



#### e-FISCAL Summer Workshop Samos, 3 July 2012

# Panel conclusions

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2 - 4 July , Samos, Greece http://samos-summit.blogspot.com University of Aegean



### Proposals...

(including provocative statements!)

- PRACE: There is no alternative than working together!
  - Work together as Europeans!
  - The best research for innovation!
- EGI: Be cool on the new hype and have a strategy!
  - Make an analysis of costs and benefits!
  - Collaboration is the key in research!
    - FOCUS on users: Emphasis on researchers' productivity
  - Innovation is key in e-Infrastructures
  - $\rightarrow$  Owned, Leased, Hybrid: All yes!



### Proposals (2) (including provocative statements!)

 For now end-users need to understand each of Grids, HPC and Clouds...

- Seamless e-Infrastructure yet to come

- Create the cost model for all e-Infrastructures including porting the applications
- HPC in the cloud will never happen!
  - Cloud is about virtualisation..
  - Different suitability of different applications for the cloud...



# "Low-hanging fruits"?

- PRACE: Developing the metrics of success, Rol, quality level, project management/governance
- "Ego-based" large e-Infrastructures require
  - Communication/Marketing (for researchers!)
  - Education/Training (for researchers)



## Observations/Issues/ Proposals

- Programming models and services need to be worked out and also educated to the users, especially for high-end HPC systems
- Location will be less and less important for user
  - Green and low energy locations more important
- Data need to be close to the HPC centres!
- Cannot throw people away in case of commercial Clouds!
  - Personnel for many aspects needed (administration, applicationporting, training)
- e-FISCAL: e-Infrastructure view! User view (use cases) needed!



# Observations/Issues/ Proposals

- Core/hour is blunt (like Linpack for Top500)
- Move to more user-oriented metrics (simulations/use cases needed)
- Business models: Cloud transaction-oriented; in research you cannot always have long-term business plans...
- Some applications cannot depend on on-demand models, needed