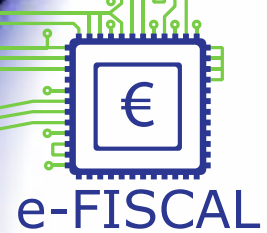


e-FISCAL Summer Workshop
Samos, 3 July 2012

Panel conclusions

Fotis Karagiannis

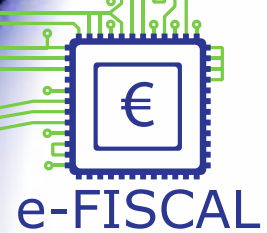




Proposals...

(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
 - Owned, Leased, Hybrid: All yes!



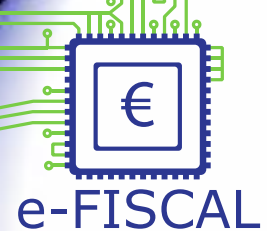
Proposals (2)

(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...

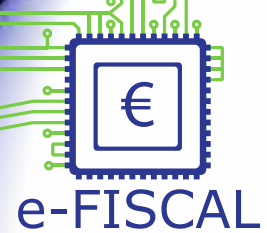
“Low-hanging fruits”?

- PRACE: Developing the metrics of success, RoI, 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, application-porting, 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