



## IEEE PES Long Range Planning Committee: Proposed Standing Sub-Committee Names and Scopes

The **IEEE PES Long Range Planning Committee (LRPC)** is chaired by the **PES President-Elect**. Professor Bikash Pal will serve as Chair in 2026 and 2027. The role of the LRPC is to look beyond the current year and advise the PES Governing Board & PES leadership on:

- Long-term strategic priorities,
- Recommend programs that bridge the IEEE Strategic Plan to our society and technical community.
- Potential changes to the **PES Bylaws** and **Operations Manual**, and
- New strategic initiatives and programs.

To structure this work, the LRPC operates through seven **Standing Sub-Committees (SC-1 to SC-7)**. Each focuses on a specific strategic area and is composed of volunteers selected & appointed by the PES President-elect through an open Expression of Interest process.

To be eligible for these subcommittees, the individuals must be an IEEE PES member in good standing and shall be at IEEE Graduate Student Member, Member, Senior Member, or Fellow grade.

### **Proposed Sub-Committee names and scopes.**

#### **SC-1: Global Partnerships, Policy, and Leadership Engagement and Development**

##### **Strategic scope:**

- Scan long-term opportunities for **global partnerships** with other IEEE organizational units, international agencies, industry consortia and NGOs.
- Advise on leadership pipelines and **succession planning** for future IEEE PES leaders across regions.
- Identify new initiatives (e.g., global alliances, joint programmes) for consideration by the President-Elect and Governing Board.

#### **SC-2: Technical Activities, Conferences, and Publications Strategy**

##### **Strategic scope:**

- Analyse and review long-term trends in **technical disciplines and conference portfolios** relevant to IEEE PES.
- Recommend adjustments to the **IEEE PES Technical Committee structure**, flagship conferences, and publication strategy to keep pace with emerging fields.
- Identify new technical initiatives (roadmaps, cross-cutting task forces, strategic conference themes) for future years.



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### SC-3: Chapter Activities and Membership Development and Communications

#### Strategic scope:

- Review long-term trends in **chapter health, membership growth and regional balance**.
- Advise on IEEE PES-wide **communications and branding strategy** to better reach members and stakeholders.
- Propose new initiatives to engage members over the next 3–5 years (digital communities, regional programmes, recognition schemes).

### SC-4: Education, Skills, and Workforce Development

#### Strategic scope:

- Assess how IEEE PES education offerings should evolve to address future **skills and workforce** needs in the power and energy sector.
- Recommend long-range plans for tutorials, webinars, MOOCs, summer schools and university/industry collaborations.
- Propose new region based educational initiatives focused on emerging skills (e.g., data, AI, cyber-security, system integration).

### SC-5: Emerging Technologies, Digitalization, and AI Readiness

#### Strategic scope:

- Monitor **emerging technologies** (digitalisation, AI/ML, data platforms, grid-edge solutions, cyber-physical systems) and assess long-term implications for IEEE PES.
- Recommend how IEEE PES structures, programmes and policies should adapt—e.g., new committees, new technical streams, or updates to scopes.
- Advise on programs relating to **digital/AI topics**, ensuring IEEE PES is “future-ready.”
- Propose strategic initiatives (centres of excellence, cross-Society collaborations, white-paper programmes).

### SC-6: Global Standards, Interoperability, and Regulatory Engagement

#### Strategic scope:

- Take a long-term view of **standards and regulatory trends** affecting power and energy systems.
- Recommend how IEEE PES should position itself within IEEE SA and other standards development organizations, including potential structural or process changes.
- Propose forward-looking initiatives (e.g., regulatory roundtables, standards roadmaps) that IEEE PES should undertake.

### SC-7: WiE, Young Professionals, Next-Gen and Social Impact Engagement

#### Strategic scope:

- Analyse long-term trends in **expanding collaboration and engagement** within IEEE PES.
- Advise on sustainable programs for **Women in Engineering (WiE)**, Young Professionals, and students over the next decade.
- Propose new initiatives (mentoring frameworks, leadership academies, global challenges) to secure a **diverse pipeline of future IEEE PES leaders**.



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