

Earth System Grid Federation: Governance

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ESGF Abstract

Although initiated by DOE, the Earth System Grid Federation (ESGF) has become a multi-agency, international collaboration critical to the success of archiving, delivering, and analyzing well known climate data, including the Working Group on Coupled Modeling's Coupled Model Intercomparison Project (CMIP) data used for the Intergovernmental Panel on Climate Change assessment reports.

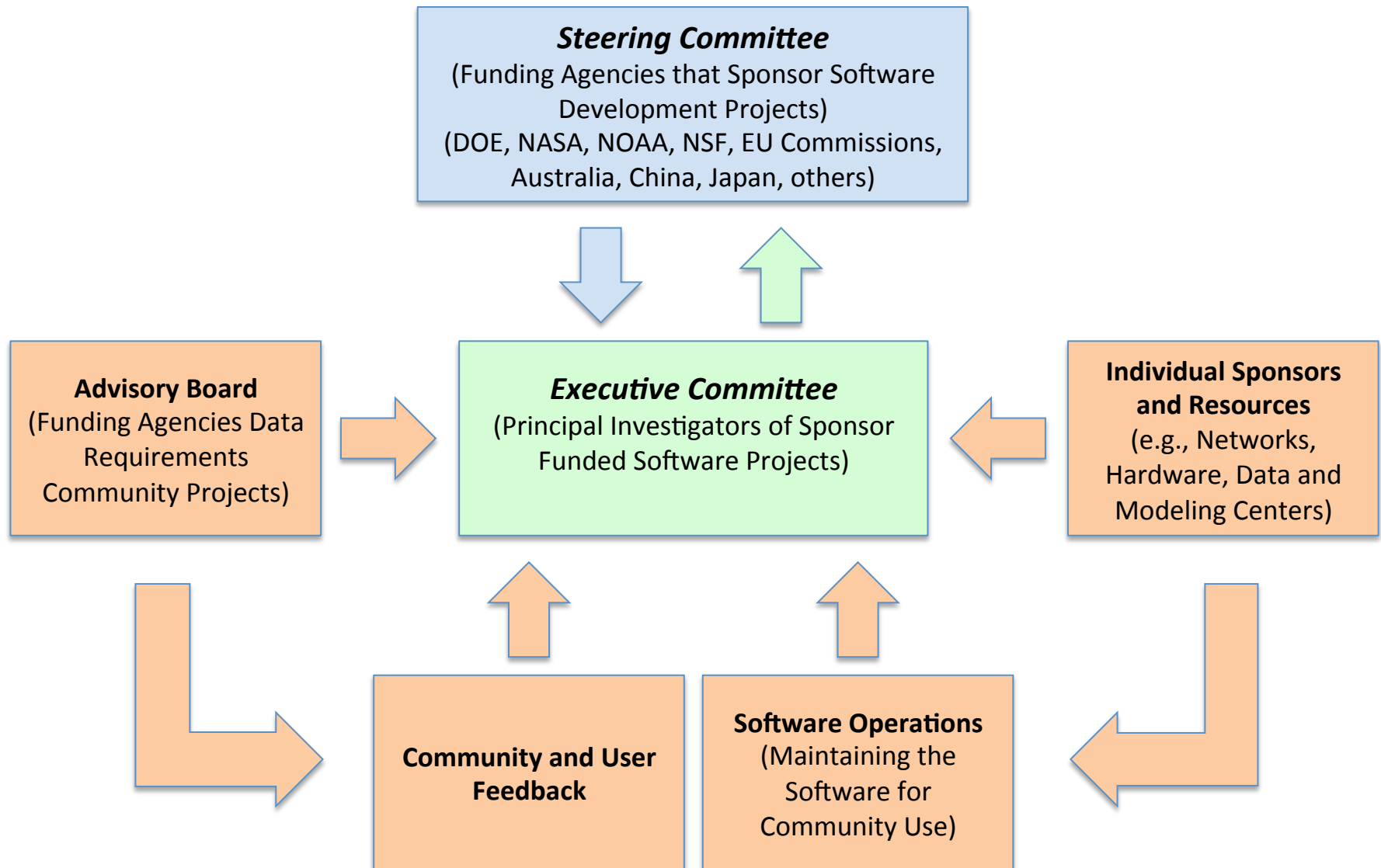
Now that the ESGF infrastructure has been adopted by many other projects and supporting CMIP activities, there is a need to establish a more formal governance structure that ensures resource implications for users of disparate data as well as funding agencies.

The presentation and discussion will touch upon the status of the ESGF governance in respect to the current funding agencies: Department of Energy, EU Commissions, National Aeronautics and Space Administration, National Oceanic and Atmospheric Administration, the Australian Department of Education, and others.

Two Committees

- Steering Committee
 - Composed of major ESGF sponsors, the Steering Committee ensures that directions proposed by the Executive Committee are consistent with funding priorities and are responsive to any concerns expressed by the user community.
 - DOE, NASA, NOAA, Australia Department of Education, EU Commissions, and others
- Executive Committee
 - Composed of institutional and technical leaders of ESGF, the Executive Committee provides general guidance and makes high-level decisions in directing and coordinating the course of ESGF consistent with multiple sponsor needs.

Structure of ESGF Governance

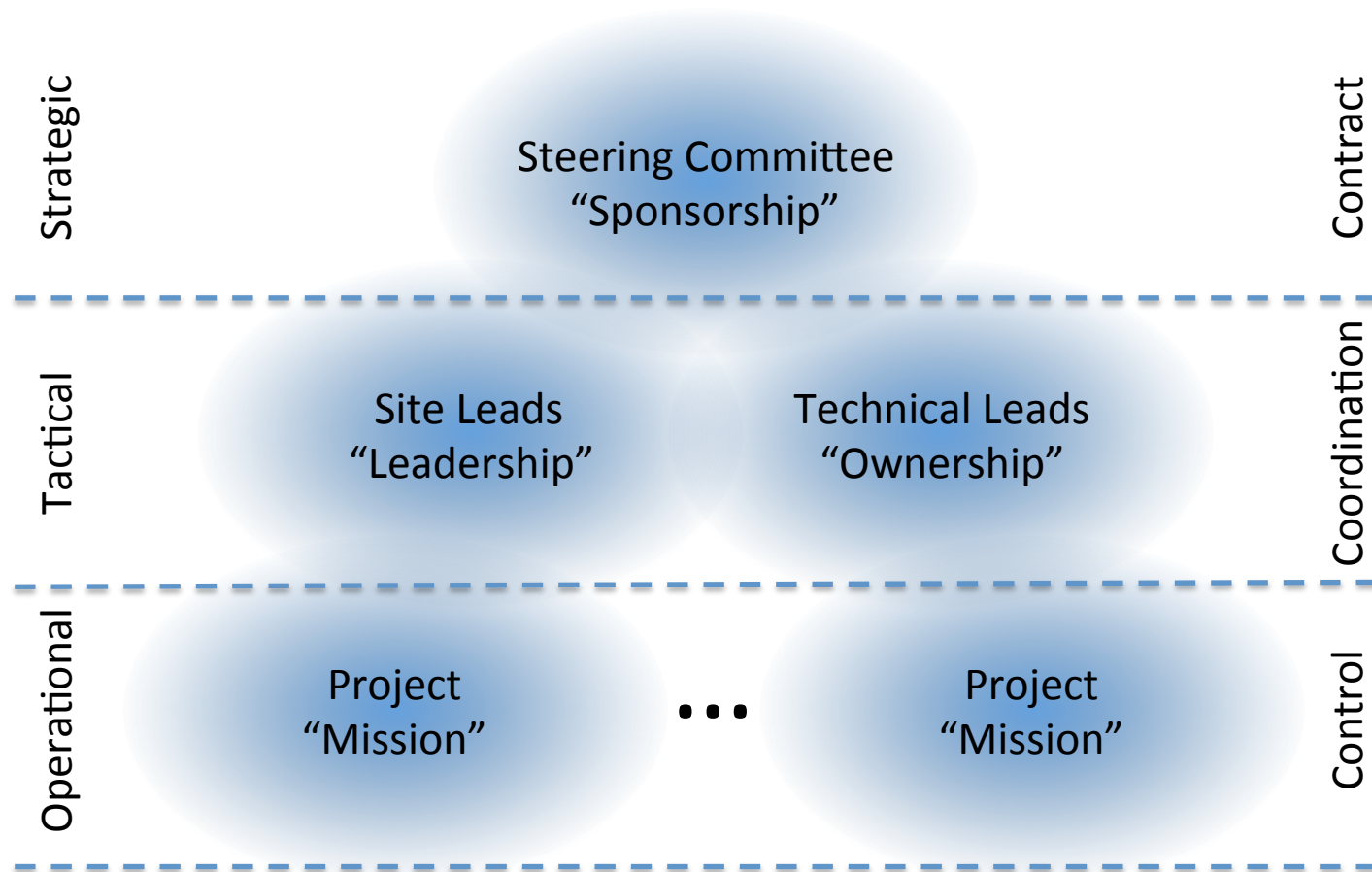


ESGF Committees

FINE PRINT:

- Previous slide showed a high-level organizational chart showing the line of communication between the ***Steering Committee*** (i.e., international funding agencies and sponsors) and their sponsored PIs, representing the ***Executive Committee***.
- The external panel input, such as the “Advisory Board”, “Individual Sponsors and Resources”, “Software Operations”, and “Community and User Feedback” are filtered through the ***Executive Committee*** and reported up to the ***Steering Committee*** for funding considerations.
- The method by which external groups will interact with the ***Executive Committee***, will be established by that group within its first meeting.

Governance Process



Potential Committee Members

- **Sponsor Representatives:**
 - Justin Hnilo (Chair, DOE)
 - Sylvie Joussaume (IS-ENES)
 - Tsengdar Lee (NASA)
 - Ben Evans (Australian Department of Education)
 - Annarita Mariotti (NOAA)
- **Executive Representatives:**
 - Dean N. Williams (Initial Chair, DOE)
 - Luca Cinquini (NASA)
 - Michael Lautenschlager (DDC)
 - Cecilia DeLuca (NOAA)
 - V. Balaji (NOAA)
 - Daniel Crichton (NASA)
 - Daniel Crichton (NASA)
 - Sebastien Denvil (IPSL)
 - Martin Juckes (CORDEX)
 - Galen Shipman (ORNL)
 - Ian Foster (ANL)

Thank you!

Questions?