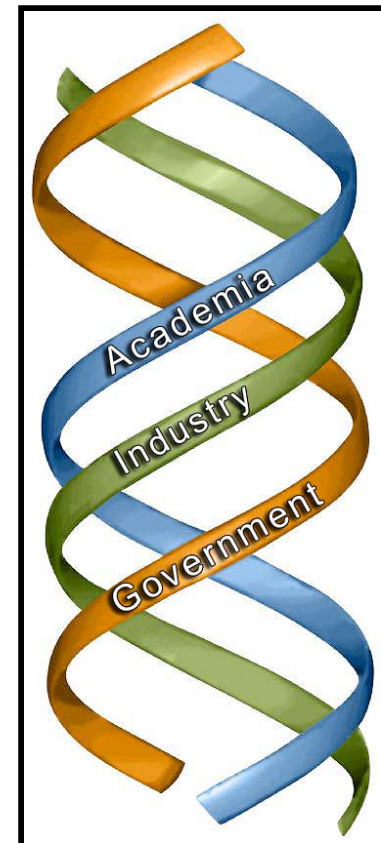
5 Reasons Innovation Favors Modular Knowledge & Transformative Networks

- **Global markets**
- **Long-term decreases in the cost of ICT**
- **Science & Technology are providing competitive opportunities based on knowledge creation and flow**
- **Services and products are becoming more technology intensive**
- **The rapid pace of technological innovation**

Modular Knowledge & Transformative Networks

*Enabling the nation to realize
collaborative potential
for economic growth, efficiency
and innovation*

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World Health
Organization

Second Annual

Triple Helix Summit

February 2 – 5, 2008

Sheraton Waikiki Hotel
Honolulu, Hawaii