



Discussion: EGI Cloud Federation and Helix Nebula interoperability

**Helix Nebula – The Science Cloud, Results & Engagement
Frascati, 16 Jan 2013**

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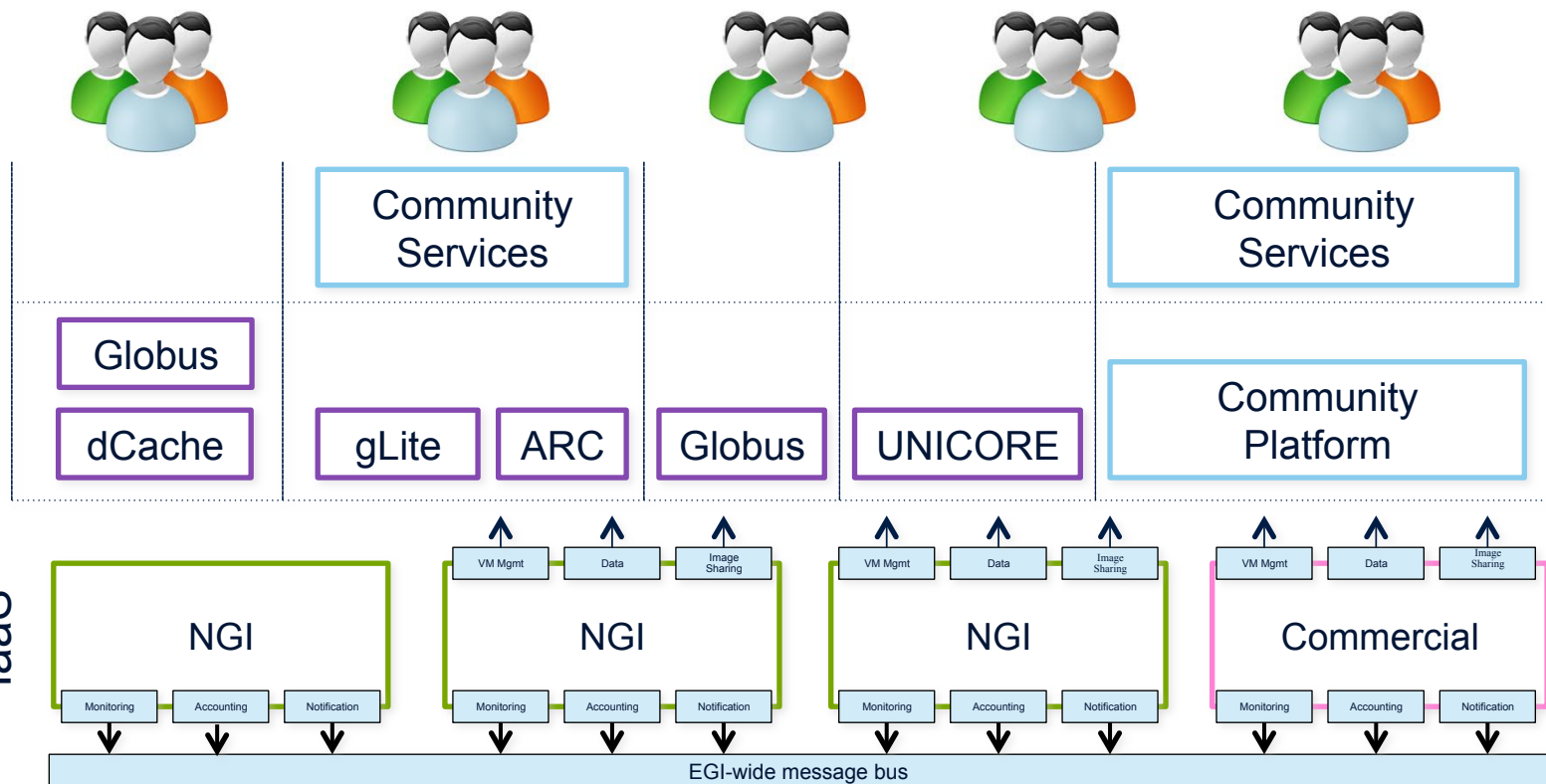
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Outline

- The EGI FedCloud test bed.
- Test bed demo outline.
- Three interoperability use cases to discuss:
 - Infrastructure bursting.
 - Brokering.
 - Local bursting.
- Conclusions.

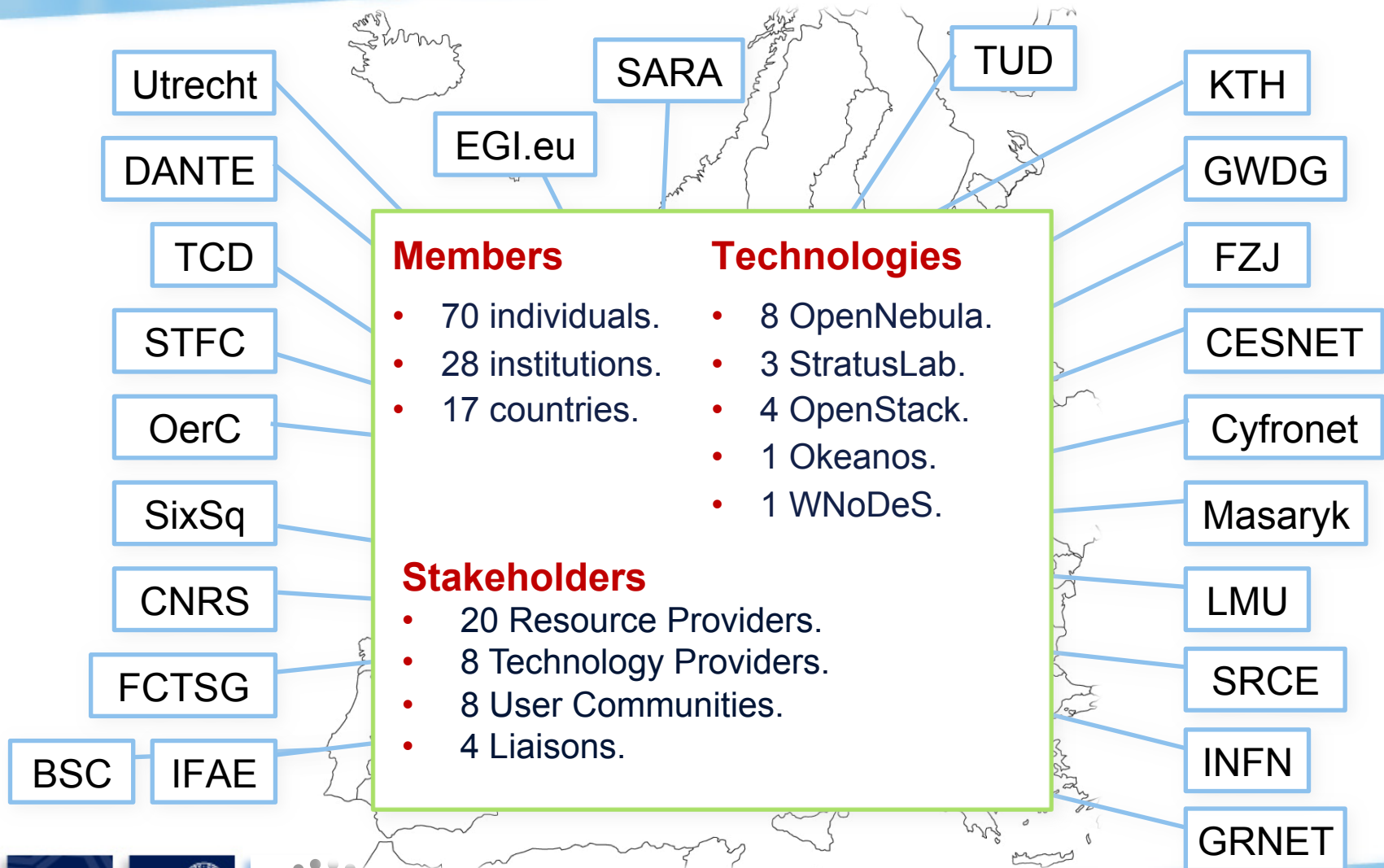
EGI New Challenges and Cloud Computing

Personalised environments for individual research communities in the European Research Area.



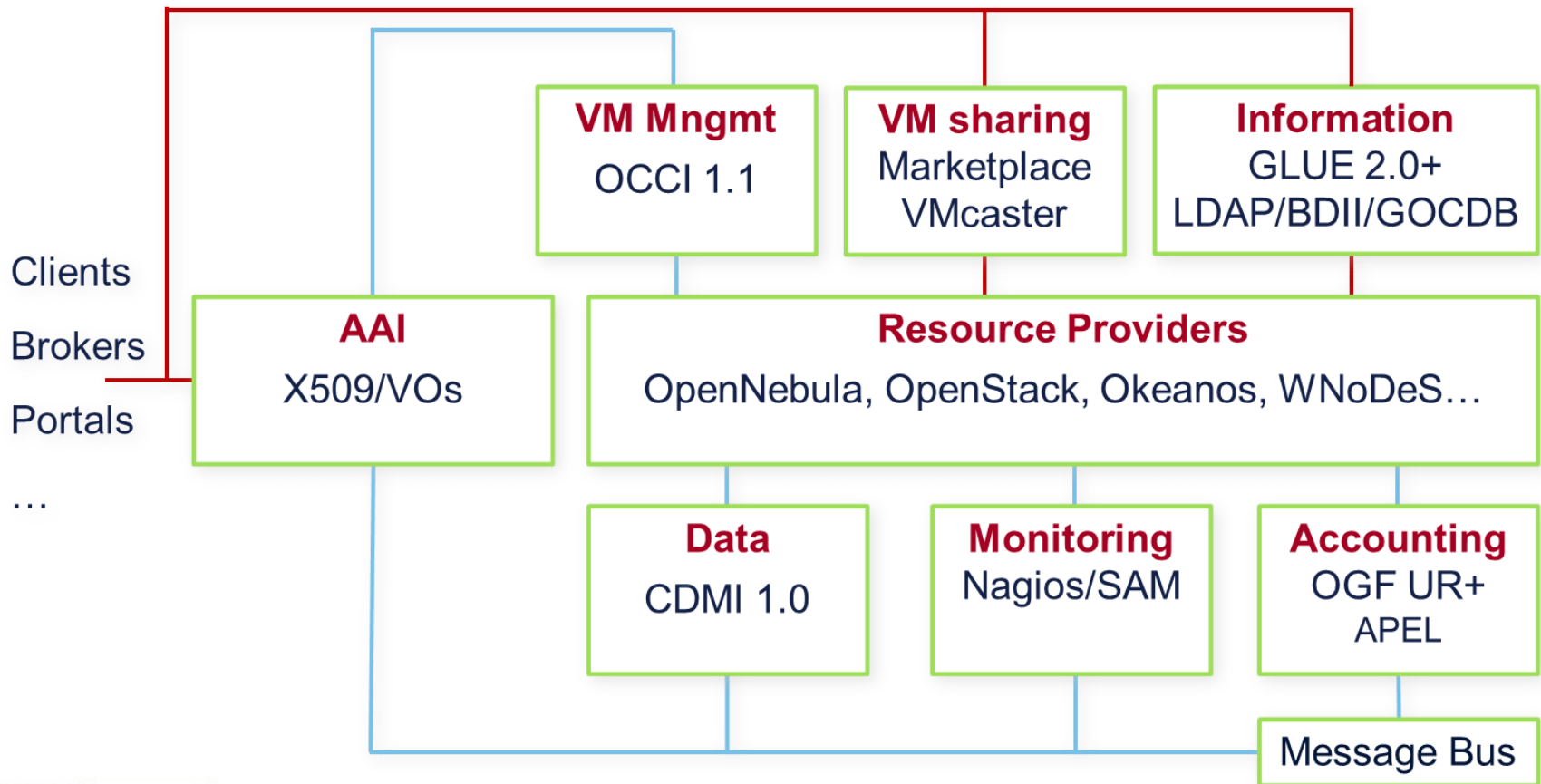
EGI.eu Coordination
Core software and support

Task Force Members and Technologies

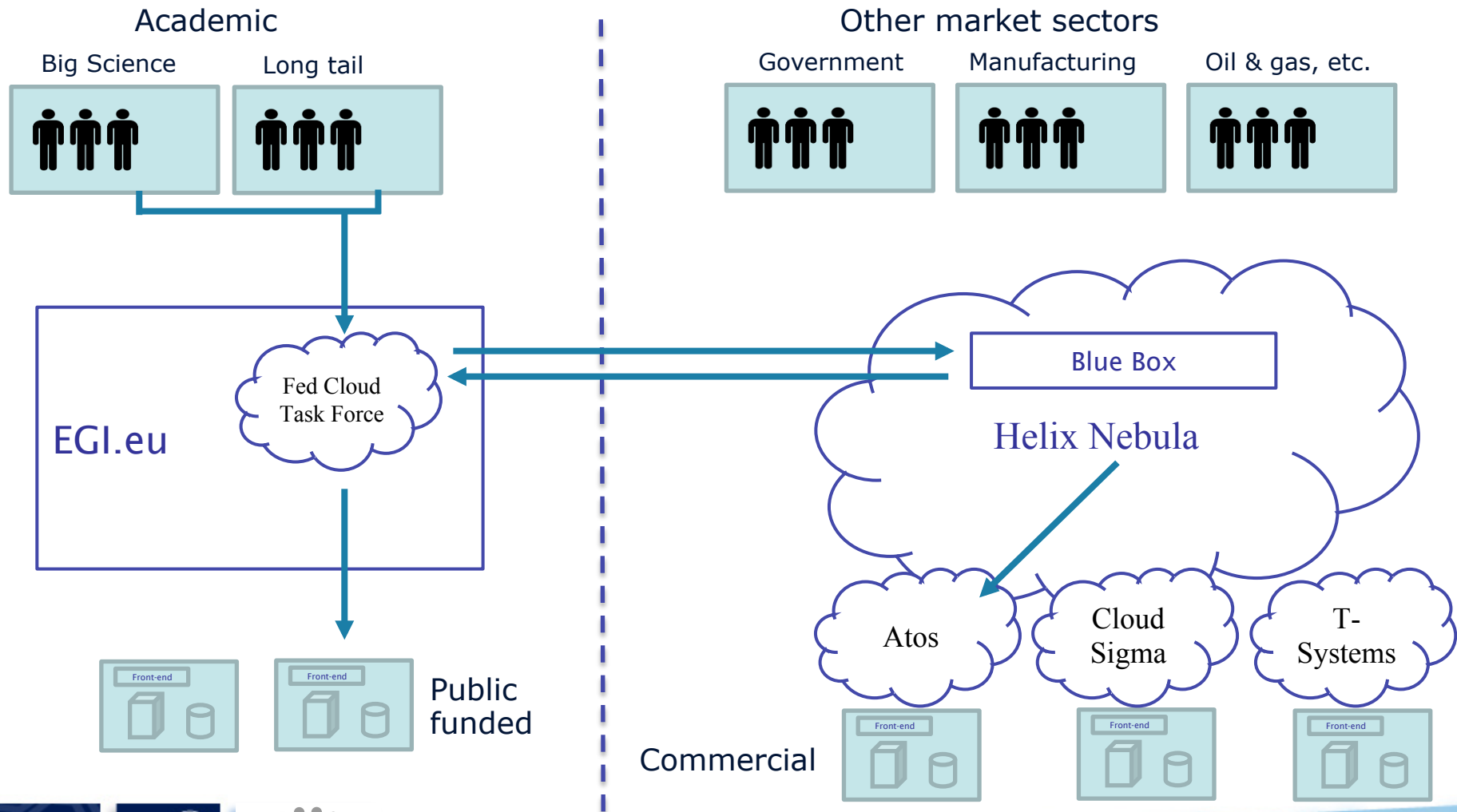


Federation Test bed – Jan 2013

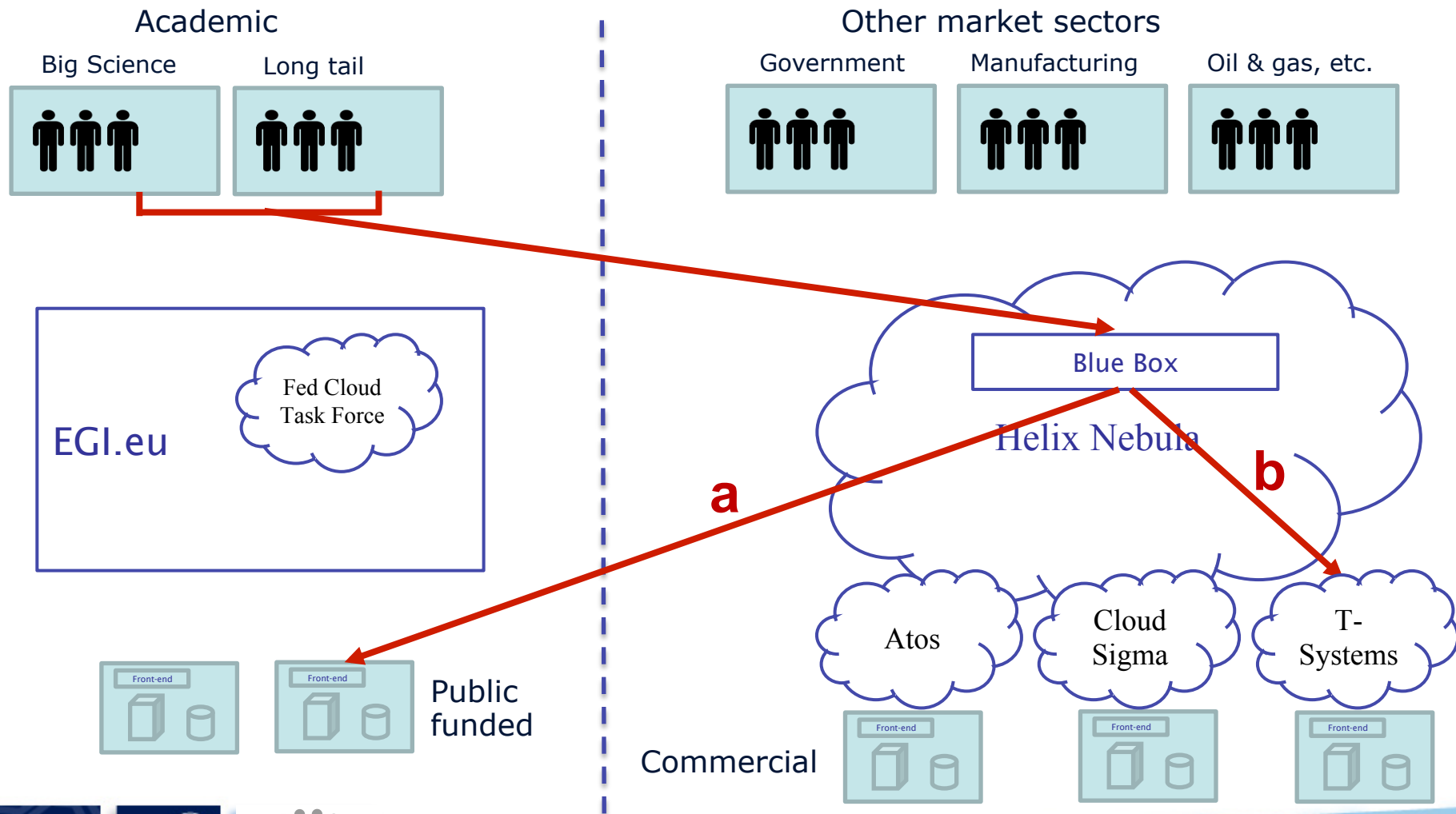
Composed of 5 services, 2 management interfaces, 10 cloud infrastructures operated by 9 Resource Providers.



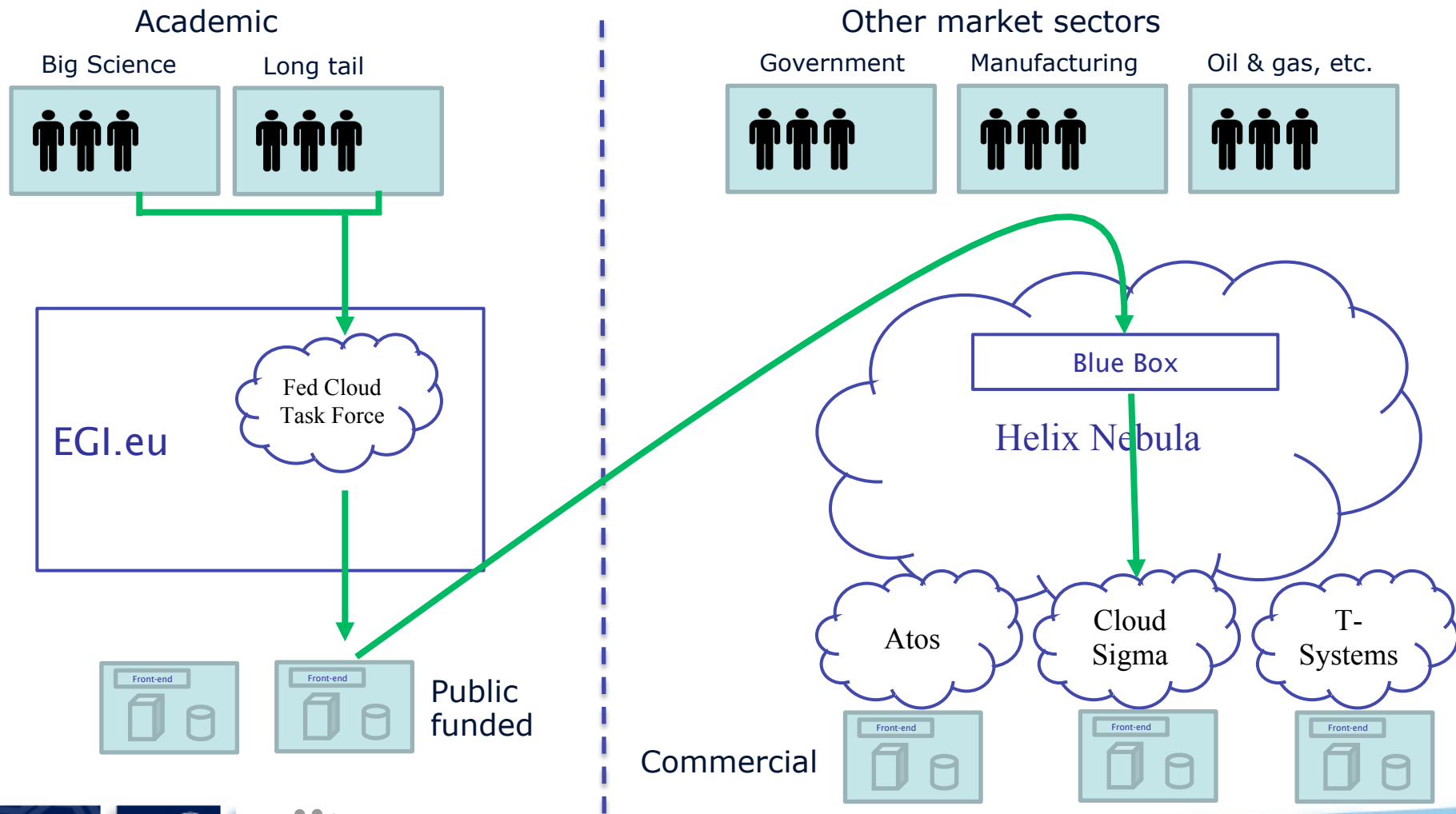
Interoperability Use Case #1 – Infrastructure Bursting



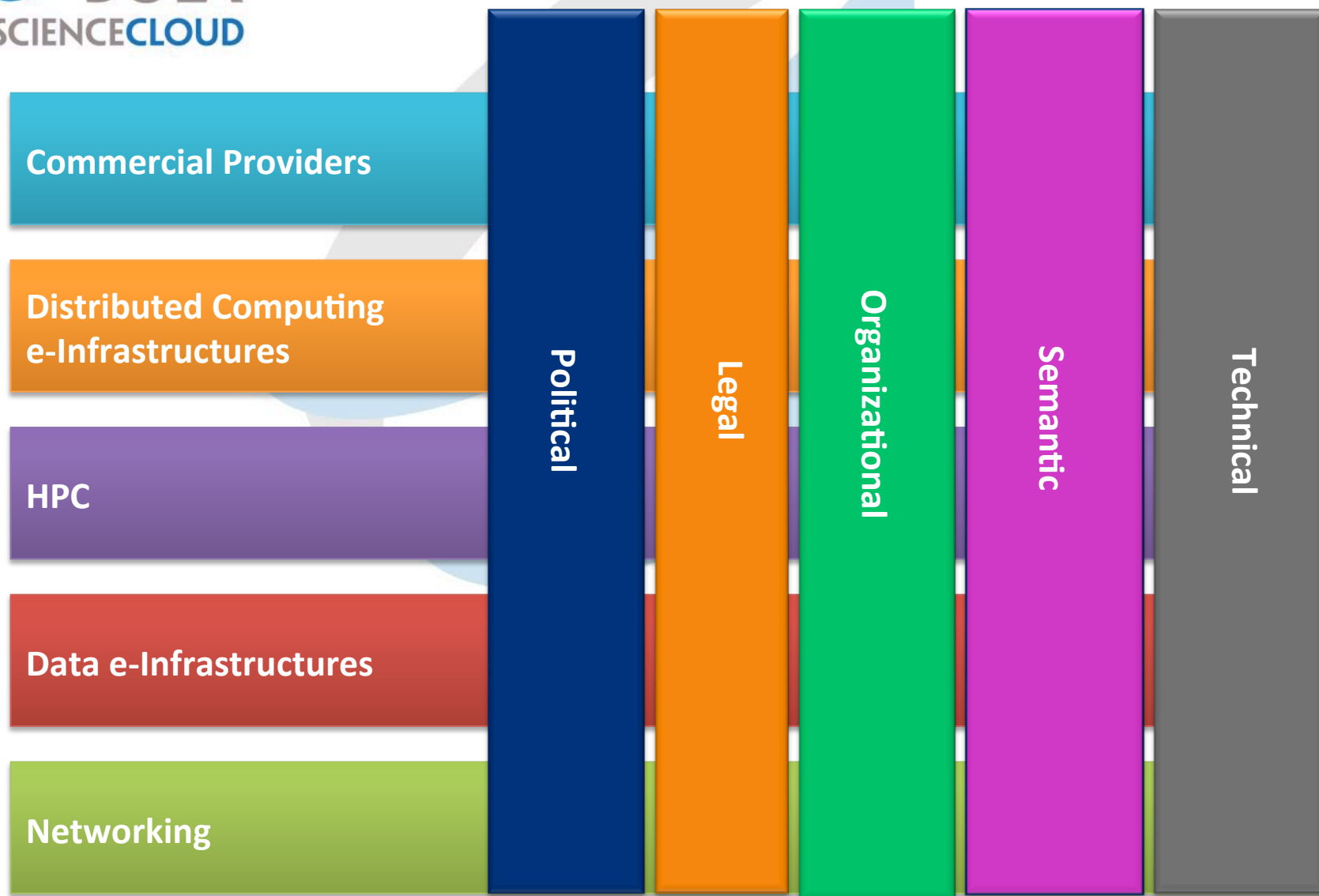
Interoperability Use Case #2 (a, b) – Brokering



Interoperability Use Case #3 – Local Bursting



What are the interoperability issues in these scenarios?



Federation Test bed – Jan 2013

