







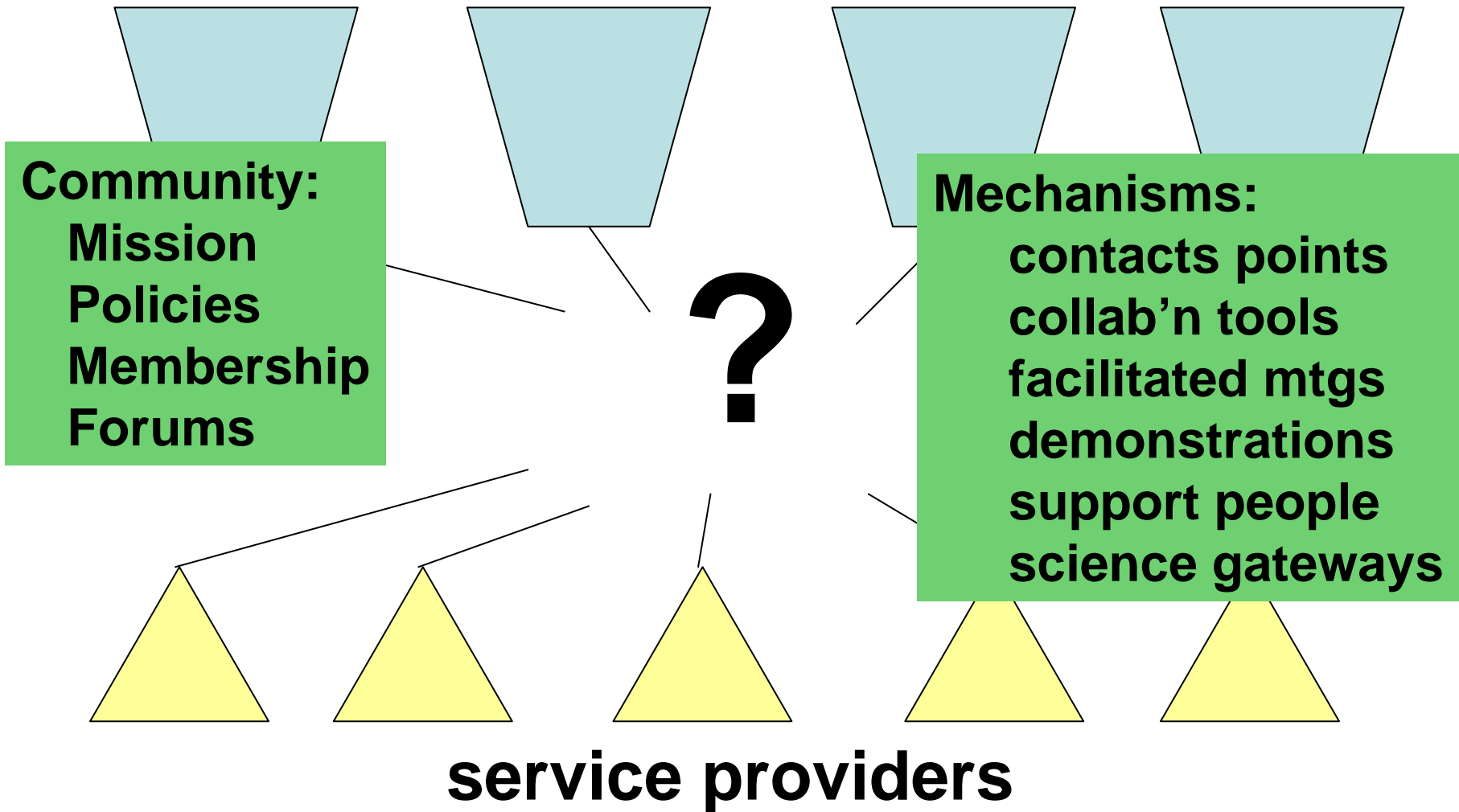
Possible Services for Collaboration

“Managing Knowledge”

- **Data Communications**
 - end-end performance, monitoring, real-time,
- **Distributed Computing**
 - peak systems,, hand-held devices
- **Distributed Data Mgt & Access**
 - distribution mechanisms: mirroring, replication...
 - semantics & ontologies
 - similar architectures across applications
- **User Interface Support**
 - portals, vortals, web 2.0 (mashups,)
 - workflow: compute (large codes), remote data sets
- **Security (AAA)**
- **Collaboration Support**
 - video-based systems, Skype++

Engagement

discipline communities



Collaboration & Engagement

Why?

1. Common problem that needs collaboration:
 - Creating an end-to-end system
2. Work becomes more effective if collaboration enabled
 - Instrumentation and performance measurement
 - Identification of inflexibilities and let collaboration resolve
 - Identifying research value due to collaboration and the provided infrastructures
3. Where is it going?
 - Strategies, identifying new research and build into the work above.
4. Providing critical mass for sustainability

Collaboration love-in

- Understanding how to collaborate
- Tease out the research workflows
- Identify bottlenecks
- Demonstrate possibilities
- Identify capabilities both in research and advanced e-R
- Work on plans to support driving & valuing infrastructure

e-Research providers work on

- Understanding end-to-end balanced system
- providing capability and better cost structures
- provide flexibility and fostering best-of-breed solutions that partner with research interests
- work with administrative domain issues

Actions

- **Research Area**
- **Short term actions**
 - **key services**
- **Engagement**
 - **proposed mechanisms**
- **Contacts**