

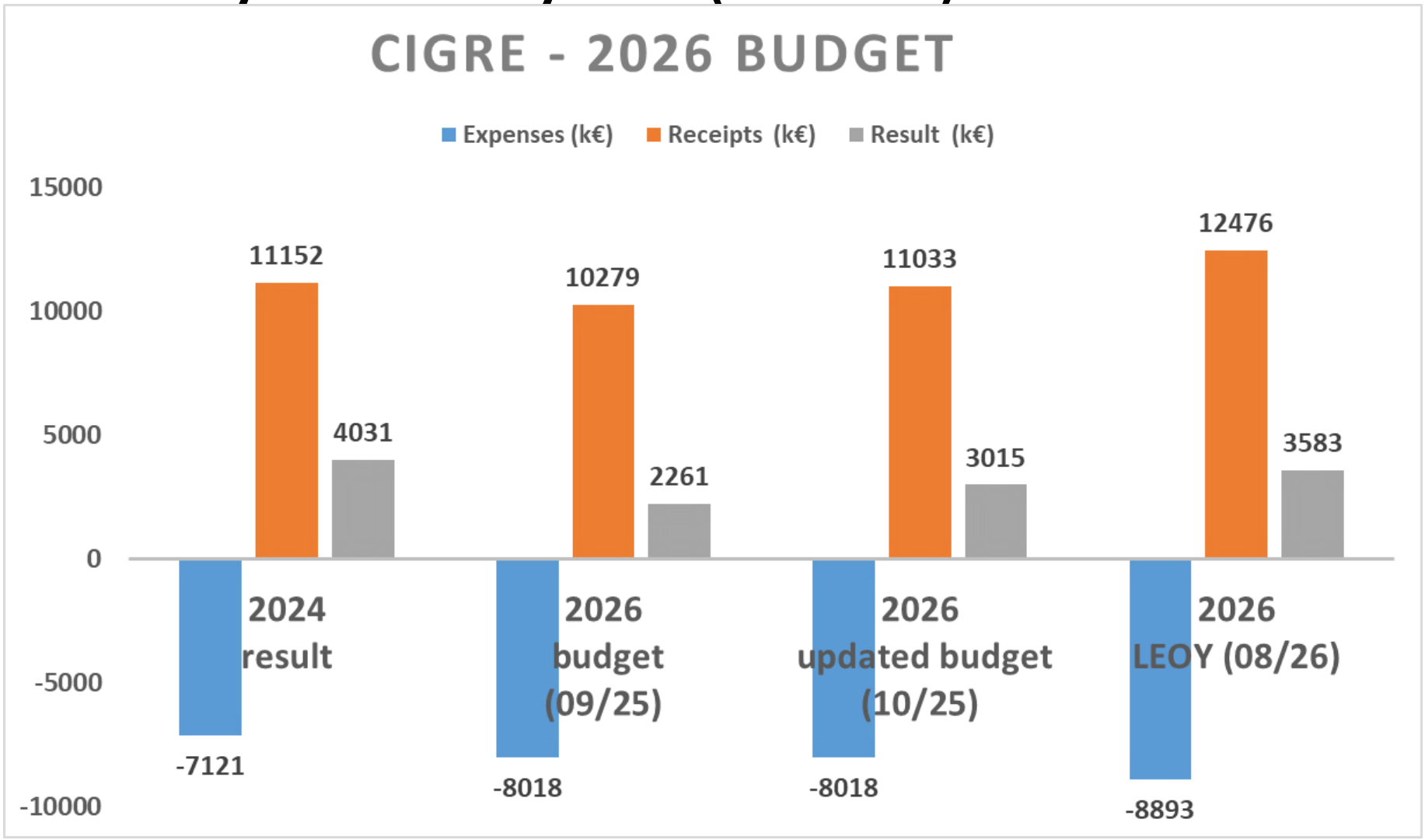
Slides til støtte for beretning 2026
Highlights fra Administrative Council møde

145th ADMINISTRATIVE COUNCIL VIRTUAL MEETING
August 22, 2026 – 9 a.m. to 4:30 p.m. Room 242AB

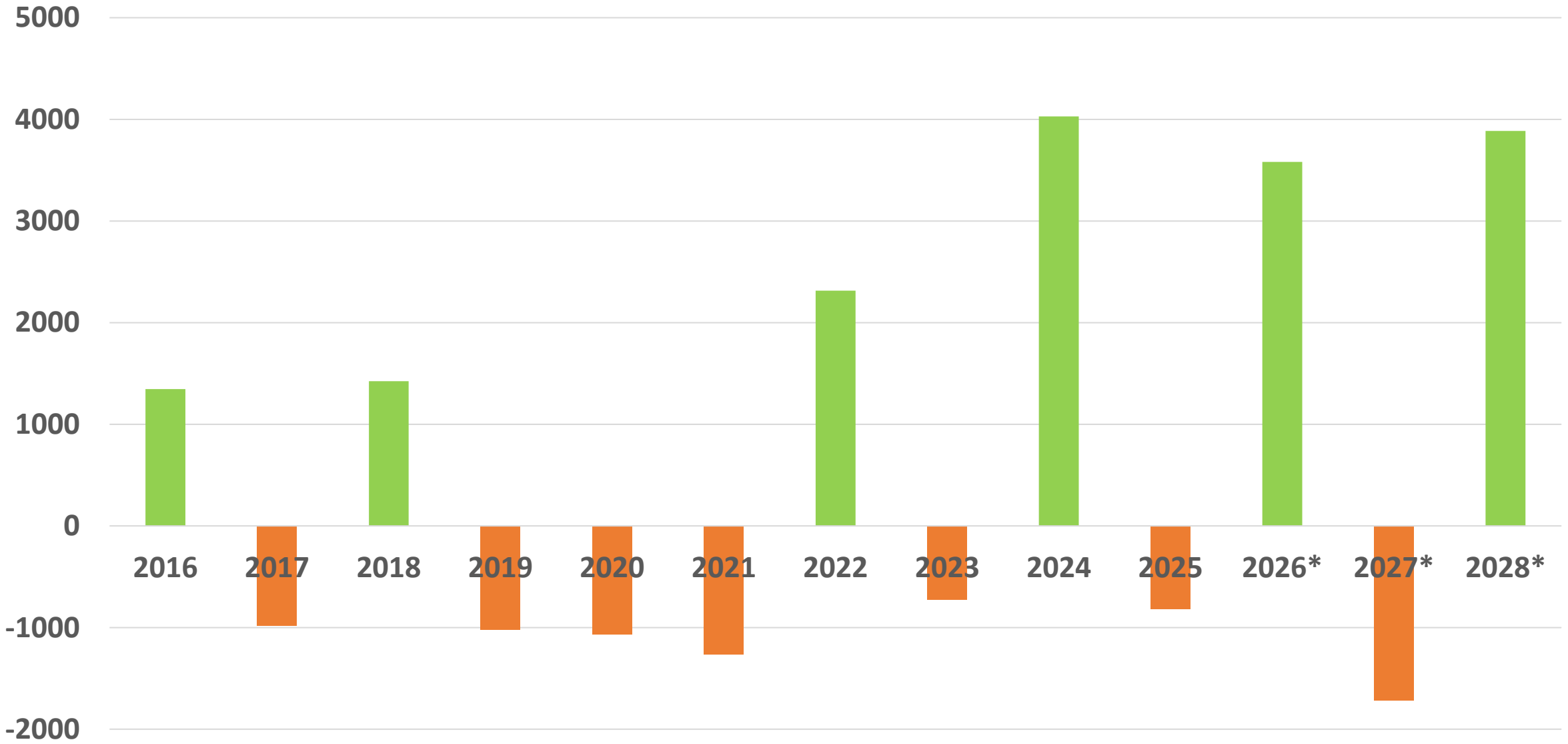
Agenda

Items	Responsible	Duration	Start time
1. Welcome / Apologies / Remembrances / New AC Reps. / IEC guests	KOP	20	9:00 a.m.
2. Reminder of compliance regulations	PhA	5	9:20 a.m.
3. Approval of the agenda and acknowledgement of the approval of the minutes of the last meeting	All	5	9:25 a.m.
4. Report of the President	KOP	10	9 :30 a.m.
5. Financial report: • 2025 results vs 2025 budget • 2026 (likely end of year) LEOY • 2027 budget and 2028 forecast (for approval)	MH	30	9:40 a.m.
BREAK	ALL	15	10:20 a.m.
6. One Grid Initiative: Update on Distribution Day programme	NU/GS	45	10:35 a.m.
7. CIGRE Innovation & Education Fund: - Update on NCs proposals	MH/GS	45	11:15 a.m.
Lunch: room 252 A&B – 2nd level	ALL	60	12:00 p.m.
8. Steering Committee report: - Update on Cybersecurity & Data Protection - Preparation of 2026 Session - Revisions of Statutes and Rules of procedure - Task Force on Biennial conference - Term duration of CIGRE Officers	PhA PhA PMc MR	60	1:00 p.m.
9. Central Office report : - Current activities of CO - Marketing & Communications update - Elections of Tuesday August 25, 2026	PhA CK	30 20	2 :00 p.m.
10. Technical Council report - Report on the last TC meeting - Symposium 2027 / 2029 - 2026 SC Members Renewal	RL	45	2:50 p.m.
11. Report from CIGRE regions		20	3:35 p.m.
12. Relations with other organizations	PhA	5	3:55 p.m.
13. Miscellaneous		5	4:00 p.m.
14. Dates & venue of next Admin Council meetings: 2026 August 26: Paris - room 242 A&B – Statutory Elections 2027 Sept: Pristina (Kosovo) – dates TBC 2028 August 26 & 29: Paris, Palais des Congrès 2029 August/ September : dates & venue TBC	PhA PDK	15	4:05 p.m.
END OF MEETING	ALL		4:20 p.m.

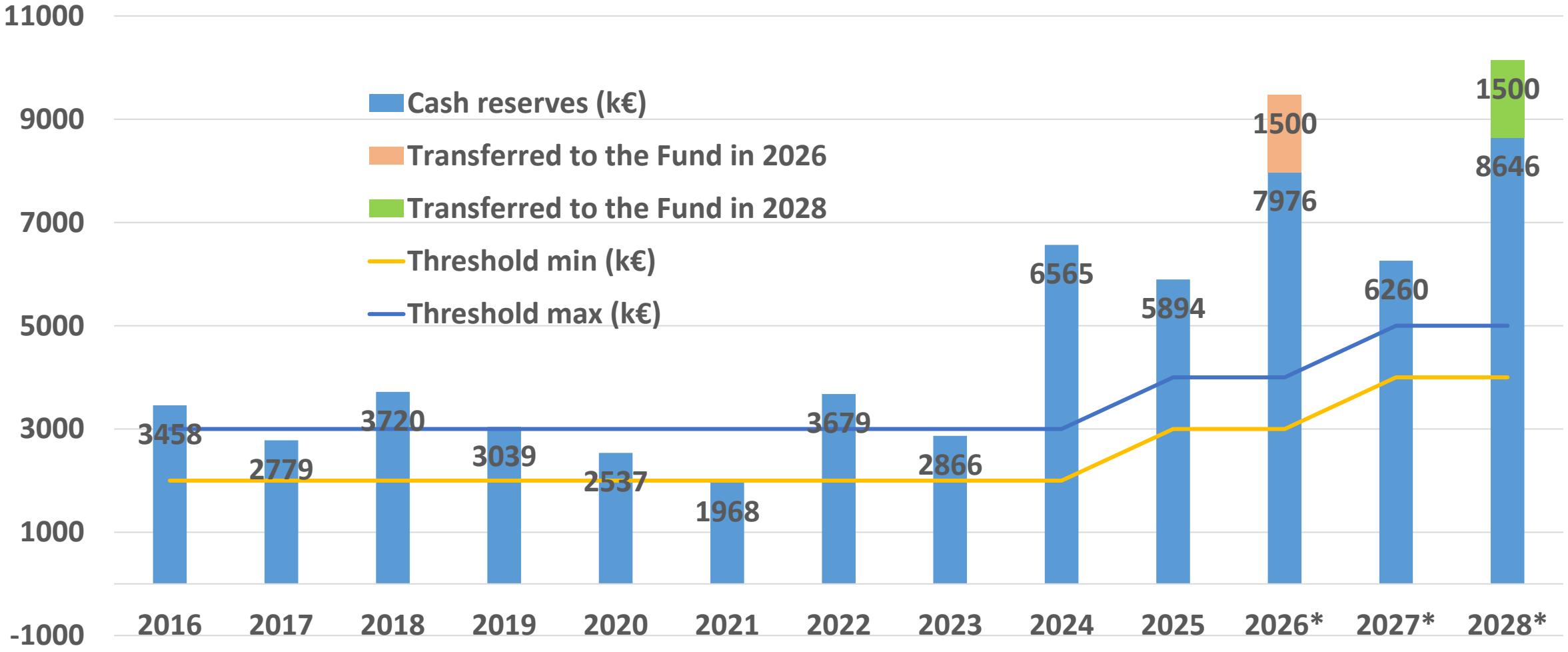
2026 likely end of year (LEOY)



Annual result (k€)



CIGRE cash reserves end of the year (k€)
Scenario with a transfer to the Fund in 2028



OneGrid

Distribution & Transmission working together

OneGrid is not just about adding distribution to CIGRE

It is about keeping CIGRE relevant to the whole system

Electrons follows the **laws of physics**



Not a man-made boundaries

Timeline



1921

INTERCONNECTION

gave birth to CIGRE

2012

INTEGRATION

(markets & transmission)

grew CIGRE

5%

distribution participation

2026

INTEGRATION

(with distribution)

future growth

Distribution is different

	Transmission	Distribution
Structure	National / regional • fewer TSOs	Many DSOs, utilities, munis, cooperatives • country-specific
Customer proximity	Farther from end users	Directly connected to customers & prosumers
Operating model	Centralized • planned • monitored	More local • active • digital • dynamic
Technical focus	Stability • bulk flows • interconnections • HV assets	Hosting capacity • voltage • power quality • protection • flexibility
Stakeholders	TSOs • regulators • generators • market operators	Customers • cities • DER developers • installers • public authorities
Engagement model	Existing global technical channels	Needs NCs • local language • local relevance • practical topics

Reaching distribution requires a more local, practical and networked approach.

OneGrid initiative Roadmap

1. ENGAGE

Mobilize the ecosystem



- National Committees
- Technical Council
- External organizations

E.DSO • IEA • IEEE PES • EPRI

2. MEASURE

Establish the baseline



- Baseline
- KPIs & participation
- Visibility of distribution

3. ALIGN

CIGRE leadership



- Steering Committee
- Technical Council
- Study Committees

Shared OneGrid vision & priorities

4. TRANSFORM

Drive execution & growth



- Events
- Membership growth

Paris Session • Heidelberg Symposium

2026 → Paris → Heidelberg → After

CIGRE Innovation & Education Fund

- Is a non-profit endowment fund established in France and incorporated in **March 2026.**
- Is a **separate legal** entity **from CIGRE**, with a purpose directly aligned with CIGRE's mission of advancing and sharing power system expertise.
- Was established with an initial endowment of **€1.5 million**, provided from CIGRE's cash reserves.
- **Supplemented by donations** and other resources permitted under the Fund's bylaws.

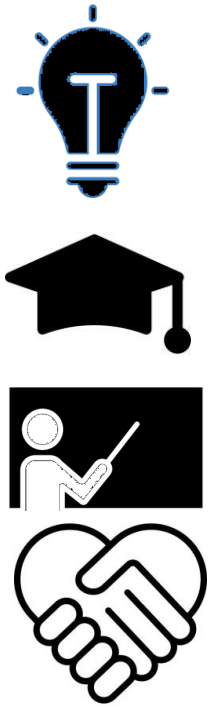
How is the Fund governed?

- **Three governance bodies with distinct responsibilities**

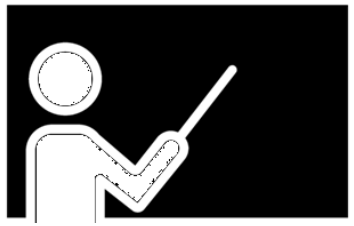
BOARD OF DIRECTORS Overall governance and approval	• Determines investment policy and available annual resources • Approves the annual budget and authorises grant recommendations • Approves annual reports, financial statements and internal policies • Accepts donations and appoints committee members • Controls staffing conditions and amendments to the bylaws
EXECUTIVE COMMITTEE Day-to-day management and project administration	• Executes Board decisions and establishes the programme of action • Solicits proposals and prepares the funding application template • Selects Projects & Programs and recommends allocations • Promotes the Fund and generates donor interest • Monitors funded Projects & Programs and prepares yearly reports
INVESTMENT COMMITTEE Investment advice and monitoring	• Assists the Board in defining investment policy • Monitors implementation of that policy • Reviews matters referred by the Board • Alerts the Board to concerns and makes recommendations • Reports on its activities to the Board

What does the Fund support?

- Innovation Projects & Programs in electrical power systems and the energy transition.
- Graduate scholarships connected with those Projects & Programs.
- Educational initiatives.
- Humanitarian Projects & Programs that help enable sustainable electricity.



- **Commercial and political Projects & Programs are excluded.**



FORECASTING FOR EMERGING GRID DEMANDS AND AI DATA CENTERS

Education

From **Canada**

€100,000 - 12 months



SUSTAINABLE ELECTRICITY FOR ISOLATED RURAL POPULATIONS

Humanitarian

From **France**
towards
Madagascar,
Benin, Togo

€100,000 - 12 months



1 - 2025-2026 highlights

The activity of the Steering Committee over the last year has been marked by the review of proposals regarding:

- National Committee funding for 2026
- CIGRE 2025 activity report and financial statements
- 2027 budget and 2028 forecast
- CIGRE Innovation & Education Fund
- New Study Committee Members' appointment for 2026-2028
- One Grid initiative
- Preparation of the 2026 Session
- New Task Forces



Cybersecurity

Sept 2025

Current situation

AdCo request regarding CIGRE's compliance with **IT security rules.**

INITIATE

May 2026

Recommendations

Presentation to the **SteerCo** of an **action plan** recommended following an internal audit.

PROPOSE

Today

Actions to launch

Appoint an external cybersecurity consultant to conduct an **audit** of the **Central Office IT systems**, including off-site cloud backup arrangements

DECIDE

Recommended action plan following the internal audit

SHORT TERM

Within a few months

- **Assign a CISO or security manager**
- Eliminate shared accounts; review access
- Enforce password rotation and VPN MFA
- Centralize critical logs and secure server-room access

MEDIUM TERM

During the year

- **Review rights and define sensitive data**
- Document backups and test restoration
- Update security policy and key procedures
- Run awareness, phishing tests and contract controls

LONG TERM

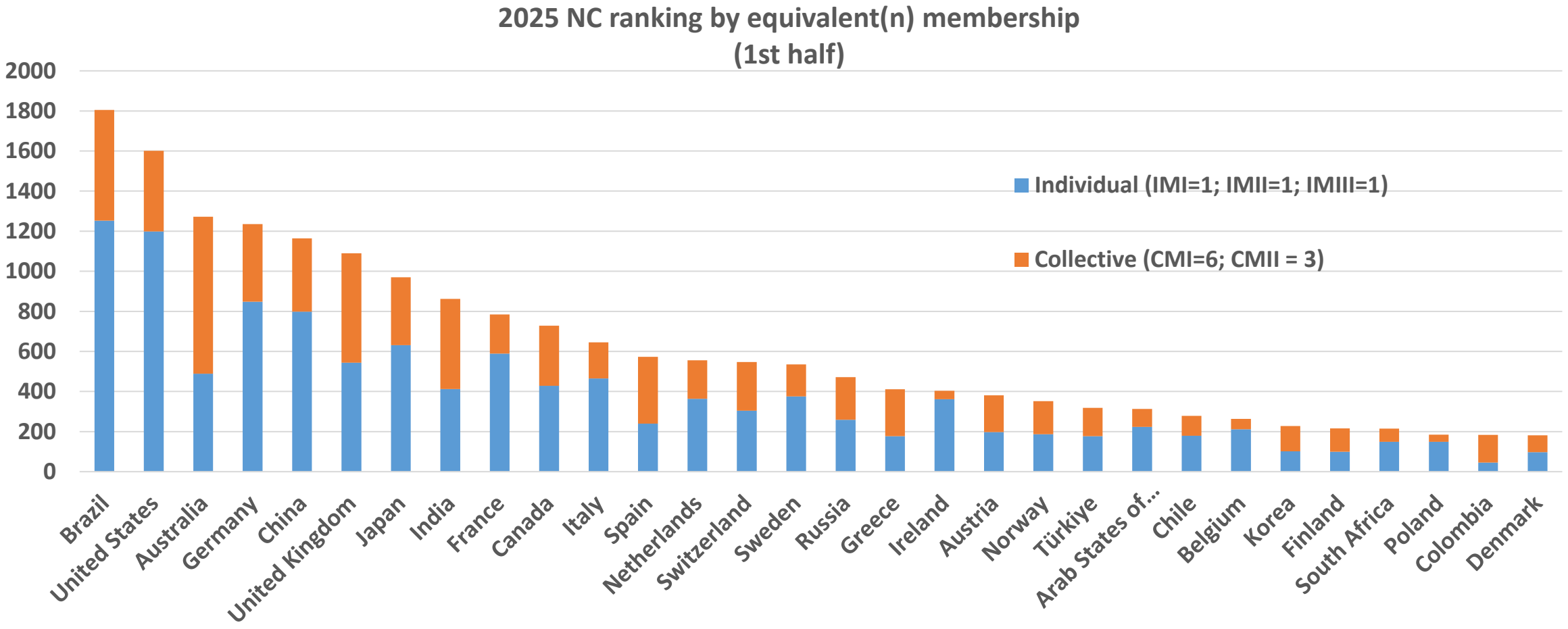
Structural investment

- **Deploy SIEM or centralized alerting**
- Segment critical network areas
- Launch ISO gap analysis and roadmap
- Modernize servers, systems and privacy records

Steering Committee recommendation

- The **Steering Committee** approved the **appointment** of an **external cybersecurity consultant** to conduct an **audit** of the **Central Office IT systems**, including off-site cloud backup arrangements.

2025 National Committees ranking



Publication categories

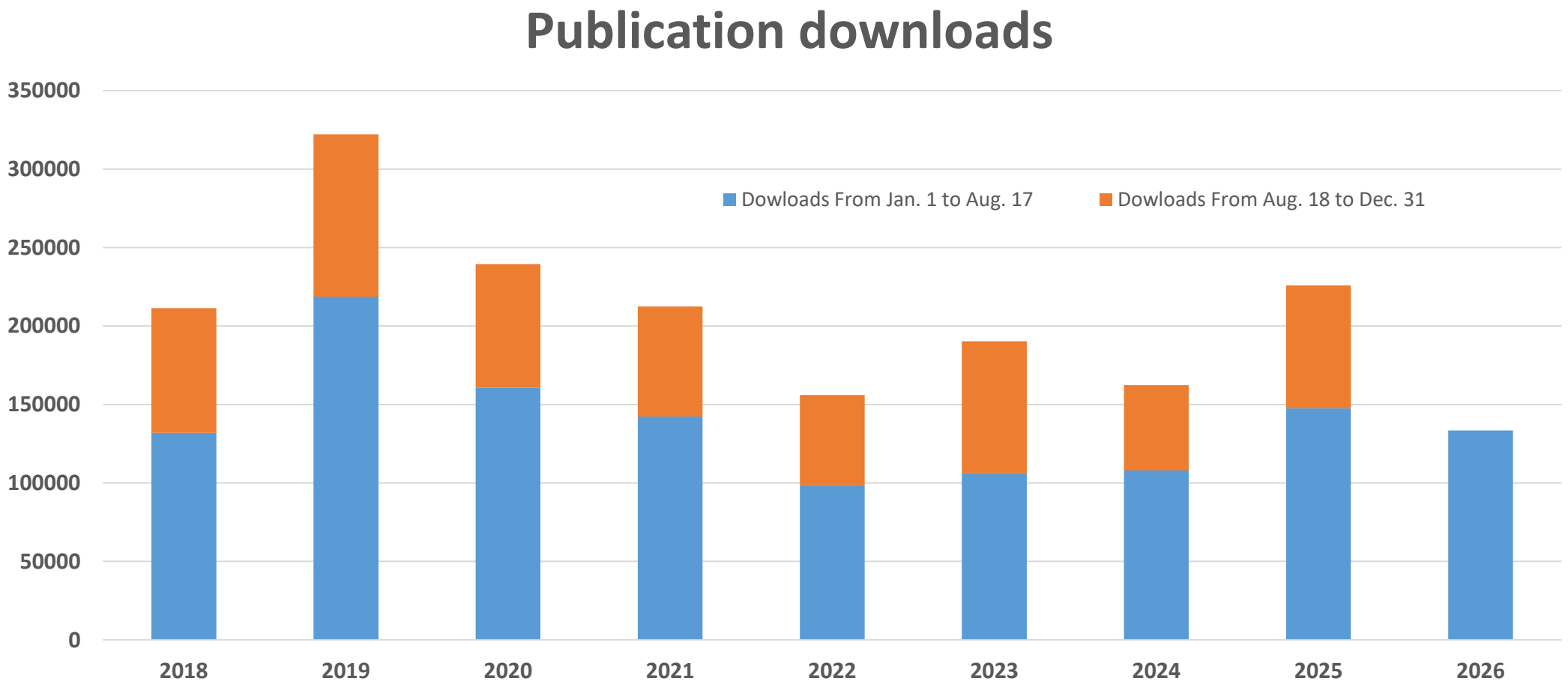
- Electra
- Technical Brochures
- CIGRE Science & Engineering
- Green Books
- Event proceedings
- Reference papers

→ eCIGRE POWERING YOUR EXPERTISE

- Power Talk
- Future Connections
- Leadership Circle

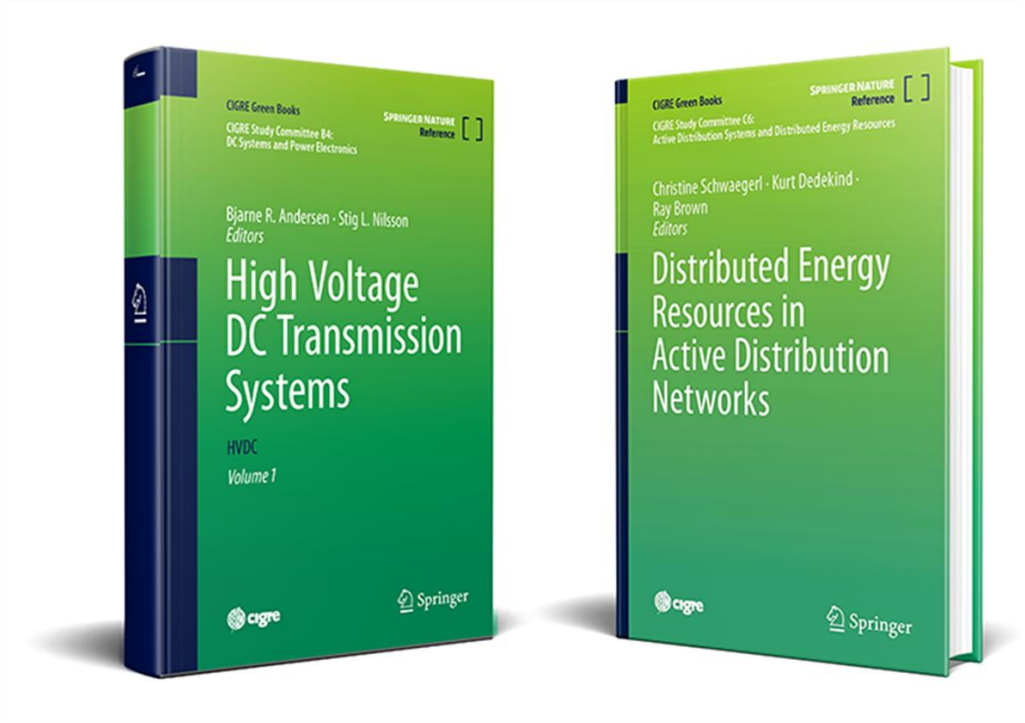
→ Newsletters via email

Downloads


Publication downloads
350000
300000
250000
200000
150000
100000
50000
0
Dowloads From Jan. 1 to Aug. 17
Dowloads From Aug. 18 to Dec. 31
2018
2019
2020
2021
2022
2023
2024
2025
2026

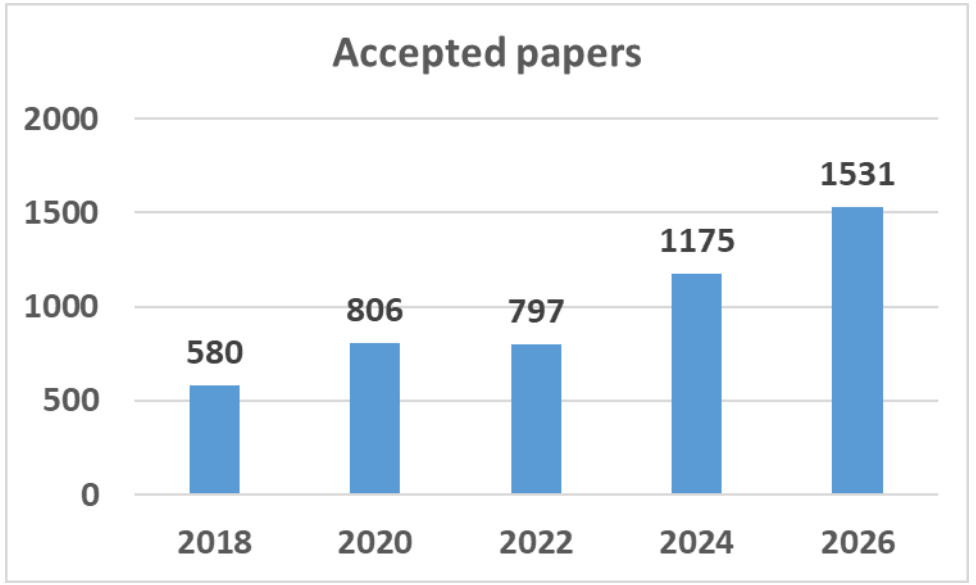
Green Books

- Since 2014 : more than half a million downloads
- Translations in Chinese, Korean and Farsi
- Referenced in Scopus and Google Scholar
- Published in 2026 : Distributed energy resources in active distribution networks (#19)
- Best seller : HVDC Transmission Systems (#18) published in 2025 (44,000 accesses)
- Royalties in 2025 : € 34,000

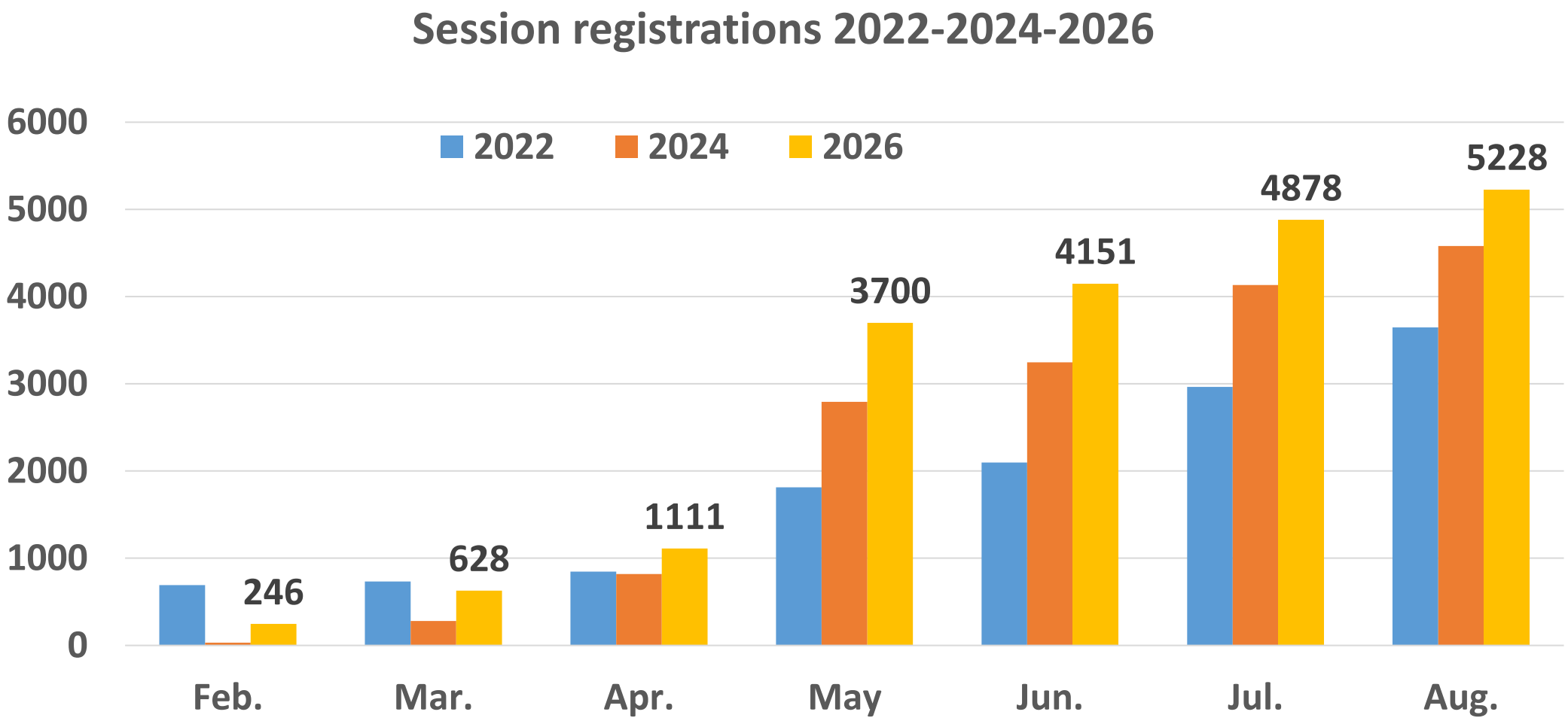


Papers review and selection process

- Call for papers: published in Electra of February 2025
- Received synopses: 2439
- Accepted synopses: 1943
- Accepted papers: 1531
- Number of reviewers: 866 (653 in 2024)
- Number of Special Reporters: 62
- Announced posters: 1519

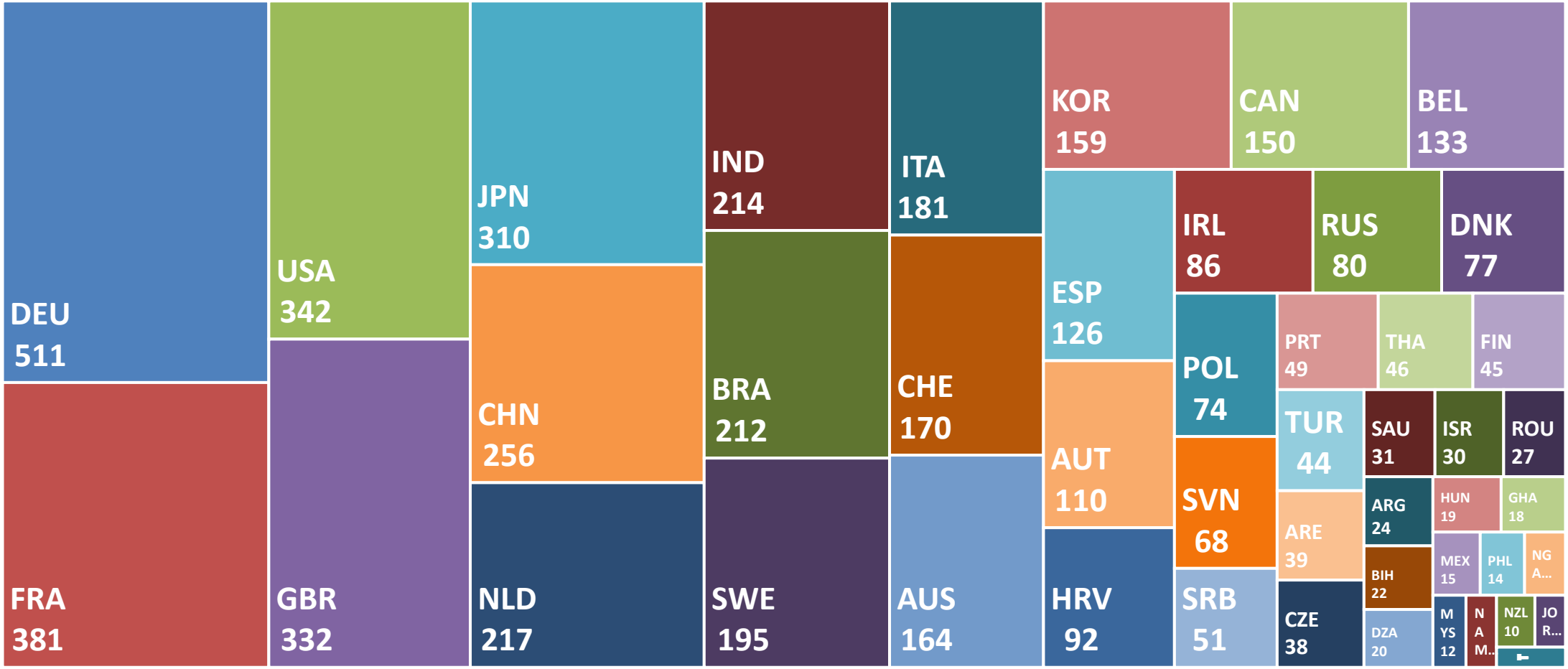


Registrations



Delegates from 92 countries

Numbers of delegates per country



Agenda

- Report on the last TC meetings
  - Statistic's
  - Africa WG- workshop Dakar
  - Green book charter
- SC members renewal process
- CIGRE Paris Session 2026 papers review
- CIGRE Symposium in Heidelberg and Bangkok 2027
- CIGRE Symposium 2029



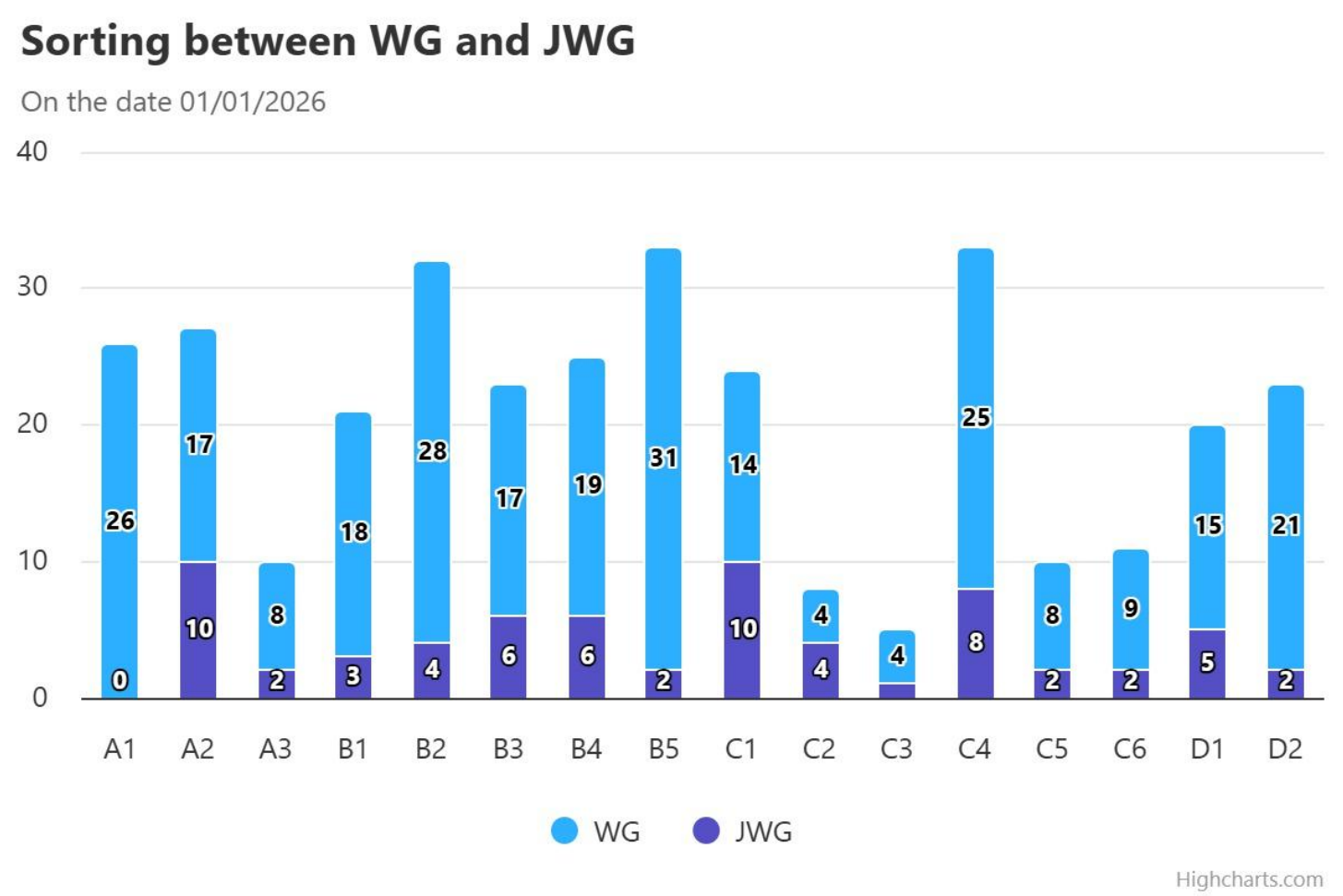
Statistics Technical Council

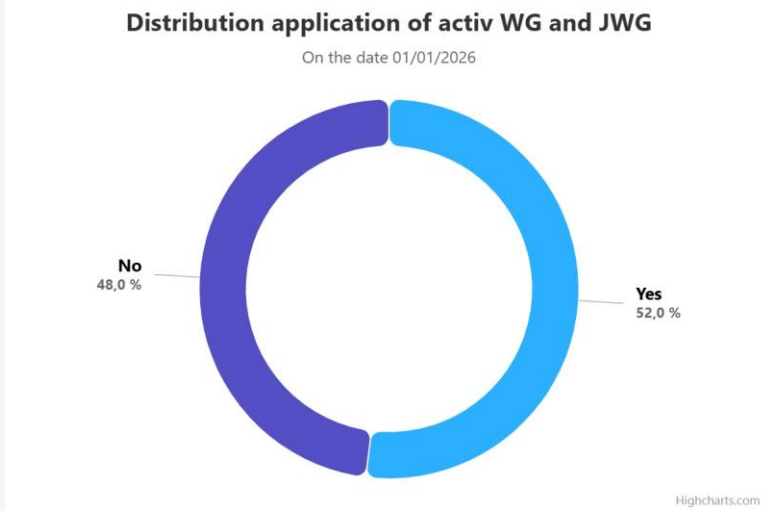
In a nutshell on January 1, 2026:

- 331 Working Groups including 67 Joint Working Groups were active
- 4611 experts were involved
- 11% of the CIGRE's experts were women
- From January 2025 to December 2025, the 16 Study Committees
  - Created 46 new Working Groups
  - Completed 21 Working Groups
- In 2025, 24 Technical brochures were published



WG and JWG per Study Committee







CIGRE Symposium 2027 in Heidelberg, Germany

One Grid – Technological Innovations for Integrated Power Systems

Dates: April 27–30, 2027

- Venue: Heidelberg Congress Center
- Involved SC: A2, **A3,** B2, B3, **B5**, C5, C6, D2
  - Symposium supported by E.DSO, IEEE PES, EPRI
  - VDE ETG Kongress, April 26–27, 2027
- https://www.cigresymposium2027.de/
- Deadline for Synopses in ConfTool November 02, 2026
- Visit CIGRE STAND C176 and ONE Grid Pavilion



Call for Papers

One Grid – Technological Innovations for Integrated Power Systems

cigre For power system expertise

CIGRE Symposium 2027

Heidelberg, Germany · April 27–30, 2027

Symposium Theme

CIGRE's 105-year experience of integrated grid complexity will be showcased with technical and practical applications for System Operators, Experts, and Manufacturers to engage actively in CIGRE's Symposium in Heidelberg – **Distribution and Transmission, working together, as One Grid.**

Distribution and Transmission are blurred without boundary for today's One Grid. Power flows are becoming more dynamic and less predictable, while system inertia, fault levels, and voltage control characteristics are changing across all voltage levels. This unprecedented transformation puts Distribution at the core of the Energy Transition, intertwining the challenges of Transmission, Supply, and the Grid Edge.

Join us at the CIGRE international symposium on the Energy Transition in Heidelberg!

Programme

The **tutorials** and **symposium sessions** will take place from *Tuesday, April 27* to *Thursday, April 29, 2027.*

The accompanying **exhibition** will be open during the main symposium, on *Wednesday, April 28* and *Thursday, April 29, 2027.*

A **technical tour** is scheduled for *Friday, April 30, 2027.*

Detailed information on the programme, the working group sessions, the technical tours and the accompanying tours can be found at www.cigresymposium2027.de .

The CIGRE Symposium is held in cooperation with the German Conference on Power Systems "*ETG Kongress*", which will take place at the same venue on *April 26–27, 2027.* For more information, please

Symposium Venue

Heidelberg is one of Germany's most enchanting cities, famous for its historic Old Town, romantic castle, and vibrant university atmosphere.

As a hub for science, culture, and global collaboration, it also offers the perfect blend of tradition and cutting-edge innovation.

Also known for its riverside views of the picturesque Neckar River, Heidelberg is conveniently located south of Frankfurt, making it reachable in less than an hour by car or train from Frankfurt International Airport and many national and international destinations.

All technical sessions and the exhibition will be held at the Heidelberg Congress Center, which is characterised by its visionary architecture, and located just steps from the main station.

CIGRE Symposium 2027 in Heidelberg, Germany













NRCC – The Nordic Regional Council of CIGRE 2026



Administrative Council

Paris, August 22, 2026

Nordic Regional Council of Cigre (NRCC)

NRCC is one of four official regions inside the CIGRE family.

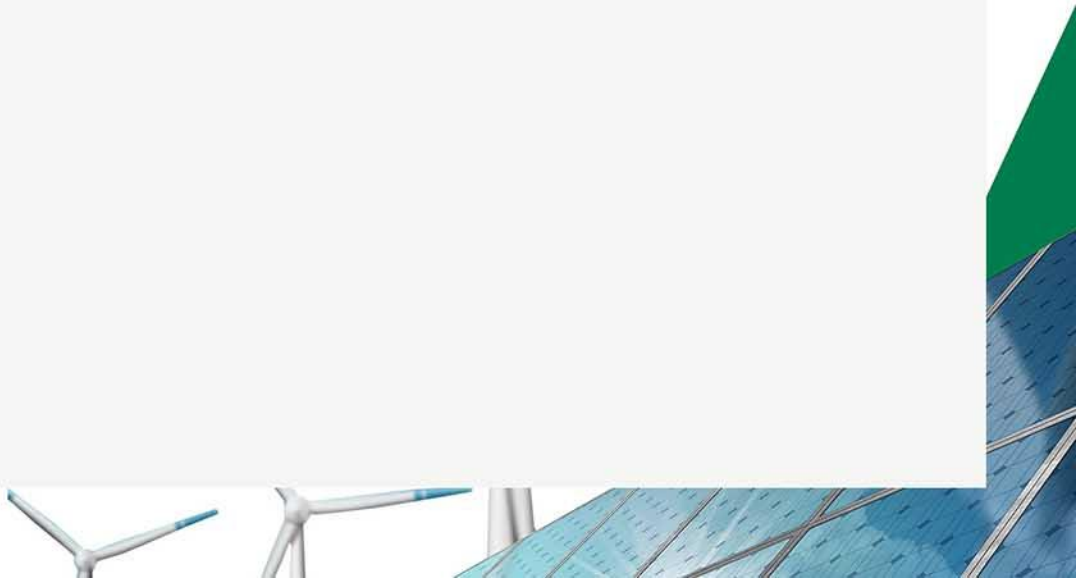
It consists of the national CIGRE committees of:

- Denmark (Faroe Islands)
- Estonia
- Finland
- Island
- Norway
- Sweden



NRCC Organisation

- Annual meetings in February or March,
  - Chair of the meeting and NRCC rotates and comes from the country hosting the meeting
- Meetings:
  - Discuss actual CIGRE and national topics
  - Share experiences and information of national activities
  - Status from Steering Committee and from Technical Council
  - Plan for future activities
- NC Chairs
  - Denmark: Claus Leth Bak
  - Estonia: Ivo Palu
  - Finland: Mikko Holmgren
  - Iceland: Magni Þ. Pálsson
  - Norway: Rannveig S. J. Løken
  - Sweden: Leif Pettersson



NRCC Annual meeting

March 12, 2026, in Stockholm, Sweden

Content
1. Welcome and opening of the meeting
2. Strategic context for NRCC cooperation - Swedish power system challenges and Nordic implications - Introduction by host, followed by roundtable discussion
3. Technical visit: Ellevio station on remote in Vision 2030
4. Members of NRCC - Participants update status
5. Information from Technical Council
6. Preparation for CIGRE Paris Session 2026 - CIGRE AdCo meeting in Paris August - Steering Committee Membership election - Technical Committee Membership election
7. Regional events in NRCC - Planning for Regional NRCC event in Finland
8. CIGRE NGN and WiE
9. Other items raised by members
10. Next meeting - Timing and host
11. End of meeting



NRCC Annual Meeting - Participants

March 12, 2026, in Stockholm, Sweden

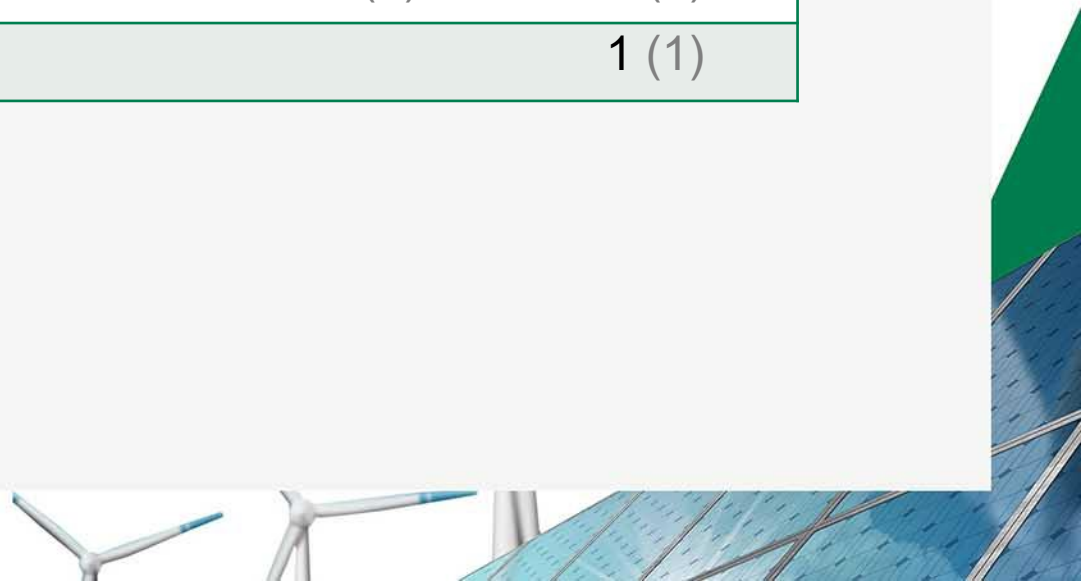
- Claus Leth Bak (NC Chair, Denmark)
- Terji Nielsen (silent listener, Denmark/the Faroe Islands)
- Ivo Palu (NC Chair, Estonia)
- Lisete Laine (silent listener, Estonia)
- Mikko Holmgren (NC Chair, Finland)
- Toni Mellin (NC secretary, Finland)
- Magni Þ. Pálsson (NC Chair, Iceland)
- Rannveig S. J. Løken (NC Chair, Norway)
- Greta Bjørnbeth (Admin Council member Norway)
- Leif Pettersson (NC Chair, Sweden)
- Susanne Stjernfeldt (NC secretary, Sweden)



NRCC members status 2026 (March 2025)

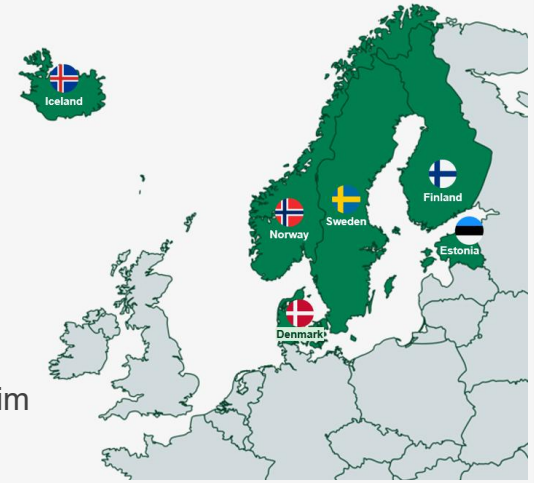
	Denmark	Estonia	Finland	Iceland	Norway	Sweden
Collective I	13 (11)	6 (3)	18 (18)	6 (10)	28 (26)	31 (24)
Collective II	2 (2)	1 (1)	4 (2)		1 (1)	1 (1)
Individual I	64 (61)	6 (3)	73 (72)	14 (13)	146 (141)	310 (281)
Individual II	21 (17)	1 (1)	7 (7)	1 (0)	26 (23)	25 (17)
Student	98 (62)	5 (2)	6 (12)		38 (34)	83 (47)
Honorary	2 (1)		0 (1)		5 (4)	7 (7)
Fellow			1 (1)			1 (1)

- NGN groups in Denmark, Finland, Norway and Sweden
- WiE in Denmark, Estonia and Sweden



NRCC Activities

- **Sweden**
  - May 26, 2026: **CIGRE Sweden Conference**, Chalmers University of Technology, Gothenburg
    - 189 participants representing the full spectrum of the Swedish CIGRE community.
  - May 27, 2026: **CIGRE Sweden Forum**, Chalmers University of Technology, Gothenburg
    - Members of the National Committee and Study Committees
- **Norway**
  - May 2025: Co-organized the CIGRE NRCC Trondheim symposium
  - April 29, 2026: **CIGRE Norway Conference**, NTNU – Norwegian University of Science and Technology, Trondheim
  - May 28, 2026: **CIGRE Norway Technical Award**, The Norwegian Academy of Science and Letters, Oslo
- **Denmark**
  - May 2025: Co-organized the CIGRE NRCC Trondheim symposium
  - CIGRE Denmark general assembly and members meeting September 2025
- **Finland**
  - December 11, 2025: **CIGRE Finland** had **fall seminar** showcasing presentations of the Finnish papers in Trondheim Symposium.
  - May 5, 2026: **CIGRE Finland** had an **excursion** to cable manufacturing facilities of Prysmian. The excursion showcased the manufacturing process of HV offshore cables. There were about 20 persons participating the excursion.
  - May 21, 2026: **CIGRE Finland** had **spring seminar** showcasing presentations from six of the CIGRE's study committees. For each area, recent developments, preferential subjects, current working groups, and generally the areas under research were discussed.
- **Estonia**
  - May 2025: Co-organized the CIGRE NRCC Trondheim symposium



Women in Energy (WiE)

- **Sweden**
  - Started September 2025 – 54 women on contact list
  - Webinars
    - Enhanced Local Resilience – Black Start and Microgrids in Practice, A. D. Garðarsdóttir, Vattenfall (March 6, 2026)
    - How Nuclear Power and Renewable Energy Can Coexist, J. Jonasson från Vattenfall Ringhals och Uppsala universitet (March 6, 2026)
    - How to Build an International Career in the Power Industry, R. S. J. Løken, Vice President Technical, Chair of the Technical Council (May 8, 2026)
    - WhatsUp at the CIGRE Session 2026, S. Stjernfeldt, SNC secretary (June 4, 2026)
  - Study visit
    - Vattenfall's R&D facility in Älvkarleby, where around twenty women participated to network and learn more about ongoing research and development in Swedish hydropower.
- **Denmark**
  - Started March 2023 – Around 20 women on contact list
  - Webinars and events
    - Ørsted's Esbjerg Power Plant (ESV) on 28th November 2024
    - Energinet's 400 kV substation Hovegaard near Copenhagen, march 2024
    - Nexafem: Women Powering the Future, October 2025
- **Estonia**
  - Started May 2026 – Around 10 women on contact list
  - Events and meetings
    - Kick off event
    - Risti 244 MW solar park visit for women
    - Quarterly meetings



Next Generation Network (NGN)



- **Sweden**
  - Growing interest to become part of the CIGRE NGN community
  - Webinar
    - Introduction to CIGRE Next Generation Network, Svenska kraftnät (June 2, 2026)
- **Norway**
  - NGN Norway is responsible for NGN Boot during CIGRE Paris session 2026
  - Study visit to NVE and Elbits, online meeting with NGN Colombia and Spain
- **Denmark**
  - Community growth
  - 200+ members on the member list, with ongoing growth
  - Webinars
    - Energy Islands 101: Engineering the Future of the North and Baltic Seas, J. Ørstergaard, DTU (June 17, 2026)
    - Offshore Operational Technology (OT) Security and its Impact on the Grid (in collaboration with CIGRE NGN The Netherlands), L. Brewka, L. Navarro-Hilfiker (Ørsted), R. Overgoor and S. Sharman (TenneT NL) (May 5, 2026)
  - Study visit
    - Eurowind Energy's GreenLab Hybrid Power Plant in Skive — 25 students and young professionals participated to network and learn about ongoing developments in Danish renewable power
- **Finland**
  - University visits to increase interest in CIGRE among students.
  - Organizing NGN showcase for the Finnish NGN papers.
- **Estonia**
  - Started in March 2026
  - Kick off event
  - Quarterly meetings

Planning of a regional NRCC event in Finland

Tentatively planned for **May 2028**

Location: **Helsinki, Finland**

Duration: 1-2 days.

Programme: Technical presentations, tutorials, student activities, and networking

Proposed theme:

"Energy transition: Current and future challenges facing the Nordic countries grid in a resilient light."



CIGRE statutory elections in 2026

by the Administrative Council on 25 August 2026



2026 statutory elections process

1. National Committees have been invited on January 6, 2026, to submit the names of their representatives on the Administrative Council …
2. … and to indicate if their representative wanted to be candidate for :
   - The position of CIGRE Vice President Finance, **Treasurer**, for the 2026-2030 period;
   - One of the six elected seats on **the Steering Committee** for the 2026-2028 period, should his/her National Committee be elected to have one of these seats;
   - One of the two seats occupied by Administrative Council representatives on **the Technical Council**, for the 2026-2028 period.
3. No election of the President is required in 2026. The current President, Konstantin O. PAPAILIOU, was elected on August 27, 2024 in Paris for a four-year mandate.
4. No election of the Chair of the Technical Council is required in 2026. The current Chair of the TC, Rannveig S. LOKEN, was elected on August 27, 2024 in Paris for a four-year mandate, with possible extension of two more years.

Candidates for Treasurer

1. **Koji KAWAKITA,** the incoming representative of the Japanese National Committee on the Administrative Council, former member of the Technical Council as Chair of Study Committee B3 “Substations and Electrical installations” from 2018 to 2024, and current Chair of Electra Editorial Board since January 2026.
2. **Vincent THOUVENIN**, the current Administrative Council member representing the National Committee of France (FR) since 2025, and current member of the Steering Committee.

Steering Committee members elections

1. After election of the 3 Officers, 12 members are chosen among candidates from the 4 geographical zones identified in the CIGRE membership statistics: Europe, Americas, Africa/Middle-East, Asia/Pacific, in such a way that the resulting distribution of the 12 seats over the four geographical zones reflects the repartition of CIGRE membership distribution in these geographical zones. Within each geographic zone, the choice is based on the membership ranking of the candidate National Committees".
2. 6 additional seats are attributed by direct election by the remaining National Committees representatives in the Administrative Council, among the remaining candidates, with a maximum of 2 elected seats per region. The candidates are ranked according to the number of votes they receive.
3. Voting AdCo members : limited to those not automatically appointed to SteerCo

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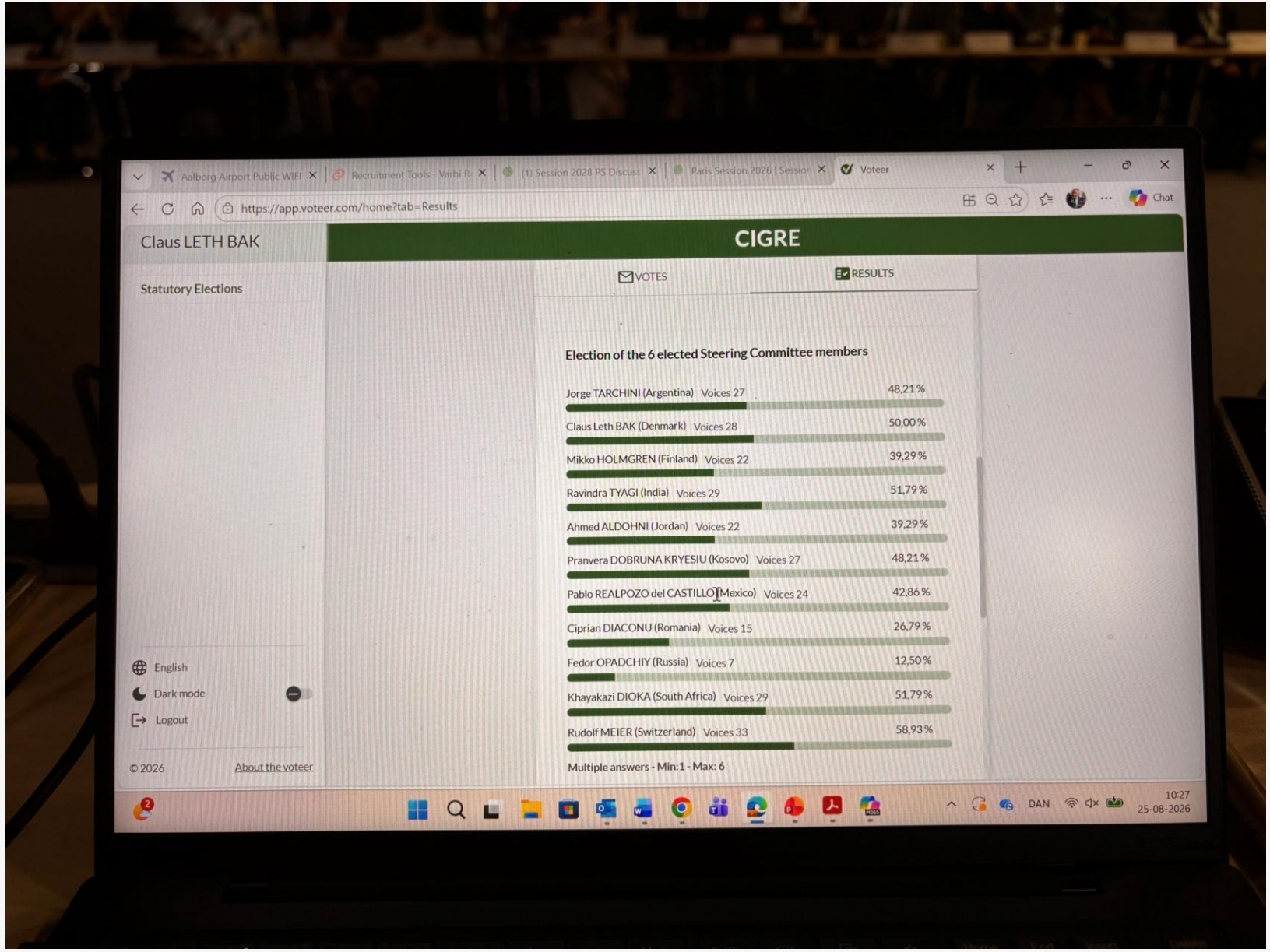
Candidates for the 6 elected seats on the SteerCo

Europe	America	Africa & M.East	Asia & Pacific
Claus Leth BAK (Denmark)	**Jorge TARCHINI** (Argentina)	**Ahmed ALDOHNI** (Jordan)	**Ravindra TYAGI** (India)
Mikko HOLMGREN (Finland)	**Pablo REALPOZO del CASTILLO** (Mexico)	**Khayakazi DIOKA** (South Africa)	
Pranvera DOBRUNA KRYESIU (Kosovo)			
Ciprian DIACONU (Romania)			
Fedor OPADCHIY (Russia)			
Rudolf MEIER (Switzerland)			

Candidates for the 2 elected seats on the Technical Council

1. **Jorge TARCHINI** (Argentina)
2. **Claus Leth BAK** (Denmark)
3. **Mikko HOLMGREN** (Finland)
4. **Ravindra TYAGI** (India)
5. **Koji KAWAKITA** (Japan)
6. **Pablo REALPOZO del CASTILLO** (Mexico)
7. **Ciprian DIACONU** (Romania)
8. **Khayakazi DIOKA** (South Africa)

Valgresultat





CIGRE 2016 Elections



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