



European Grid Initiative

e-infrastructure



User Community Transition from EGEE to EGI

17 Dec 2008 – Orsay, France

The Proposed EGI Model

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EGI Timetable

- EGI Blueprint finalised 19 Dec '08; see progress at <http://web.eu-egi.eu/MaKaC/conferenceDisplay.py?confId=75>
- **D3.2: EGI Functions 2nd draft** (cf. D3.1) due Feb '09
- **D5.5: EGI Transition** due Mar '09
- **EGI.org location** established Mar '09
- **EGI.org Director** appointed Mar-Apr '09
- Other **personnel** discussed during this time as well, also within NGIs
- Prepare to make concrete **proposals for SSCs** at EGEE User Forum in Catania
- Begin writing **EGI Proposal** in May-June '09

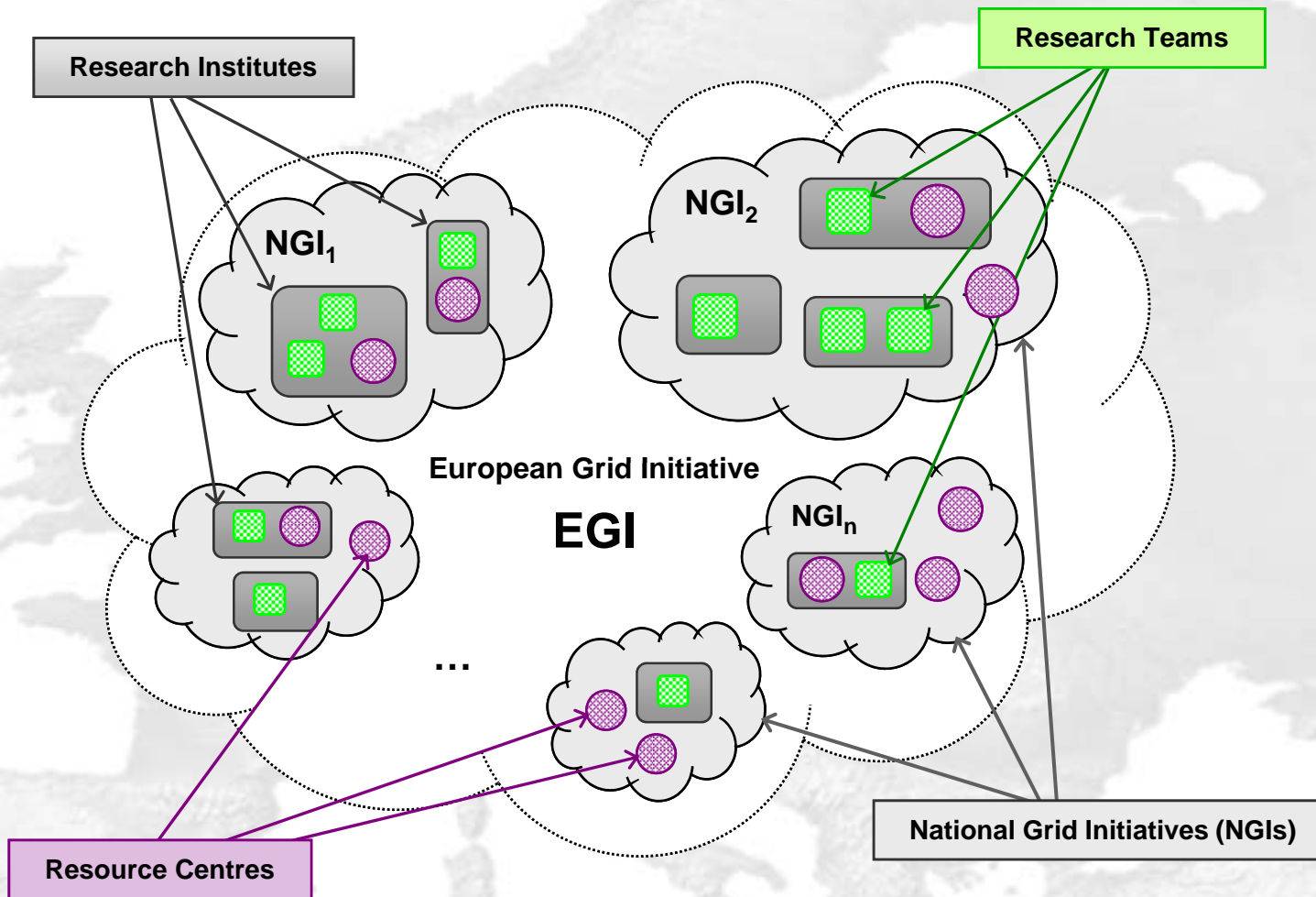
EGI User Community Services (UCS)

Examples:

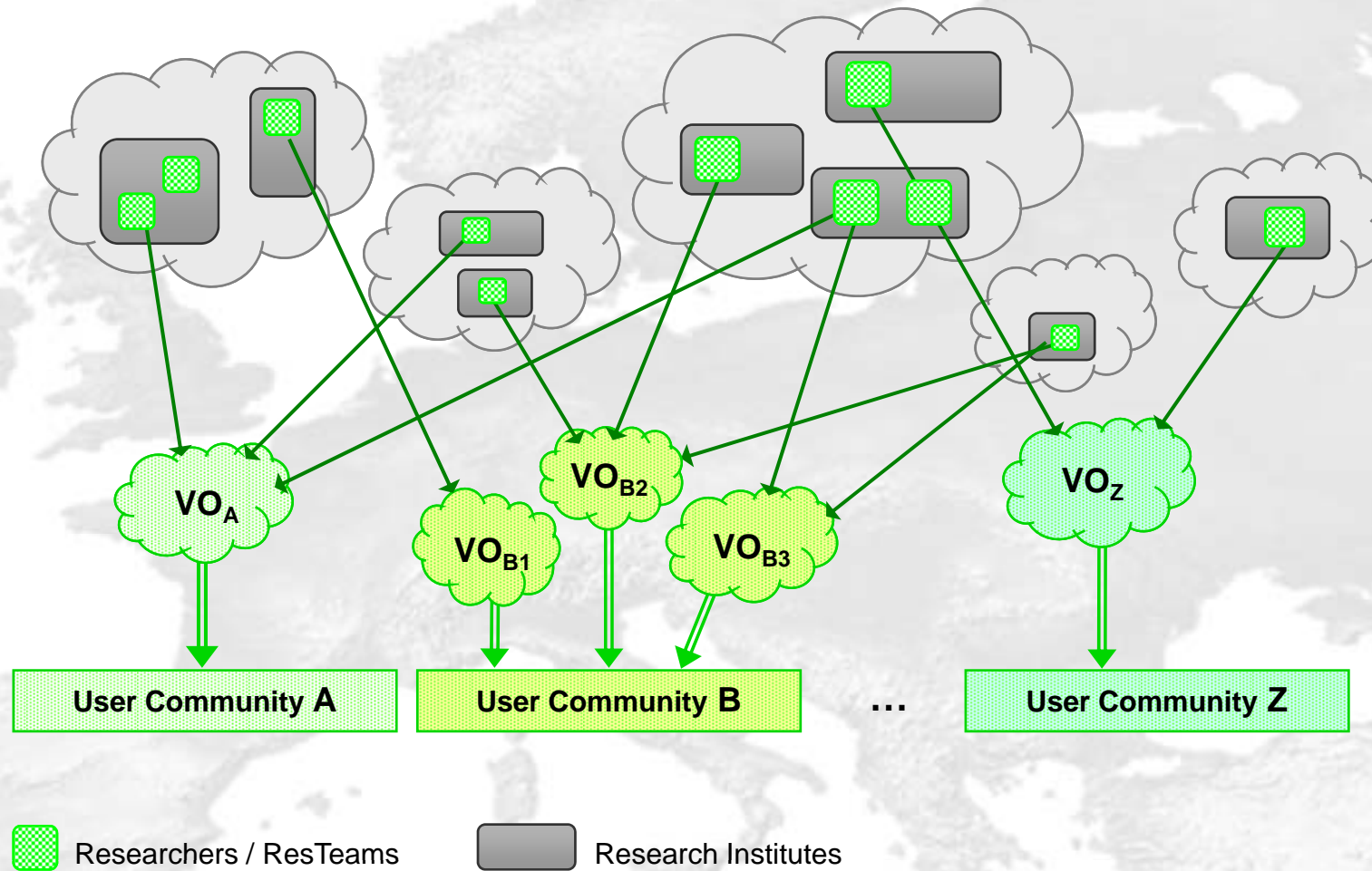
1. Gathering **requirements** from the user communities and providing efficient channels for their **representation** within EGI.
E.g.: http://knowledge.eu-egi.eu/index.php/User_Requirements
2. Carrying out a review process to **integrate useful “external” software** – an extension of the EGEE RESPECT program
3. Maintaining a European Grid **Application Database** – e.g.
http://grid.ct.infn.it/egee_applications
4. Establishing technical **collaborations with the large European Infrastructure projects** (e.g. ESFRI)
5. Providing **“umbrella” services for collaborating projects**
6. Establishing **Science Gateways** that expose common tools and services (e.g. workflow engines, web services, semantic annotation)
7. Organising **User Forum meetings** and **topical meetings** for specific user communities.
8. Providing **services for new communities** – e.g. “Front desk” services, VO creation counseling, etc.
9. Ensuring that the user communities and grid administrators are provided with high quality **documentation** and **training services**.

For details: http://knowledge.eu-egi.eu/index.php/UCS_Tasks

Research Teams, Resource Centres, NGIs



Research Teams, VOs, User Communities

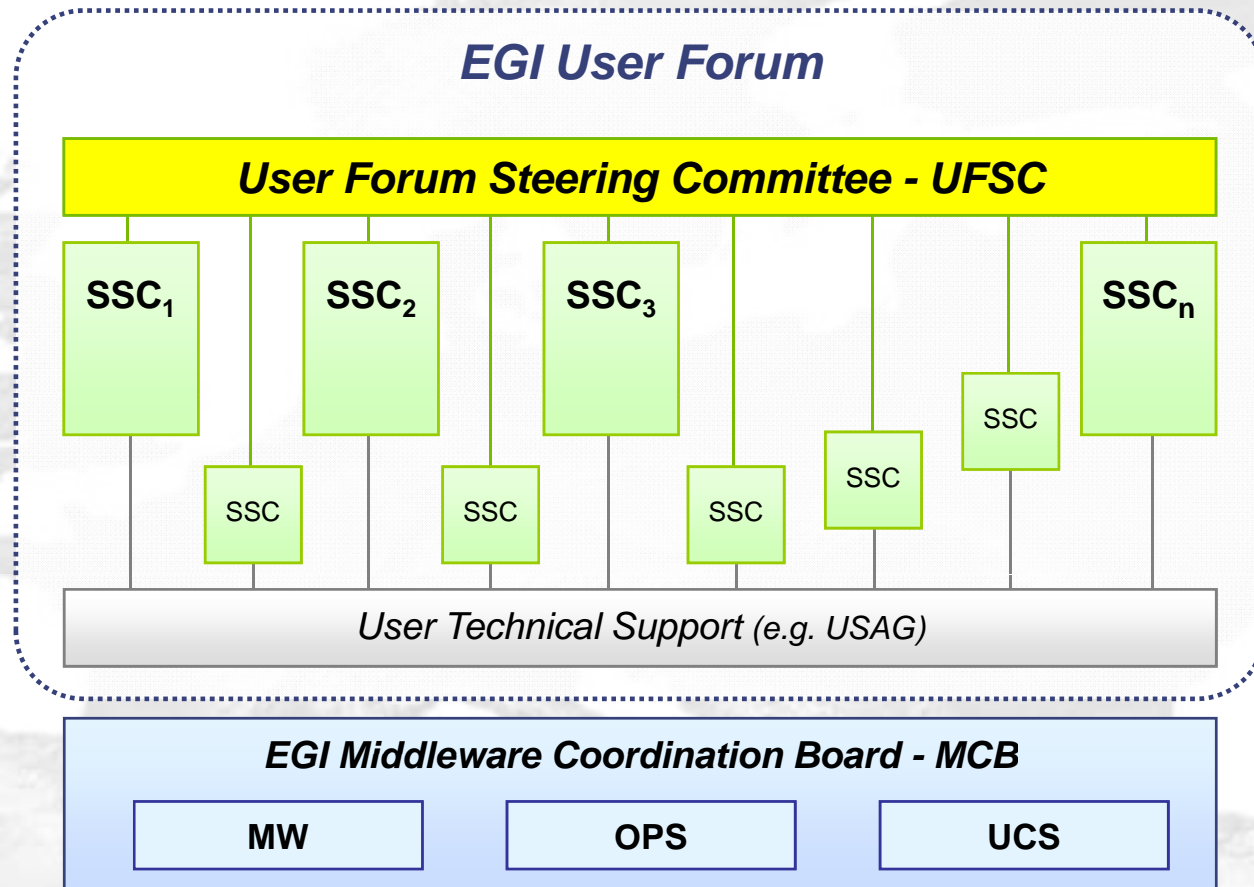


Specialised Support Centres

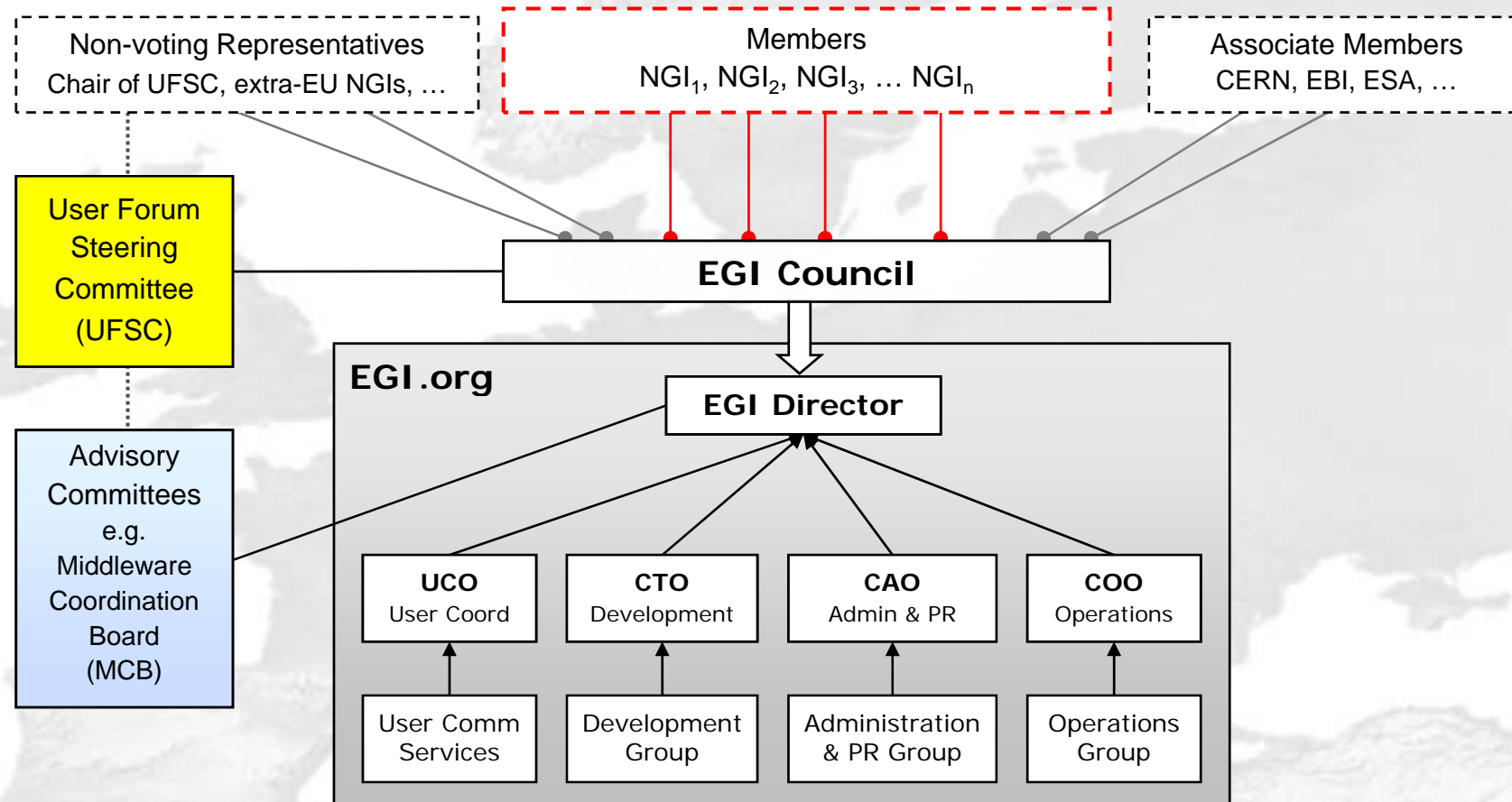
- “SSC” is currently an ambiguous term:
 - An SSC is a (physical) centre where grid-related activities are carried out, and which includes a set of UCS activities
 - An SSC is a cluster of UCS activities
- Either way, an SSC is envisioned to have a european-level commitment, and will be represented in EGI on several levels
- An SSC should have a delegate to participate in what we call the User Forum Steering Committee (see below)
- SSCs should interact closely with the central EGI.org UCS team (described in the EGI Blueprint)
- Two examples – a “large” and a “small” SSC – are sketched below; these are ideas to inspire some specific proposals by the user communities

See also http://knowledge.eu-egi.eu/index.php/Specialised_Support_Centres

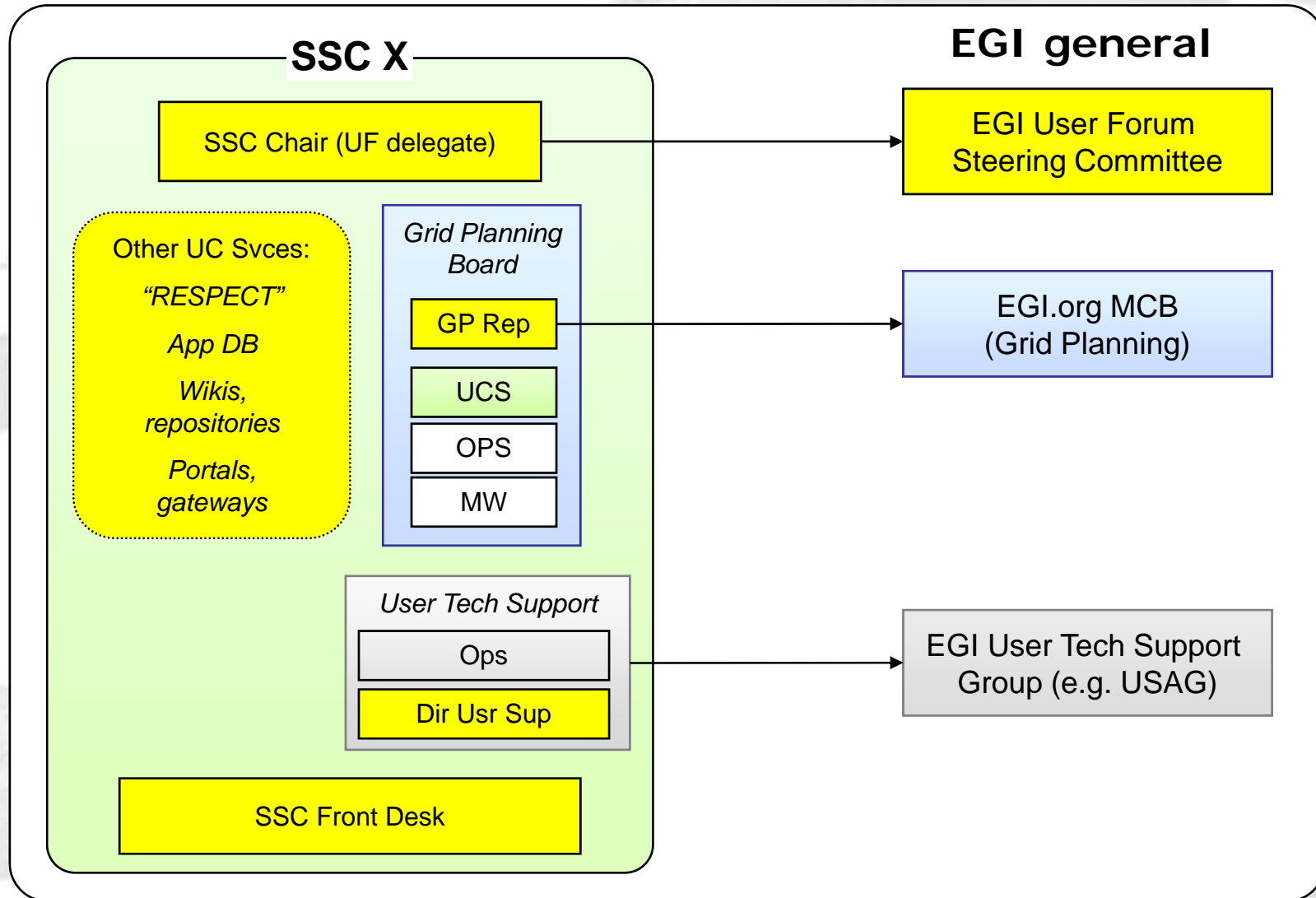
The EGI User Forum



The EGI Management Structure



Example of a Large SSC



Example of a small SSC (1/2)

- Purpose: provide “umbrella” services for a particular user community: Civil Protection (CP)
- Three projects have been working (in part) on relevant services:
 - Project A: collecting and analysing CP requirements
 - Project B: Data interoperability in the Earth Sciences
 - Project C: development of tools for remote control of instrumentation
- These projects have signed MoUs to establish services for the CP community
- Project A has ended; it has generated useful info tools – wikis, repositories, a CP portal
- There is a CP VO, mostly used for demonstration purposes

Example of a small SSC (2/2)

- There is a dedicated OGF working group which has produced a set of standards, the Open Geospatial Consortium Web Services – OWS
- Two OWS implementations have been produced and two more are in the pipeline
- Project C is currently working on a related implementation: Sensor Observation Service
- ➔ A small SSC – perhaps 2 FTEs – could be established to
 - provide **continuity** to Project A tools,
 - possibly provide some support to the CP VO,
 - **represent** the CP community in EGI,
 - support the **OGF working group**,
 - **integrate Project C tools** via a RESPECT-type process,
 - help **disseminate** results to the international community

The SSC Network – a First Sketch

