



Enabling Grids for E-science

Resource allocation in EGEE

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- **EGEE-II DSA1-4**

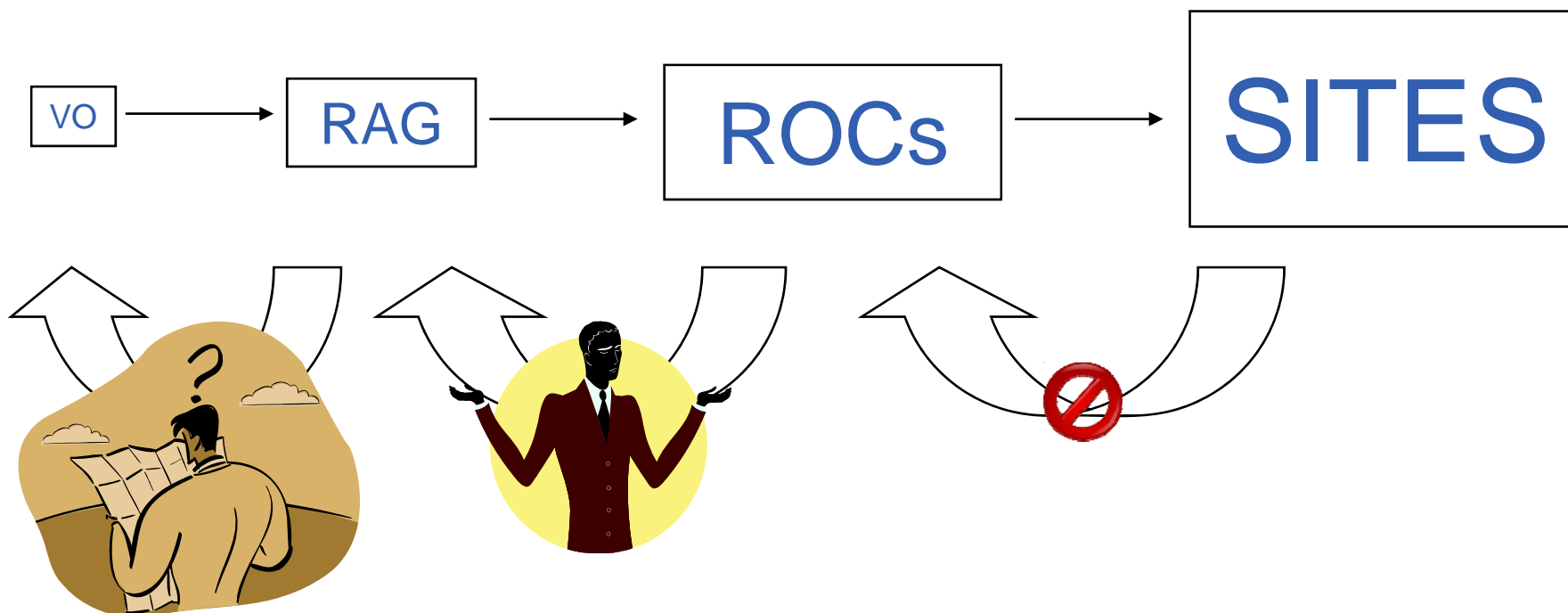
“Until now this allocation of resources to new VOs is not working very well. ROCs do not own the resources and cannot force resource centres to give access to VOs. For the smaller VOs, it is very difficult to negotiate with the resource centres separately. Another procedure is needed for this in the future.”

- **Final EGEEII-review recommendations:**

“19. SA1. The overheads on becoming a grid user should be kept as low as possible, to encourage smaller and less traditional user communities. Processes (e.g. resource allocation) should be transparent and efficient, to make it easier for users to report problems and request improvements.”

- **VO Registration Procedure :**

“A VO using the infrastructure is required to contribute computational resources to the EGEE/LCG infrastructure corresponding approximately to the average needs of the VO for large-scale, production use.”





- **VO request resources, giving a concrete goal to resources generously offered**
- **Mainly used by biomed**
 - Noble goals
 - contributing to life science helps computing centres impress management



- **VO Managers Group attempted to convince (small) VOs to share resources with other (small) VOs**
 - Only 2 candidate VO for sharing resources
 - Concerns expressed about the « fair share » :
 - CPU Specs ?
 - # of CPUs ?
 - Disk capacity ?

- **VO Registration Procedure is too strict:**
 - Can resources be sold or rented to VOs ?
 - Is the (EGEE) accounting ready for that ?
 - What about core VO services (RB/VOMS/LFC...) ?
- **Who owns resources ? Sites or VOs ?**
- **Providing resources for free is an utopia**
 - How can we encourage resource provision ?
 - Should sites (VOs ?) keep 1% of resources for newcomers' tryouts ?
 - Should the seed resources approach be extended to existing VOs ?
- **How can we make sure a VO can be quickly setup, when VOMS setup takes hours at sites ?**
- **Science is not business, but VOs do not seem keen on sharing the resources they own/need. How can this be changed ?**

- Discussion is open !

