

*An Open Federated Laboratory Supporting
Network Research for the Future Internet*

FIRE facilities offerings for Future Internet Research

Serge Fdida, UPMC



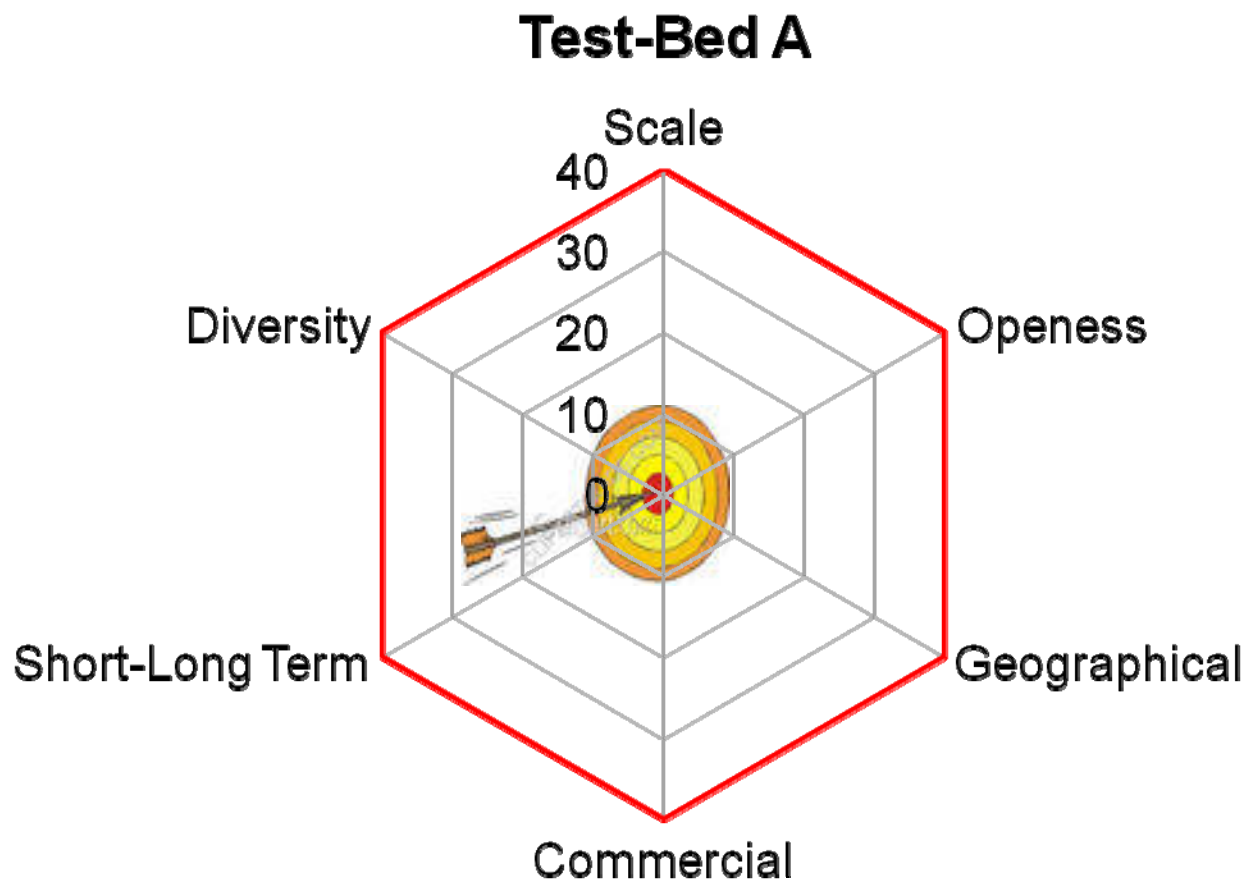


WISEMEN report

- **It's the user stupid!**
 - User community involvement
 - Grand challenges coming from the research
 - Application domains
- **Many recommendations aligned with Onelab vision**
 - Vertical/Horizontal federation
 - Software/Human federation
 - Cost model for resource usage
- **FIRE Office**
 - Lead technical Architect/Board
 - Coordination and Cooperation
 - FIRE Portal

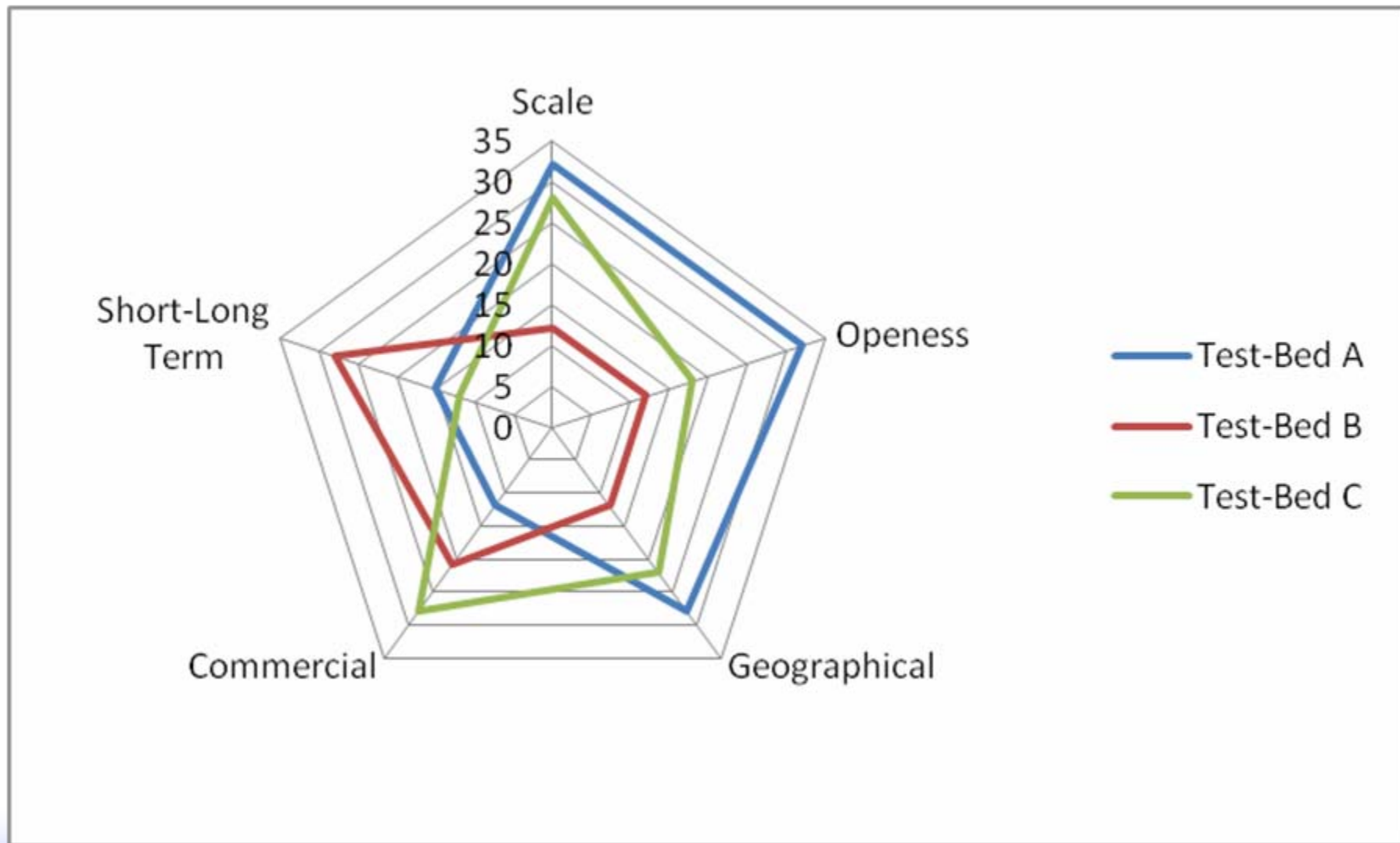


Can we achieve this?





Or this, eg FEDERATION





PPP

- **Short-term**
 - PPP in addition to “ICT WP” FP7 projects (2011-2013)
 - Medium-long term is the foundation for the Future
- **Awareness of FIRE and its Facilities**
 - “Address large-scale demonstration settings” (M. Campolargo)
 - Shared open solutions
 - Best practices
 - Eventually ad-hoc solutions if need be
- **Stronger incentives needed to go beyond paper work and short-term**
 - Move to solutions!
 - Might come at risk: towards a “quick & dirty” solution
 - Methodology and requirements for Experimentation



Additional comments

- **A Facility must be situated in an International effort**
 - Such as in High-Energy Physics and other areas
- **Tools build elsewhere (Outside EU)**
 - Testbeds, simulation, Emulation
 - Often used in Education
- **Network Science & Testbeds are complementary**