

# G-PST Governance Structure

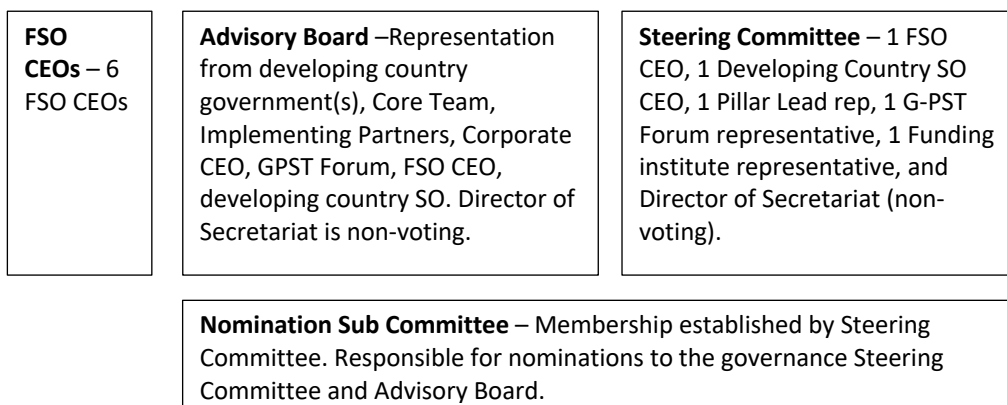
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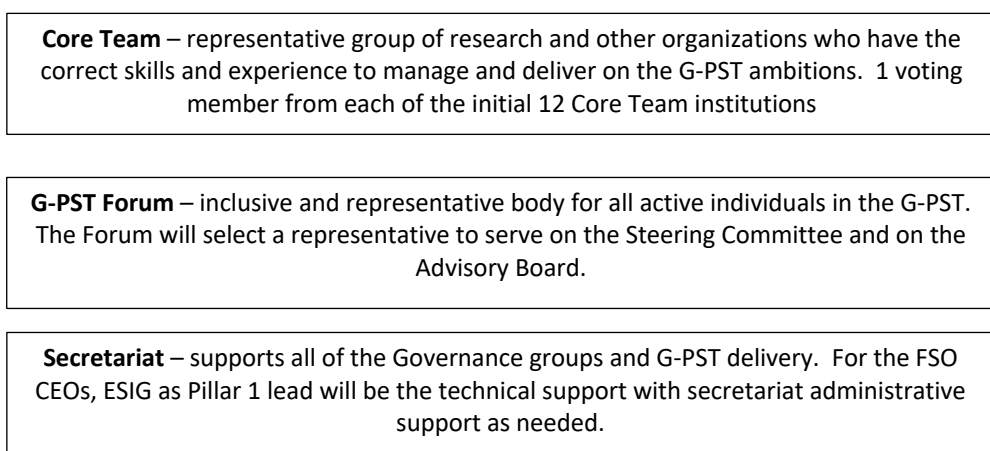
## Overview

The governance of the G-PST must be balanced, pragmatic and reflect the inherent diversity combined with the bottom up and top-down characteristics that make G-PST such a compelling proposition. Governance will fall under the four groups presented below, the Leadership elements. For completeness the three Implementation elements are also presented.

### Leadership elements



### Implementation elements



## Leadership Elements

### Founding System Operator (FSO) CEOs Roles

- Provide strategic input, vision and oversight for Pillar 1.
- Review and approve Pillar 1 Work Program and updates to the broader G-PST ToR<sup>1</sup>.
- Review and approve and directly assist with major G-PST fundraising activities.

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<sup>1</sup> The ToR of the G-PST needs to be consulted and changed to reflect this governance structure. This needs to be done in accordance with the ToR themselves.

### *Meetings*

Participate in FSO CEO teleconferences every three months; in-person meetings (if possible) at least once a year.

### Advisory Board Roles

- Review and provide feedback on G-PST multi-year strategy
- Identify emerging strategic opportunities for the Consortium to achieve its strategic objectives and assist in expanding linkages, enhancing, and complementing existing programs.
- Provide advice on fundraising and partnership development for priority cross-cutting and Pillar activities and where appropriate help open doors for such activities
- Review G-PST annual impact assessments and provide strategic advice on adjustments to G-PST strategic approach to strengthen impacts
- The Advisory Board will have a rotating chairperson to develop agendas and run the meeting with support from the secretariat.

### *Meetings*

Participate in Advisory Board meetings semi-annually and other G-PST outreach events to support expanded awareness of the Consortium.

### Steering Committee Roles

- Responsibility for the overall functioning of the G-PST including financial and reputational responsibility
- Review and endorse Annual Work Program and updates to the ToR and multi-year strategy
- Provide guidance on the G-PST operating structure, including the selection of the G-PST Secretariat, following an open and transparent process, and review of performance of the core team and secretariat.
- Conduct annual reviews of G-PST overall and secretariat performance and recommend adjustments in operations and structure as needed. Review and approve G-PST reporting on results. The secretariat will report to this committee on performance and impact across the Consortium.
- Review and approve and directly assist with major G-PST fundraising and partnership development activities.
- Provide guidance and feedback on Consortium outreach and member engagement activities.
- The Steering Committee will have a rotating chairperson to develop agendas and run the meetings with support from the secretariat.
- Provide high level oversight of G-PST funding opportunities to ensure they are consistent with the G-PST objectives and principles.
- The Steering Committee will establish the Nomination Sub-Committee within 3 months of Steering Committee establishment.

### *Meetings*

Participate in committee teleconferences every three months, committee in-person meetings (if possible) at least once a year

### Nomination Sub Committee Roles

The Nomination Sub Committee is responsible for developing a nomination process that must be approved by the Steering Committee, with input sought from the FSO CEOs and the Core Team.

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- Nomination of the subsequent Steering Committee, Advisory Board and Chairpersons for the second year and onward with staggered terms over a 3-year cycle. All rotations will be carefully defined to ensure a window of overlap and continuity.
- Ensuring balance and diversity in the broadest sense in the G-PST Governance is a key role of the Nomination Sub Committee. This includes but is not limited to diversity of region, gender, age, race, color, domain (industry, government, researchers etc.) and technical and non-technical area. In exceptional circumstances, one additional person may be nominated to be part of the governance structure if there is a serious imbalance and must be approved by the Steering Committee.

### *Meetings*

Participate in sub-committee teleconference every 6 months.

## Implementing Elements

### Core Team Roles

The Core Team has one voting member within each institution. The Core Team and the Secretariat, with input from the Steering Committee, review and refine the institutional composition of the Core Team as needed and establish a definitive Core Team composition to be presented in the broader G-PST ToR.

- Provide thoughtful and substantive input to strategically shape the Consortium including input to the Consortium work program, outreach documents and other strategic documents. To support this area, the Core Team will be highly responsive to group communication.
- Exhibit “ownership” of the Consortium and serve as an ambassador of the concept to key stakeholders and within their institutions.
- Team with the Secretariat in developing annual work programs for the Consortium. This includes activities for each of the five Pillars.
- Engage in or lead in delivery of the 5 Pillar activities.
- Participate in the “quality control” of Consortium activities together with the Secretariat and Pillar leads to ensure best-in-class tools, methods and approaches are being utilized.
- Pursue fundraising and partnership opportunities and share outcomes from discussions that build support for the initiative with the rest of the Core Team and the Secretariat.

### *Current Core Team Initial Composition*

- ASEAN Center for Energy
- Commonwealth Scientific and Industrial Research Organization (CSIRO)
- Council of Scientific and Industrial Research (CSIR)
- Danish Technical University (DTU)
- Electric Power Research Institute (EPRI)
- Energy Systems Integration Group (ESIG)
- Fraunhofer Cluster of Excellence for Integrated Energy Systems (CINES)
- Imperial College London
- Institute of Electrical and Electronics Engineer (IEEE)
- Latin American Energy Organization (OLADE)
- National Renewable Energy Laboratory (NREL)
- VTT Technical Research Center of Finland

### *Meetings*

Participate in Core Team meetings quarterly and other G-PST outreach events to support expanded awareness of the Consortium.

### G-PST Forum Roles

The philosophy of the G-PST relies on inclusivity of a globally distributed group of highly talented individuals across many disciplines and with a variety of functions and responsibilities mainly within the electricity industry. These include researchers, students, industry practitioners, educators, regulators, NGOs, governments from developed and developing world etc. Their commitment to G-PST is as individuals (although they may represent their organizations, the power of G-PST is their individual commitment to the ideals of G-PST). Therefore G-PST is essentially a bottom-up

organization<sup>2</sup>. Recognizing this and recognizing that dealing with such a diffuse and dispersed grouping is difficult in any organization, the G-PST Forum will be established. Membership of the forum is on an individual basis. It is initially made up of the members of the Research Agenda Group, the Teaching Agenda Group, the Research Advisory Committee, the FSO Designees and subject matter experts, and G-PST research projects and teams. The Forum chair and two representatives of the forum, one to serve on the Steering Committee and one on the Advisory Committee, will be selected by the forum in a manner to be determined by the forum.

- The Forum provides a venue to solicit suggestions and gather feedback and ideas for ongoing improvement of the G-PST.
- The Forum will also serve to update the members on important G-PST developments and activities.

### *Meetings*

The Forum will meet in person and/or virtually twice a year.

### Secretariat

NREL currently serves as the interim Secretariat of the G-PST. The Steering Committee is responsible for selecting a permanent secretariate. The Secretariat supports all elements of the G-PST governance structure and coordinates delivery of G-PST programs. Key responsibilities (elaborated further in the Terms of Reference) include:

- Developing annual work programs for approval by the governance leadership bodies and guiding and supporting delivery of this work program by pillar leads and all G-PST partner institutions
- Maintaining and updating a broader multi-year G-PST strategy and vision guided by the governance leadership bodies.
- Providing support for and coordinating meetings of G-PST governance bodies, with the Pillar 1 lead (ESIG) providing primary support for FSO CEO activities
- Coordinating and leading efforts to secure diversified G-PST funding and for management and expansion of G-PST strategic partnerships
- Monitoring, evaluating, and reporting on G-PST performance, and proposing and assisting with adjustments in G-PST operations and structure to improve performance
- Leading G-PST communications, outreach, and broad stakeholder participation activities. The Secretariat supports all elements of the G-PST governance structure.

### Potential G-PST Funders Group

Like the need for talent (G-PST Forum), the G-PST needs money to succeed. If the G-PST funders determine that it would be helpful to do so, the G-PST will create a group of funders to decide how

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<sup>2</sup> G-PST is fundamentally a bottom-up organization, but on occasion will act in a top-down manner. This aspect will be subject to scrutiny by the G-PST Forum. Top-down actions that require colleagues' participation, such as funding proposals or requests for expertise that are outside what they are willing to contribute to the G-PST (bottom-up philosophy), will be directly compensated – e.g., through grants, consultancy etc. – done in a very open and transparent manner.

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they wish to support G-PST strategic activities. The Funders Group would be invited to strategic convenings such as annual joint sessions of the CEOs, Advisory Board, and Steering Committee.

## Broader strategic convening

The Steering Committee and Advisory Board may consider whether to convene once a year a broader group of key government donors, international agencies, and foundations together with FSO CEOs and executives from core team institutions to review progress, the strategy for the coming year, and to discuss coordinated support. The value of this will need to balance against the time required to organize it and the resources available for such a strategic meeting.