e-Infrastructure governance: management and international aspects

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Policy Area and Goal

- Area: e-Infrastructure governance: management and international aspects
  - *emphasis on international or national e-Infrastructures supporting international research and international RIs;*
- ***Goal:*** *efficient operation of e-Infrastructures being able to satisfy the user requirements*

Context: Current practices - achievements and limitations

- *Governance: Nation-directed vs. user directed?*
  - *User involvement: Different practices: Users involved in the governance structures (EGI), Users involved in strategy (SurfNet), User-control (give funding to users with restrictions) (Denmark) Open up governance to users?*
  - *Differentiation of user groups? "Leading communities" vs. the "masses"? Different requirements, both need to be taken into account.*
  - *Also differentiate between "high-end" e-Infrastructure and "consumption" e-Infras?*
  - *e-Infrastructure being innovative and flexible to reuse and transform (e.g. Grids to include DesktopGrids, Virtualisation, Cloud)*
    - *Consider the "Innovation Union" plan, a cornerstone of Europe 2020 strategy*
  - *Differentiate the "production" component from "development/innovation" component (EGI: staged rollout of new releases into production, Nordic countries: NDGF/NorduGrid);*
  - *Digital divide: subsidise e-Infras in digital divide prone regions*

Proposed approach (1/2)

- Joint involvement of the scientific communities and the actors on e-infrastructures → *Users need to be involved in e-Infrastructure governance: However not one-solution fits-all!*
  - *Strike balances; Differentiation of user groups into "leading" and "masses"?*
- *Full vs. associated participants in governing boards (EGI)*
  - *Balancing own/not-own control (LifeWatch); Huge effort to blend the different types of entities (multi-country/regional, national-independent, national-governance-dependent, etc.) (GEANT).*
- *Federated hierarchy current approach*
  - *Still having a hard time. Other more organic approaches?*
- *Follow the "European road": isolation not a solution. Put all conflicting groups to talk to each other*

Proposed approach (2/2)

- A holistic view on the RI and e-RI ecosystem is needed (e.g. EIROForum) to be able to have the overall view and adjust the ecosystem when needed
- Coordination of national, regional and European policies (numerous sub-critical, uncoordinated initiatives). Also better coordination among EC DGs/Units

Thank you!

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