



Technical direction

Our 16 Study Committees and domains of work

To translate CIGRE's strategic focus into specific technical knowledge CIGRE works within 16 domains of work, each with its own expert global Study Committee and programme of work. This is the 'engine room' that drives CIGRE's power system knowledge development and covers the key technical domains of the transmission and distribution system.

Detailed Scope

Follow [this link](#) for a detailed summary of CIGRE's SCOPE OF WORK for 2024 - 2026.

Working Groups

CIGRE's 16 Study Committees have more than 250 working groups active at any one time. [View the current list here.](#)

CIGRE's Study Committees and domains of work

Group A – Equipment

- A1 [Power generation and electromechanical energy conversion](#)
- A2 [Power transformers and reactors](#)
- A3 [Transmission and distribution equipment](#)

Group B – Technologies

- B1 [Insulated cables](#)
- B2 [Overhead lines](#)
- B3 [Substations and electrical installations](#)
- B4 [DC systems and power electronics](#)
- B5 [Protection and automation](#)

Group C – Systems

- C1 [Power system development and economics](#)
- C2 [Power system operation and control](#)
- C3 [Power system sustainability and environmental performance](#)
- C4 [Power system technical performance](#)
- C5 [Electricity markets and regulation](#)
- C6 [Active distribution systems and distributed energy resources](#)

Group D – New Materials and IT

- D1 [Materials and emerging test techniques](#)
- D2 [Information systems telecommunications and cybersecurity](#)