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 power system.

**Scope of work 2018**

CIGRE’s Study Committees and domains of work

**Group A – Equipment**
- A1 Rotating electrical machines
- 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 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 and telecommunication