



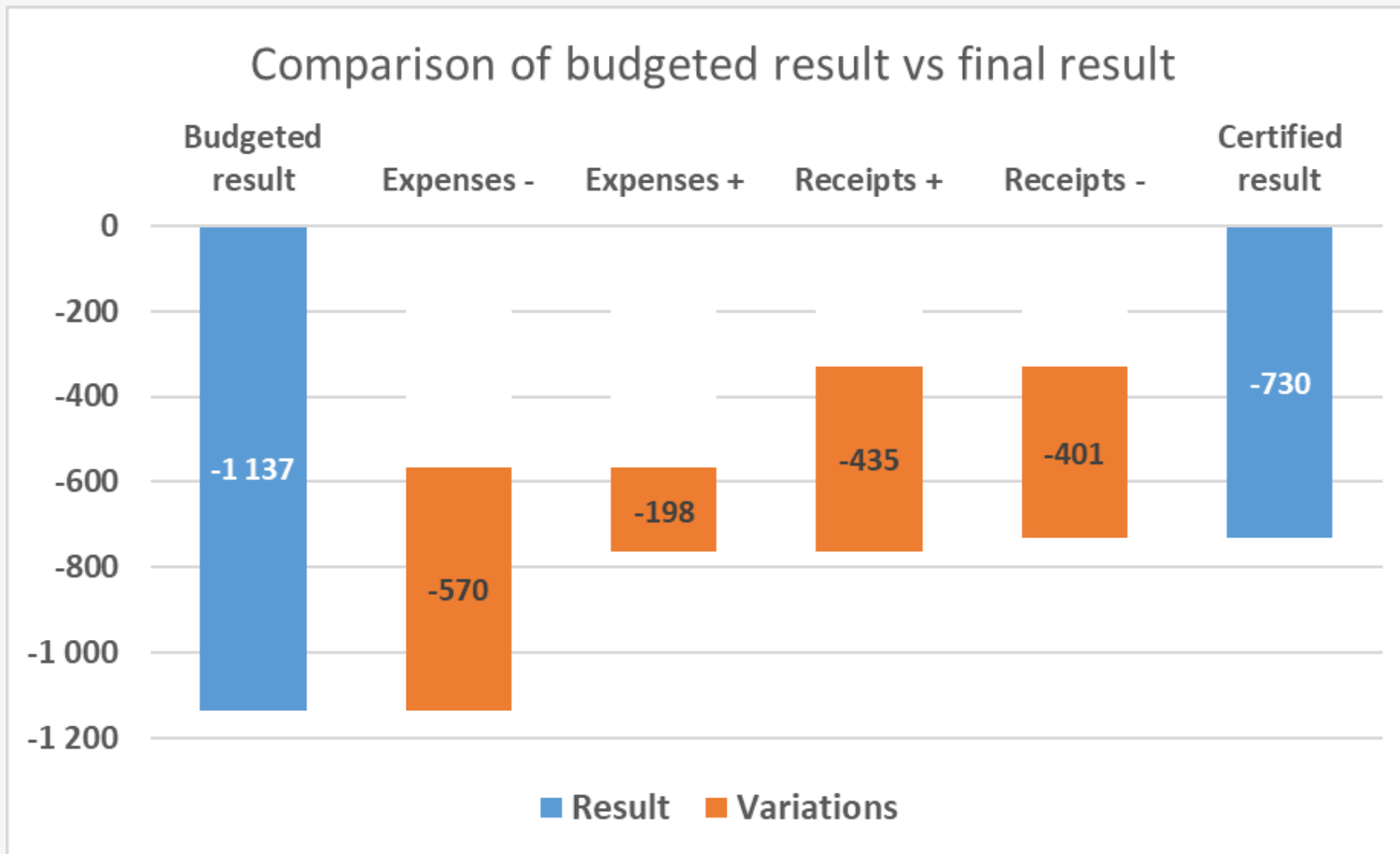
Slides til støtte for beretning 2024

142th ADMINISTRATIVE COUNCIL VIRTUAL MEETING
August 24, 2024 – 9 a.m. to 3:30 p.m. Room 242AB

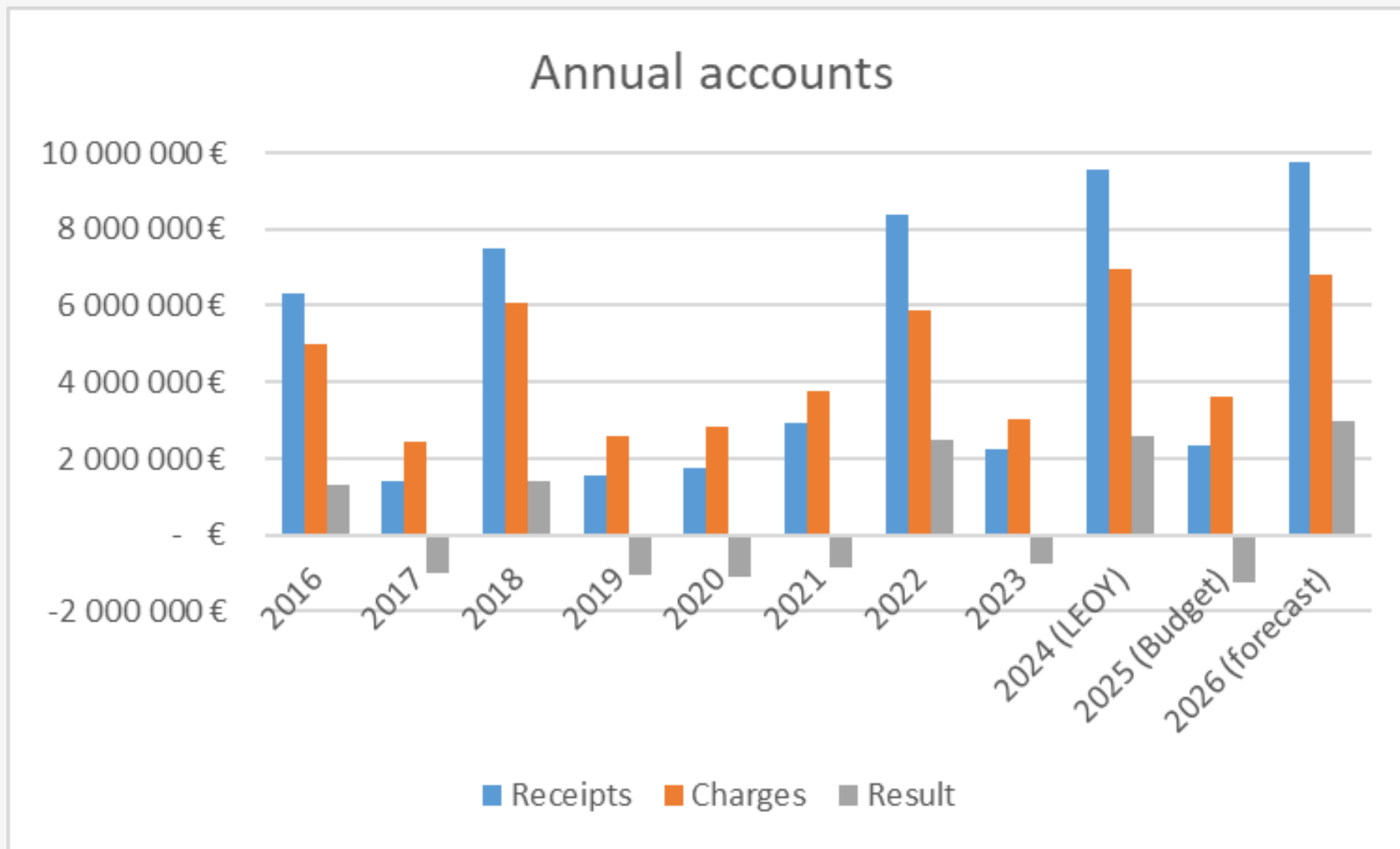
Agenda

Items	Responsible	Duration	Start time
1. Welcome / Apologies / Remembrances / New AC representatives	MA	10	9:00 a.m.
2. Reminder of compliance regulations	MA	5	9:10 a.m.
3. Approval of the agenda and acknowledgement of the approval of the minutes of the last meeting	All	5	9:15 a.m.
4. Finances & Marketing: <ul style="list-style-type: none"> • 2023 result vs 2023 budget • 2024 (likely end of year) LEOY • 2025 budget and 2026 forecast 	MH	45	9:20 a.m.
5. Marketing & Membership: <ul style="list-style-type: none"> • Marketing & communication projects update • Membership survey results : NC's payment issue 	MH/CK	50	10:05 a.m.
BREAK	ALL	15	10:55 a.m.
6. Steering Committee report: <ul style="list-style-type: none"> - Preparation of 2024 Session - Steering Committee composition issue 	PhA MR	20 20	11:10 a.m.
7. Central Office report : <ul style="list-style-type: none"> - Current activities of CO - Projects - Elections of Tuesday August 27, 2024 	PhA	30	11:50 a.m.
Lunch: room 342 A&B - 3rd level	ALL	90	12:20 p.m.
8. Technical Committee report <ul style="list-style-type: none"> - Report on the last TC meeting - Highlights from SCs - 2024 SC Members Renewal 	MSz	45	1:50 p.m.
9. Report from CIGRE regions		20	2:35 p.m.
10. Relations with other organizations	PhA	5	2:55 p.m.
11. Miscellaneous		5	3:00 p.m.
12. Dates & venue of next Admin Council meetings: 2024 August 27: Paris- room 242 A&B 2025 Sept: Turkiye – dates & venue TBC 2026 August 24 & 27: Paris, Palais des Congrès 2027 Aug - Sept 2027 : Kosovo - dates & venue TBC	PhA	15	3:05 p.m.
END OF MEETING	ALL		3:30 p.m.

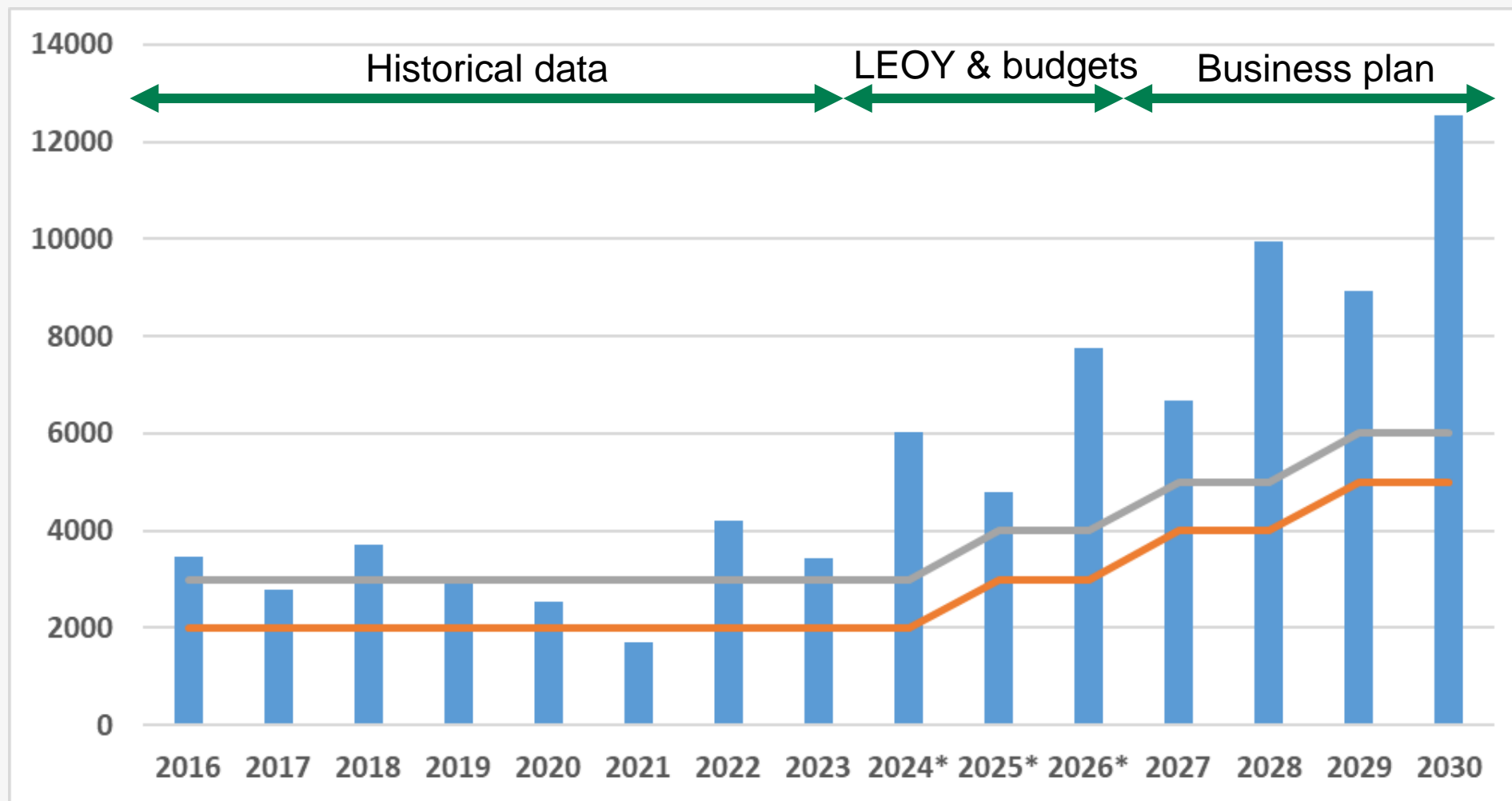
1b - 2023 results vs approved budget



6a - Cash reserves from 2016 to 2026 – Annual flows



6b - Cash reserves from 2016 to 2026 and beyond



H₂



Reminder of situation 2017

No coherent brand story, limited digital presence and over 20 versions of the logo



Four key strategies adopted

1. Create a global brand that reflected our excellence and professionalism
2. Be known and understood for our substance and work
3. Implement a digital transformation to modernise our online presence
4. Grow our global profile

Create the basis for our second century



Comms channels and websites

cigre.org



Marketing resources site



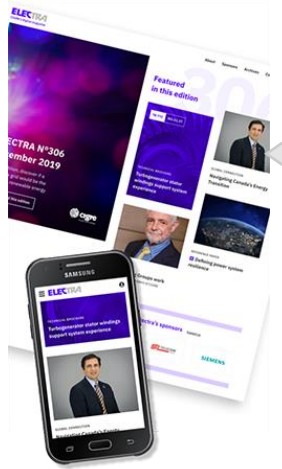
Email newsletters

Gateway to the world of CIGRE

Social channels

New logos and communications resources for all NCs

ELECTRA



session.cigre.org

300k cost savings
New revenues
Scalability
Modernity
Auto-translation



join.cigre.org

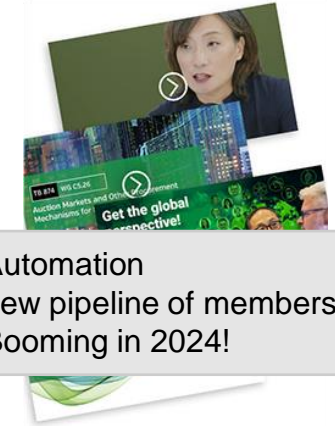


Post Covid Session

Spe

World class UX
Enhanced SEO
New CM user mng
New revenues
New data capture

Active promotions



Automation
new pipeline of members
Booming in 2024!

eCIGRE 2.0 phase 1



Enhanced membership communications



Member Retention

2023

2018

2019

2020

2021

2022

New Positioning



End to End Scope



For power system expertise

Digital Relevance Strategy

eSession



VCS



Responding to Covid

Energy Transition



Brand

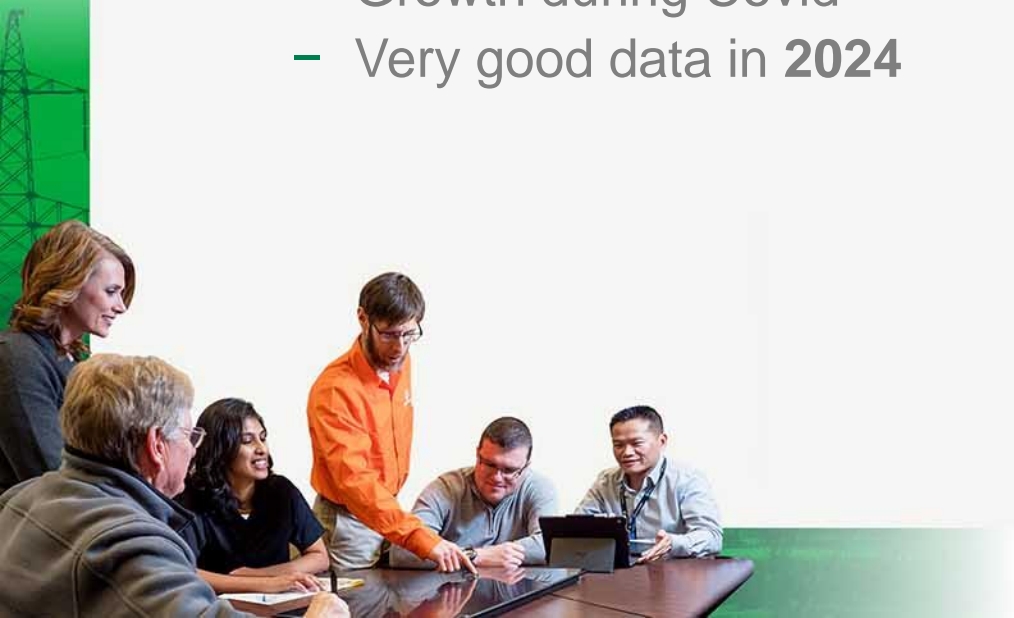
Results – Qualitative

- Consistent global brand with increasing awareness
- Modern brand image and channels
 - Attracts younger members
- Digital platform = scalable growth at lower cost
- Brand profile driving interest in CIGRE at many levels
 - Session, symposiums, working groups, publications, third parties, and more



Results - Quantitative

- Website traffic reflects huge increase in global awareness of CIGRE
 - 60,000 users and 320,000 page views in 2018
 - To 400,000+ users and approaching 2,000,000 page views in 2024
- Average age of membership now 44
 - Substantial NGN growth and WiE
- Membership in 2017 around 15000 we are now approaching 20000+
 - Gateway came on line slowly in 2021
 - Growth during Covid
 - Very good data in **2024**



Results - Quantitative

- 3700 delegates to 2022 Session
- 4000+ delegates to 2024 Session
- New record at Cairns Symposium, 1200 delegates
- Working groups and 2024 Paris Session papers strong
- More than €500k new revenues from sponsorship and advertising and growing
- Increasing global readership and use of publications



We more than survived Covid, we thrived!

The brand and communications activities support our not-for-profit, technically led membership model

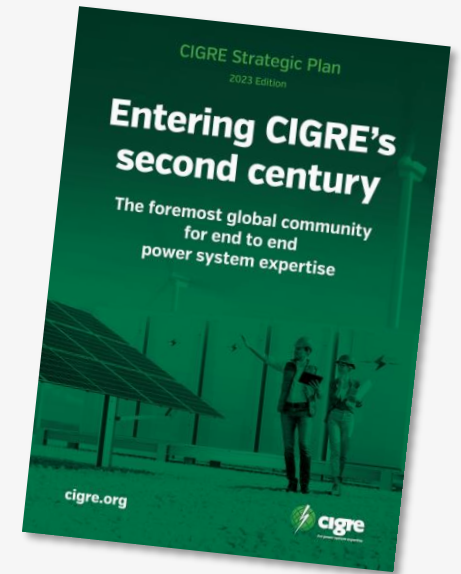


Key strategic plan inputs

Grow to 30000 - 35000 members by 2030

Four strategic benefits of scale

1. This will ensure sustainability in a challenging world
2. Proportional increase in SC / WG participation reflecting new scale
3. Membership & Session registration fees inflation adjusted only
4. Scale means the necessary diverse expertise to support our E2E technical work
 - Improving age and gender mix
 - **Energy transition** and new entrants
 - Segment span from across the **E2E**
 - Wider **Geographic** representation
 - **Asia and Africa**



Content

1. 2023-2024 highlights
2. Steering Committee membership
3. Meetings
4. Finances
5. Brand and Marketing project
6. Technical Council reports
7. Central Office reports
8. NGN and WiE reports
9. Life of the association
10. Nomination and election issues
11. Revision of Statutes and Rules of procedure
12. Relations with other organisations
13. Preparation of the 2024 Session

1 - 2023-2024 highlights

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

- to improve the retention of members, in particular young professional and students;
- to secure the finances of the Association, in particular in case the Paris Session had to be cancelled;
- to attract new members involved in the energy transition.

5 - Brand and Marketing project

- Review and validation of the actions proposed by the Marketing Task Force, set to increase the profile of CIGRE's work and reach non-members. The following key areas to look in depth have been identified:
 - Deepen understanding of membership data
 - Using content for attracting new members (including new entrants)
 - Closing the join loop through automation
 - Conducting active promotions
 - Improving our reach via new communications channels
 - Enhancing member retention
 - Diversifying income
 - Create a global brand that reflected our excellence and professionalism
 - Be known and understood for our substance and work
 - Implement a digital transformation to modernise our online presence
 - Grow our global profile

8 – NGN & WiE reports

- The NGN International representatives highlighted the activities of the NGN highlighting the following points:
 - International NGN executive committee highlights
 - Overview of **NGN Groups**
 - **International NGN executive committee** structure and lead positions
 - **Highlights** since the April 2023 and January 2024 Steering Committee meetings
 - **NGN marketing and communications** update
 - 2024 Paris Session NGN events preview
 - 2024 NGN showcase results
 - 2023 International NGN events review
- The International WiE vice chair, gave an update on Women in Energy group activities for the current year, and highlighted the following activities and concrete actions:
 - WiE network integration.
 - Women in the energy sector.
 - The **number** of women in CIGRE.
 - Female **participation** in CIGRE – technical groups, seminars, conferences.
 - The support among WIE participants in the NCs or their forums.
 - Examples of recent events
 - **Suggestions** to increase women’s participation in CIGRE
 - **Net Zero Initiative** article in Electra
 - Women writing energy (Brazil)
 - **Nominations of WiE members** in Study Committees
 - Preparation of the **Women in Energy forum** during the Session in Paris.

Content

1. Highlights
2. Membership
3. Events
4. Edition and publications
5. Marketing and communication
6. Information system
7. Support to governing bodies
8. Resources
9. Future activities and projects
10. Statutory elections on August 27

1 - Highlights

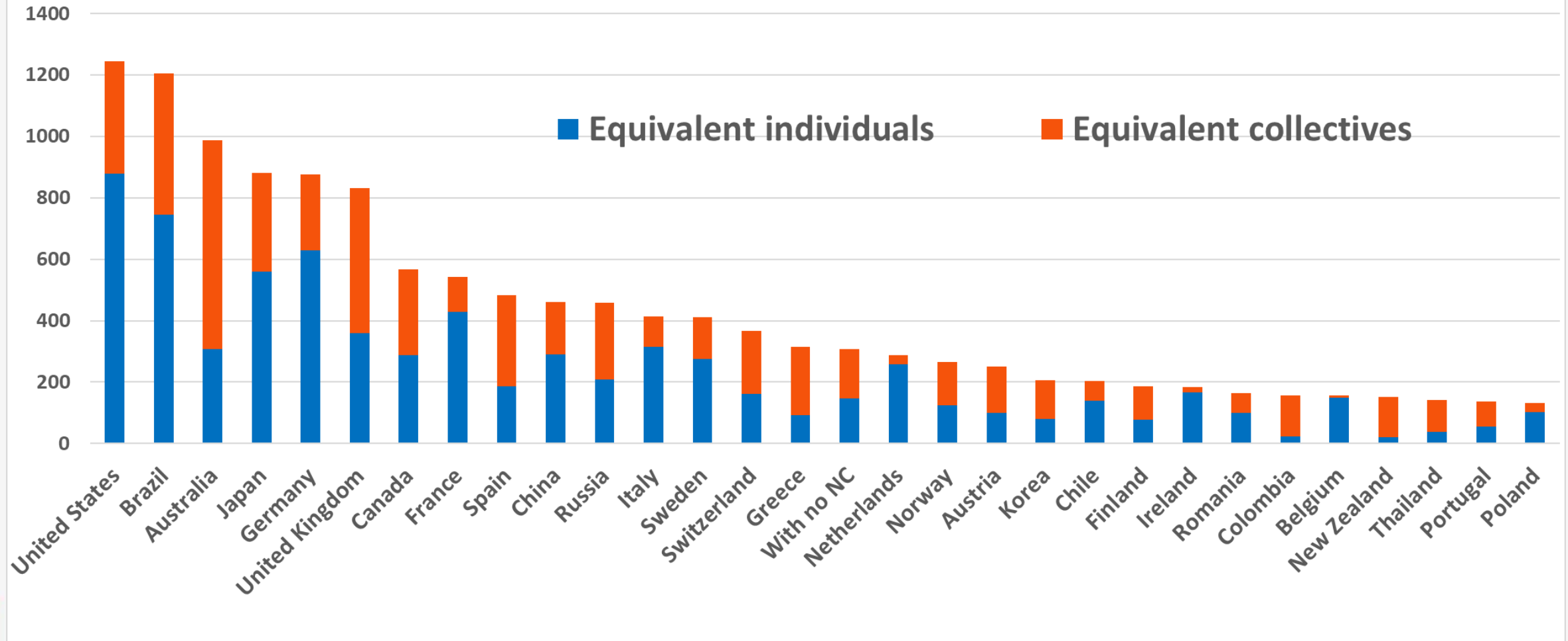
- The main achievements of the Central Office during the last twelve months, since the last Administrative Council meeting can be summarized as follows:
 - Extension of the online first membership application **gateway** to the whole world
 - Upgrade of **eCIGRE** with special attention to the collective members
 - Analysis of **membership data** as a first step to understand National Committees issues to renew and transfer fees to Central Office
 - Preparation of **statutory elections** with more candidates than ever
 - Preparation of the **2024 Session** together with the Technical Council

H₂

H₂

2 – Membership – NC ranking (1st half) @August 20

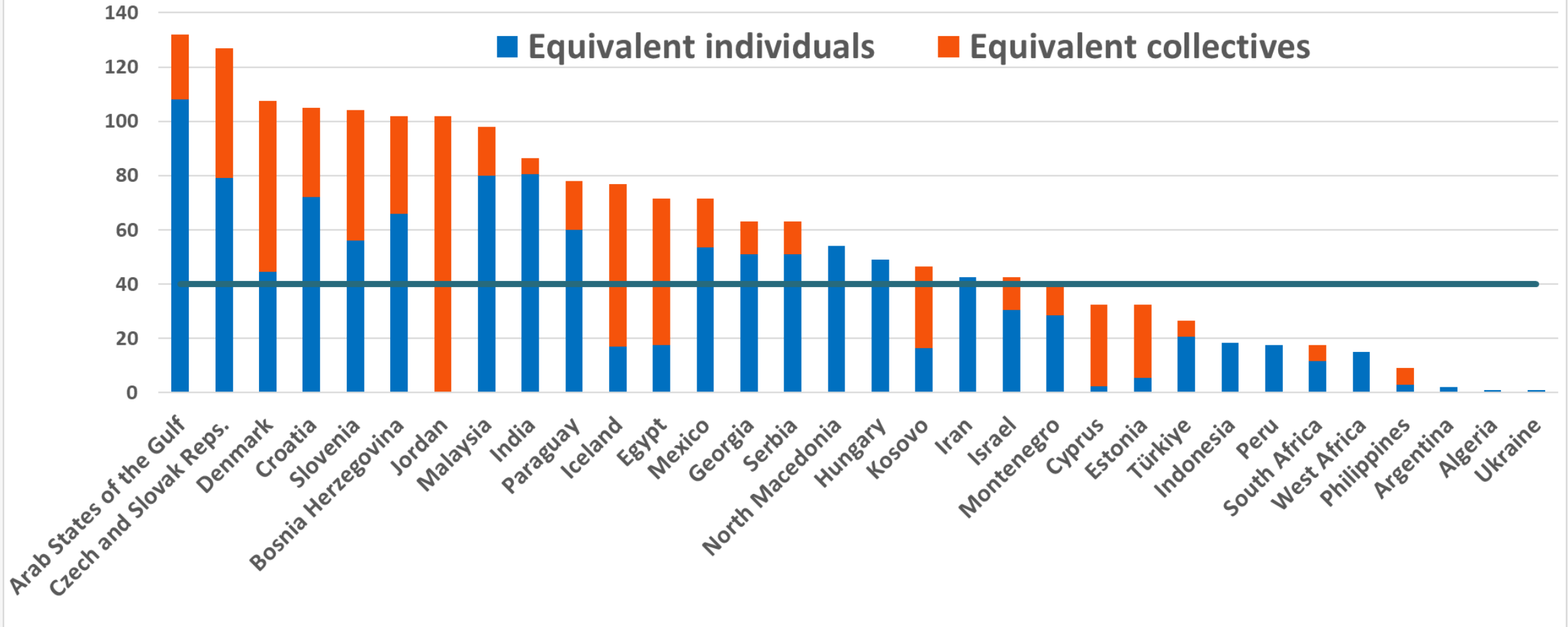
2024 National Committees ranking by equivalent membership (1st half)



2 – Membership – NC ranking (2nd half) @August 20



2024 National Committees ranking by equivalent membership (2nd half)



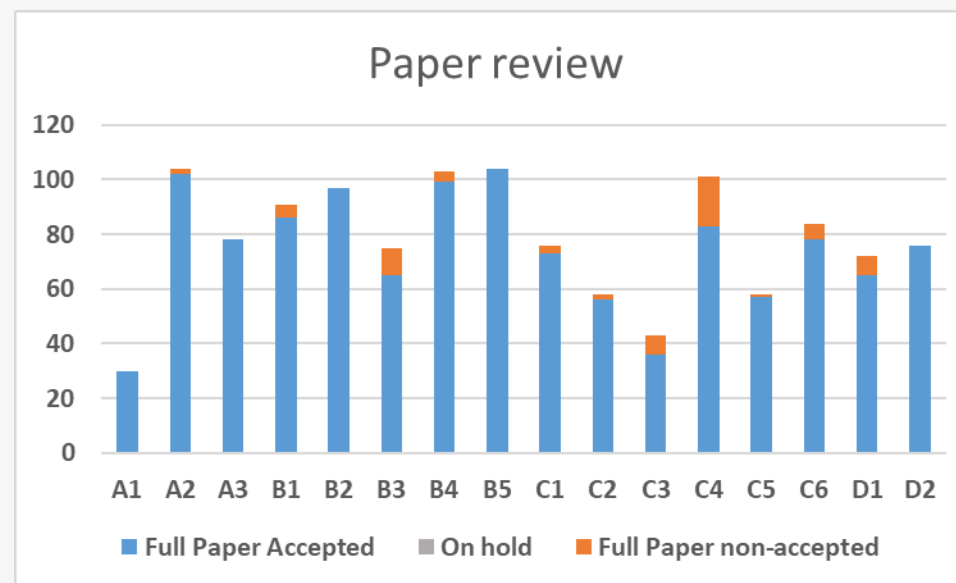
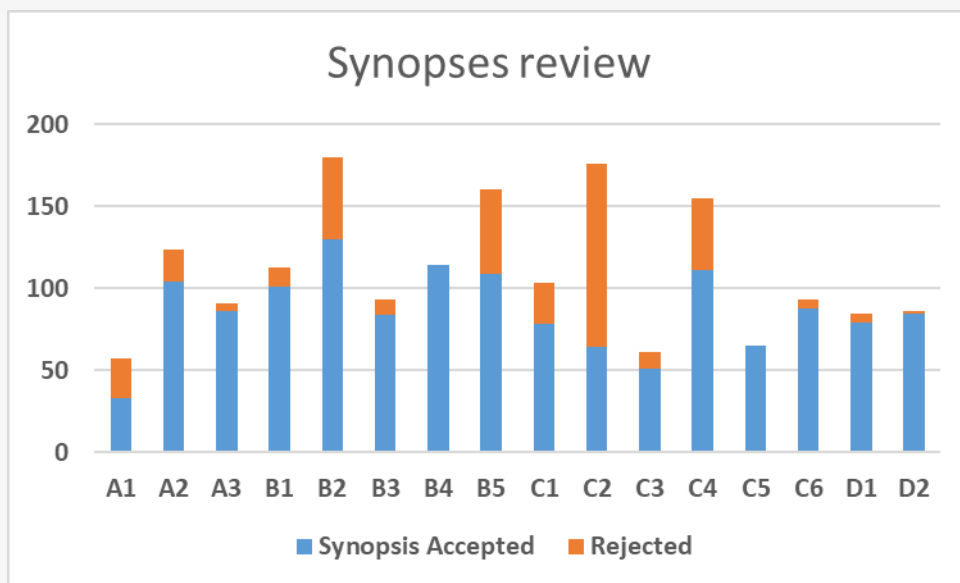
2 – Membership – Gateway performance (3)

- **4127** new equivalent(n) members since 2021
 - **1542** IM1
 - **660** IM2 (young pros)
 - **1709** IM3 (students)
 - **36** CM1
- New members from **132** countries
- From **58** National Committees

132 countries	2021	2022	2023	2024	Cumul
United States (US)	27	166	172	131	496
Germany (DE)	0	96	175	184	455
United Kingdom (GB)	16	115	98	132	361
Brazil (BR)	8	49	72	101	230
France (FR)	0	49	59	81	189
China (CN)	0	0	0	184	184
India (IN)	0	30	55	92	177
Canada (CA)	0	38	75	60	173
Denmark (DK)	11	70	44	44	169
Spain (ES)	0	28	50	36	114
Australia (AU)	0	17	36	41	94
Switzerland (CH)	0	14	31	43	88
Italy (IT)	6	23	1	43	73
South Africa (ZA)	0	24	30	18	72
Saudi Arabia (SA)	0	15	30	24	69

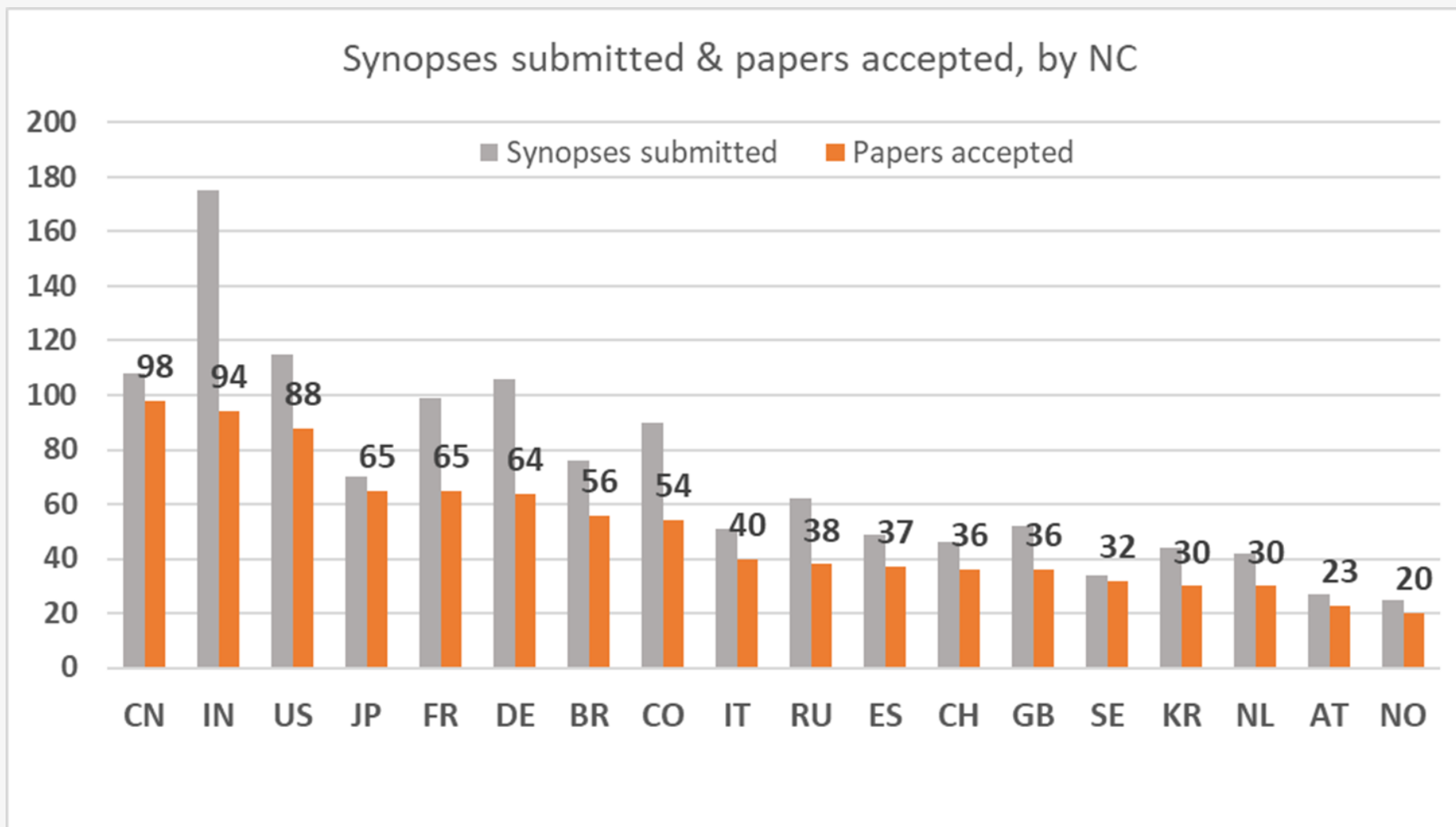
3 – Events – 2024 Paris Session - Papers

Synopses proposed by NCs	1756	
Synopsis Accepted	1382	78,7%
Rejected	374	21,3%
Full Paper Accepted	1185	94,8%
Full Paper non-accepted	65	5,2%

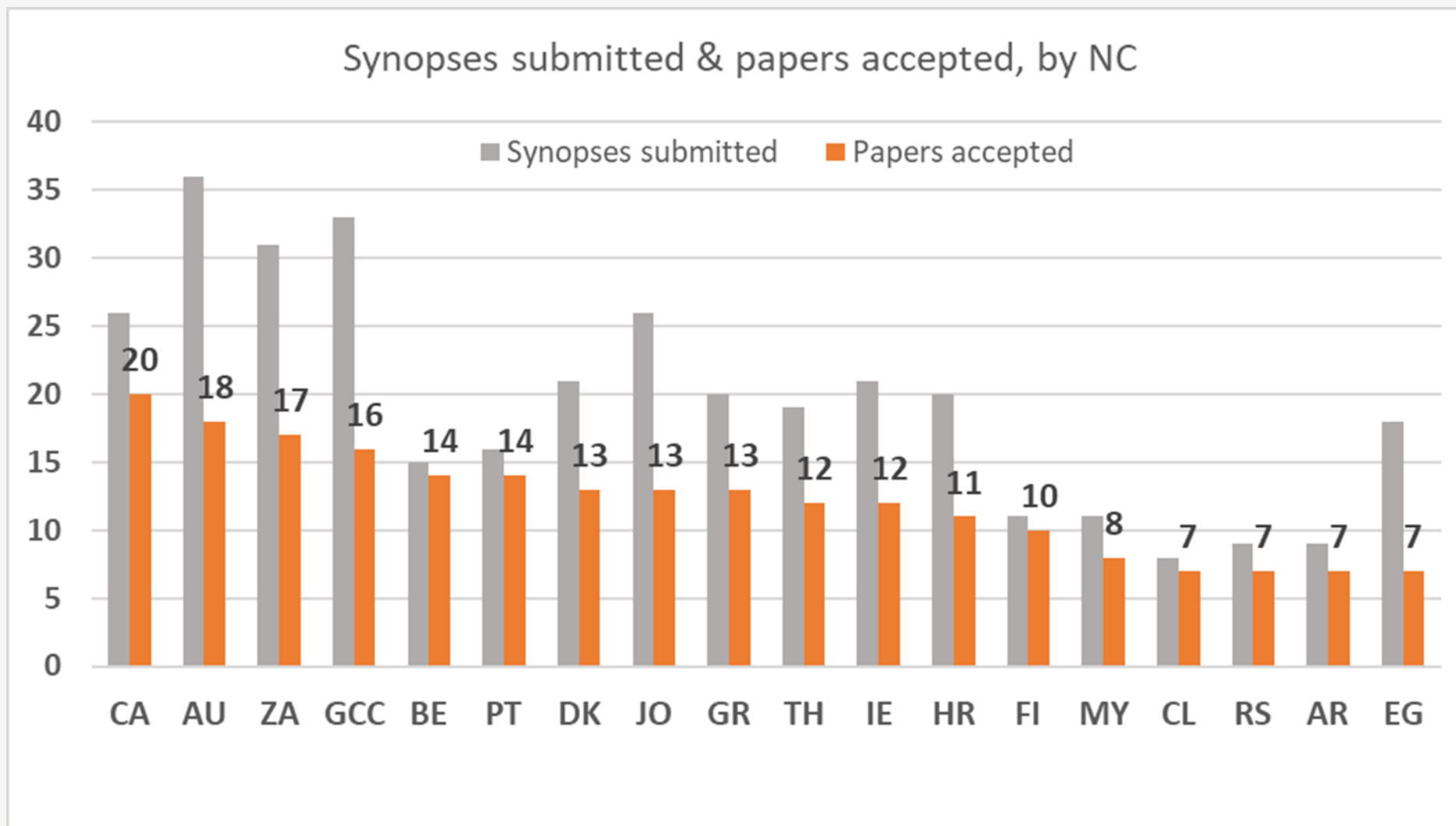


H₂

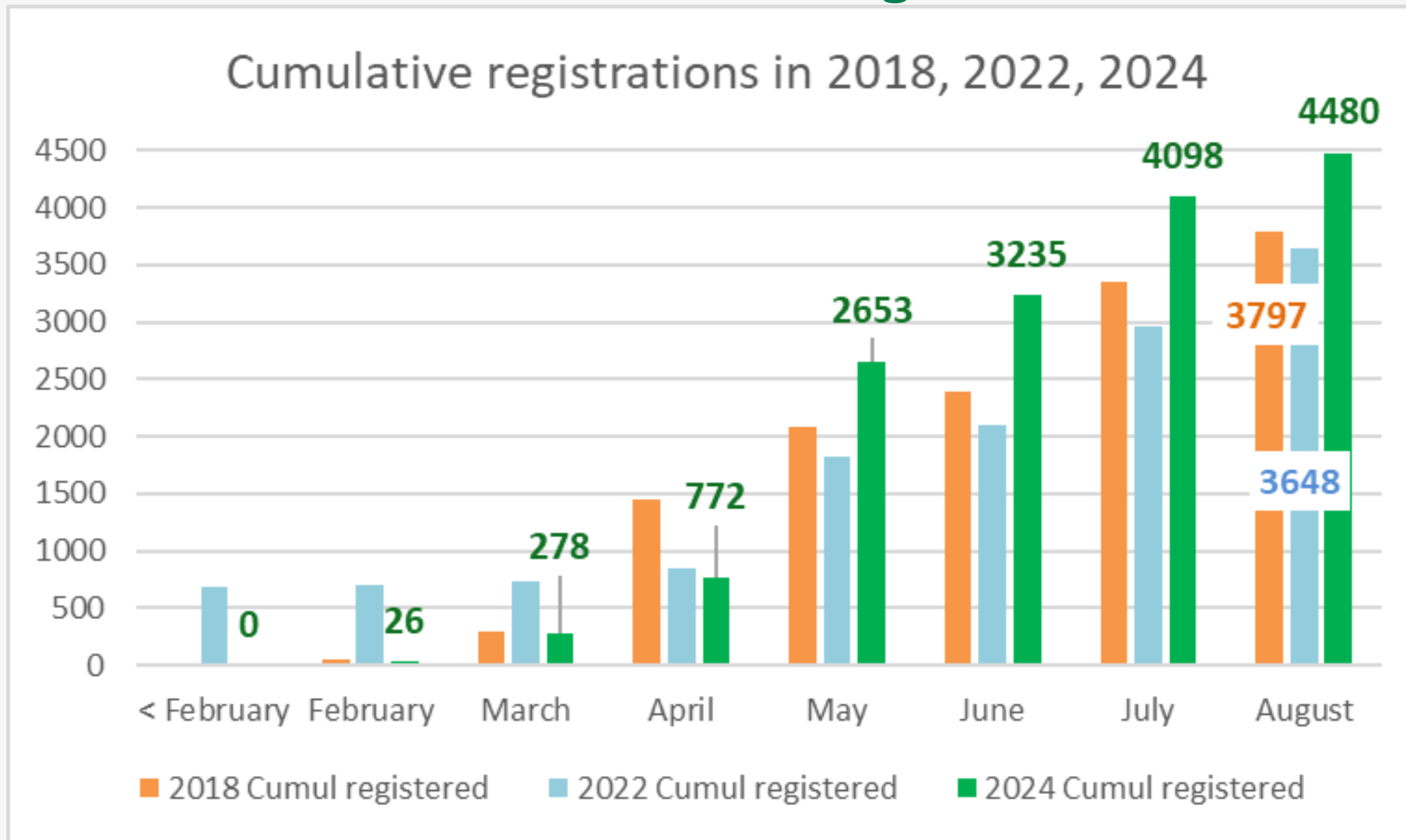
3 – Events – 2024 Paris Session - Papers



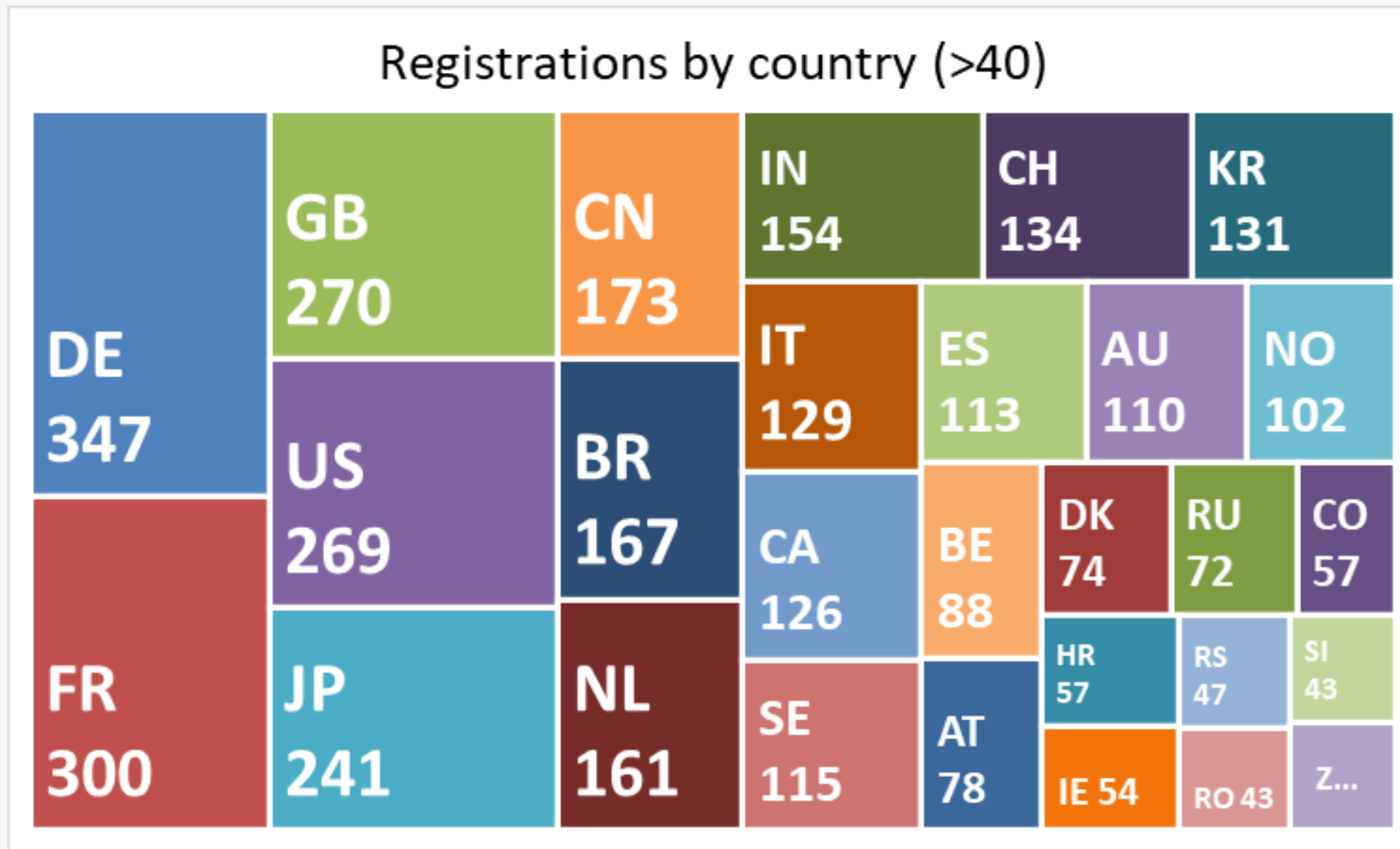
3 – Events – 2024 Paris Session - Papers



3 – Events – 2024 Paris Session - Registrations



3 – Events – 2024 Paris Session - Registrations



10 – Statutory elections on August 27

- For the first time, CIGRE has prepared videos of the interviews of the 3 candidates for President and the 4 candidates for TC Chair. Watch them!



Item 8- Technical Council Report

- Report on 2023/2024 TC activities
- 2024 Paris Session and 2025 Symposia
- 2024/2026 Renewal Study Committee Members
- 2018/2024 Final TC Report
- Highlights from the Africa Project

Administrative Council Meeting, Paris, France

August 24th, 2024

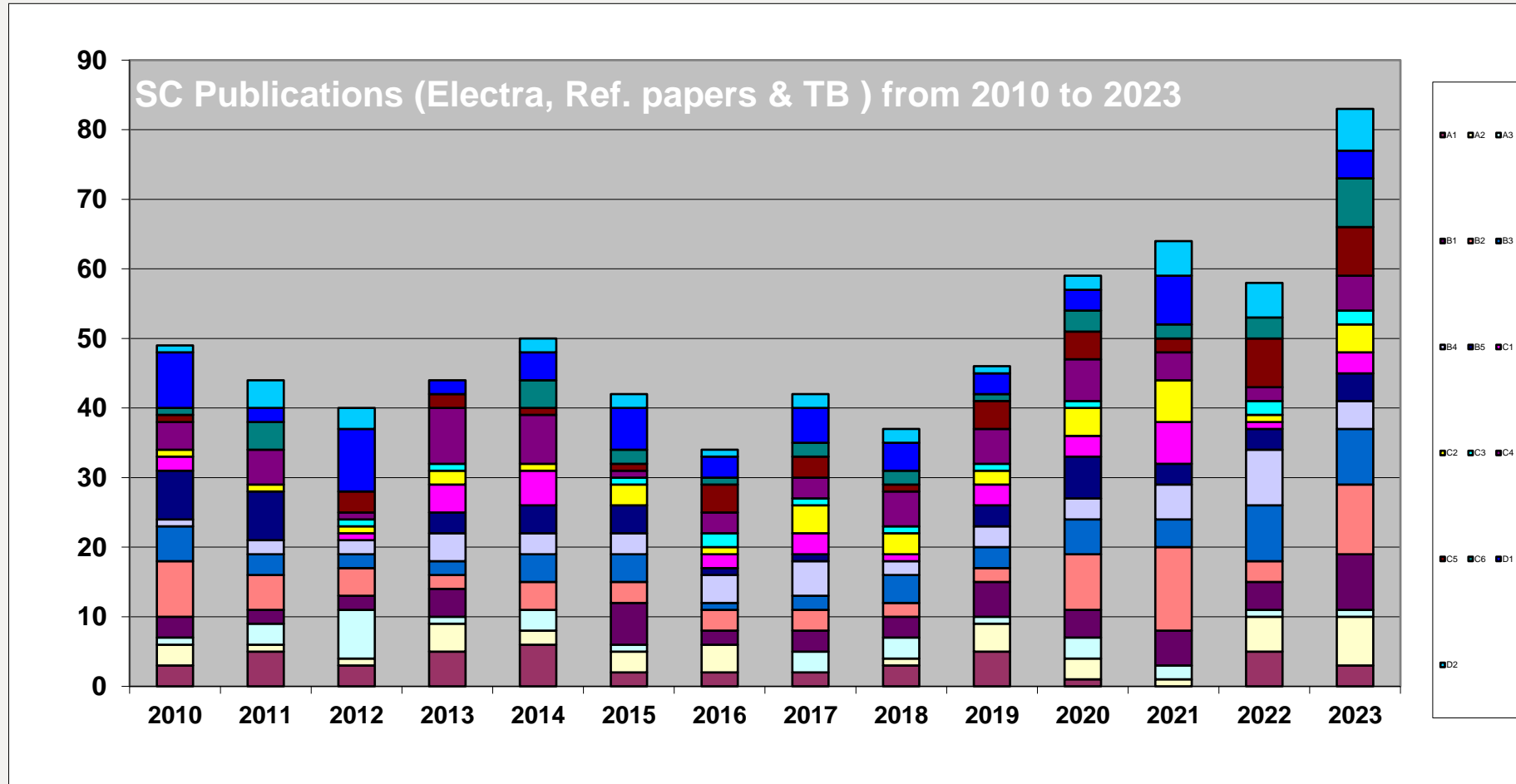
Marcio Szechtman



cigre

For power system expertise

Publications (per SC): Evolution over the years



TC Activities for the 2024 Paris Session

1. Papers for GDMs

Evolution of papers selected reflecting CIGRE's growth

- Paris 2024: 1175 fully accepted papers, 1383 synopsis submitted
- Paris 2022: 797 papers
- Hybrid 2020/2021: 806 papers
- Paris 2018: 580 papers

2. CEO Forum: Electrification of Other Sectors (logic sequence of topics)

Planned Debates:

(i) TRANSITION (25 minutes)

CIGRE's Vision – SC C1
Player's Vision – PPL (USA)

(ii) BUSINESS MODELS (25 minutes)

CIGRE's Vision – SC C5
Player's Vision – ENEL (Italy, Spain)

iii) RISKS (25 minutes)

CIGRE's Vision – SC C2
Player's Vision – GO15 and CMD Grid-India

(iv) WORK FORCE (20 minutes)

Player's Vision – Maschinenfabrik Reinhausen (Germany)
and G&W Electric (USA)

CIGRE Symposia 2025

- Trondheim, Norway on May 12–15, 2025 “CHANGES NEEDED IN THE POWER SYSTEM for the Energy Transition”
- Participating CIGRE Study Committees: A3, B1, B2, B3, B4, B5, C2, C3, C4, C6 and D2.

PS1: Integration of renewable energy resources to the grid

Environmentally friendly power grid and its equipment
New applications and technologies applied to AC and DC onshore and offshore grid
AC and DC onshore and offshore grid
AC grid development, protection of the future meshed AC and DC system
Sector integration including hydrogen, EV, energy hubs, DER
Services/operation applied to AC and DC onshore and offshore grid
Monitoring the system applied to AC and DC onshore and offshore grid
Maintenance and Services applied to AC and DC onshore and offshore grid

PS2: Technologies supporting the power grid for energy transition to carbon neutral energy production

Requirements for power grid and its equipment
Inverter based control interacting with existing system and Converter stability issues (resonance stability, converter driven stability)
Coordination between AC and DC networks
Grid forming
Multivendor interoperability
New modelling tools
Planning and operation of lower inertia system
System analysis (technical)
Black start and resilience aspects including DER integration
Optimize and increase the capacity of the energy transmission network
Reliability and security – critical infrastructure

CIGRE Symposia 2025

- Montreal, Canada on Sep 29, Oct 2, 2025, “Grid Enhancement, Strategic Planning, Technological Innovation and Climatic Adaptation for Resilient Future Energy Systems”
- Participating CIGRE Study Committees: A1, A2,A3, B2, B3, B4, C1, C3, C5, C6; One day for the IEC/CIGRE UHV Conference (SC A1, B2, B3, B4, C4).

PS1: System development, markets, regulation and interconnections

PS2: Application of technologies, Information Technology (IT) and Artificial Intelligence (AI) in Power Systems

PS3: Climatic changes and extreme weather events

UHV & EHV AC and DC

Insulation Coordination for UHV Newly planned UHV Systems

Design of UHV & EHV AC and DC equipment

Factory and field testing of UHV & EHV equipment

Large projects based on UHV & EHV

CIGRE's Main Technical Organization:



A1 Power Generation and Electromechanical Energy
A2 Power Transformers and Reactors
A3 Transmission & Distribution Equipment

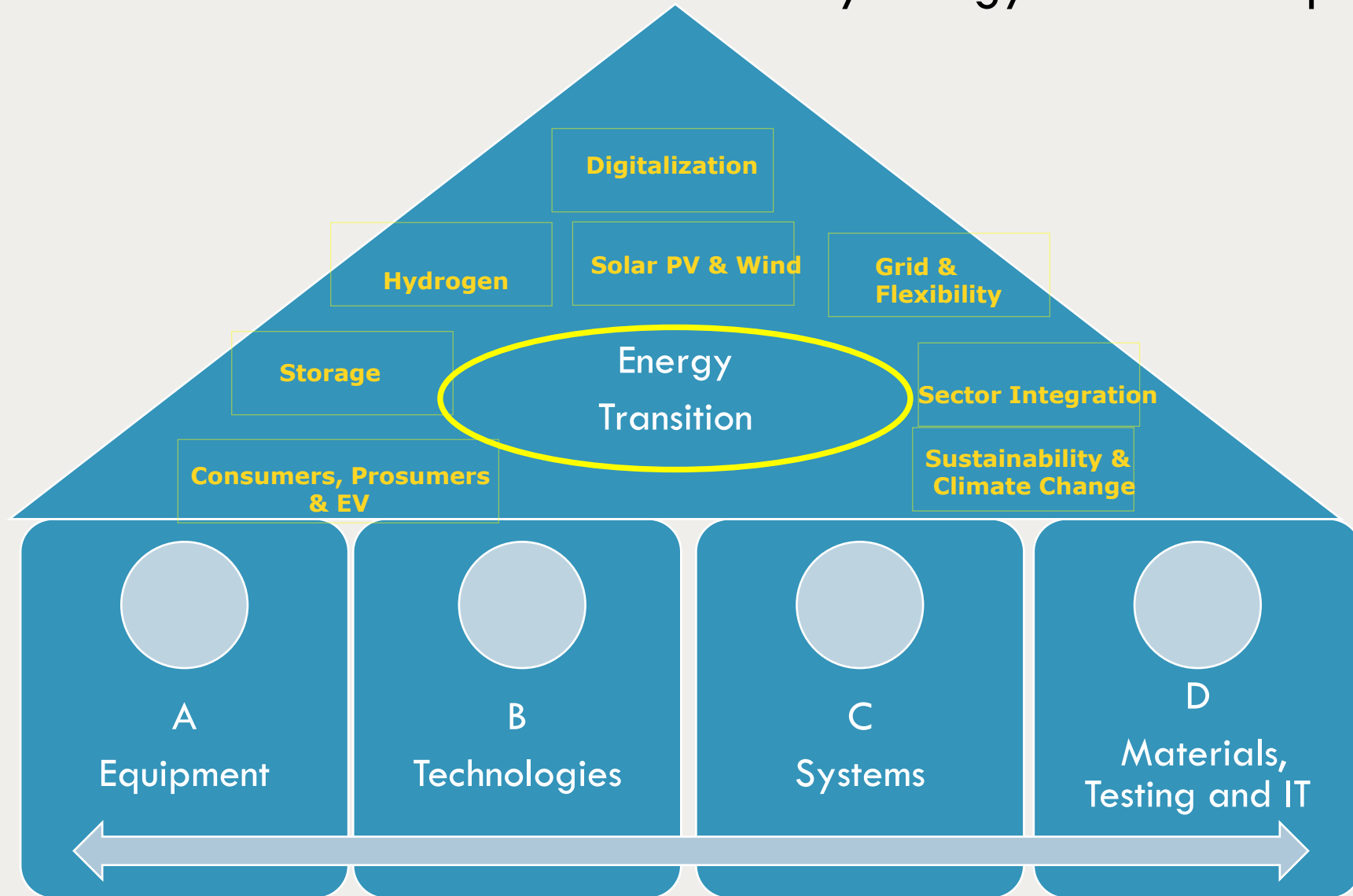
B1 Insulated cables
B2 Overhead lines
B3 Substations and electrical installations
B4 Dc systems and power electronics
B5 Protection and automation

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

D1 Materials And Emerging Test Techniques
D2 Information Systems And Telecommunication




CIGRE's Enhanced "House" with the inclusion of Key Energy Transition Topics



The Entrance Doors : Two modes of identification now: 1. Through SCs; 2. Through Energy Transition topics



	Digitalisation VIEW		Solar PV and Wind VIEW
	Storage VIEW		Hydrogen VIEW
	Grids and Flexibility VIEW		Consumers, Prosumers and Electric Vehicles VIEW
	Sustainability and Climate VIEW		Sector Integration VIEW

SC	Members 2022-2024	Statut	Nom.	Proposed for 2024-2026	Statut	Nom.
A1	MJATOVIC Nenad nm@elektro.dtu.dk	Observer	2018			
A2	OLESEN Thomas H thole@orsted.dk	Observer	2020	OLESEN Thomas H thole@orsted.dk	Regular	2020
B1	CHRISTENSEN Per perch@orsted.dk	Regular	2018	OLSEN Rasmus Aabye raon@ramboll.com	Regular	2024
B3	CLAUSEN Johannes Stentoft jsc@energinet.dk	Regular	2022	SCHØNBERG Jacob jasc@energinet.dk	Regular	2024
B4	DA SILVA Filipe Faria ffs@et.aau.dk	Regular	2022	DA SILVA Filipe Faria ffs@et.aau.dk	Regular	2022
B5	LIND Lasse lli@energinet.dk	Observer	2020	LIND Lasse lli@energinet.dk	Observer	2020
C1	BRENDSTRUP Bjarné bjb@energinet.dk	Regular	2022	BRENDSTRUP Bjarné bjb@energinet.dk	Regular	2022
C2	CHATZIVASILEIADIS Spyros spchatz@elektro.dtu.dk	Observer	2022	CHATZIVASILEIADIS Spyros spchatz@elektro.dtu.dk	Observer	2022
C4	KOCEWIAK Lukasz lukko@orsted.com	Regular	2022	SKOVGAARD Chris Liberty csh@energinet.dk	Regular	2024
C5	KAZEMPOUR Jalal seykaz@elektro.dtu.dk	Regular	2022	KAZEMPOUR Jalal seykaz@elektro.dtu.dk	Regular	2022
C6	TRÆHOLT Chresten ctra@elektro.dtu.dk	Regular	2022	TRÆHOLT Chresten ctra@elektro.dtu.dk	Regular	2022
D1	BAK Claus Leth clb@et.aau.dk	Observer	2022	BAK Claus Leth clb@et.aau.dk	Observer	2022

CIGRÉ's Danske Nationalkomité
Budget 2023

Budget 2023

Indtægter

Kontingent, kollektive medlemmer	kr.	144.000,00
Kontingent, personlige	kr.	63.600,00
Indtægter i alt	kr.	207.600,00

Udgifter

Kontorhold/sekr. assistance	kr.	45.000,00
IT (hjemmeside)	kr.	1.000,00
Fakturering, Post Nord scanning	kr.	1.500,00
Bankgebyrer	kr.	1.000,00
Rente Spar Nord	kr.	3.000,00
Kontingenter, til Central Office	kr.	104.700,00
New Generation Network, tilskud efter begrundet ansøgning	kr.	30.000,00
Kontingenter betalt til Central Office, betalt af CIGRE NC for en række selskaber/personer	kr.	20.000,00
Award til dansk Master/PhD projekt (rejsetilskud)	kr.	15.000,00
Udgifter i alt	kr.	221.200,00
Årets resultat	kr.	- 13.600,00

CIGRÉ's Danske Nationalkomité
Arsregnskab 2023

Resultatopgørelse 2023

Indtægter

Kontingent, kollektive medlemmer	kr.	179.774,20
Kontingent, personlige	kr.	55.498,80
Rente Spar Nord		1.171,50
Indtægter i alt	kr.	236.444,50

Udgifter

Kontorhold/sekr. Assistance 2022	kr.	42.061,91
IT (hjemmeside)	kr.	1.321,00
Fakturering, Post Nord scanning	kr.	480,25
Bankgebyrer	kr.	2.011,00
Rente Spar Nord	kr.	-
Kontingenter, til Central Office	kr.	116.563,33
New Generation Network, tilskud efter begrundet ansøgning	kr.	-
Kontingenter betalt til Central Office, betalt af CIGRE NC for en række selskaber/personer	kr.	-
Award til dansk Master/PhD projekt (rejsetilskud)	kr.	-
NRCC event i Aalborg	kr.	5.767,00
Netbank abonnement	kr.	1.500,00
NGN gave	kr.	509,25
Kørsel generalforsamling	kr.	962,00
Udgifter i alt	kr.	171.175,74
Årets resultat	kr.	65.268,76

Digitally signed by Peter Weirich-Jensen
DN: cn=Peter Weirich-Jensen, c=DK,
o=Siemens Energy A/S //
C:/R40664904, email=peter.weirich-
jensen@siemens-energy.com
Date: 2024.09.04 11:40:36 +0200

Balance pr. 31. december 2023
Fremskrivning til 31. december 2024

Balance pr. 31 december 2023

Aktiver

Bankbeholdning pr. 31. december 2023 kr. 1.029.822,99

Aktiver i alt

kr. 1.029.822,99

Passiver

Udestående betaling af medlemsskaber til Central office kr. 12.800,00

Udestående kontorhold 2023? kr. -

Egenkapital primo 1. januar 2023 kr. 951.754,23

Årets resultat kr. 65.268,76

Egenkapital i alt kr. 1.017.022,99

Passiver i alt

kr. 1.029.822,99

Peter Weinreich
Digitally signed by Peter Weinreich-
Jensen
DN: cn=Peter Weinreich-Jensen, o=DK,
ou=Siemens Energy A/S //
CVR=40094604, email=peter.weinreich-
jensen@siemens-energy.com
Date: 2024.09.04 11:43:13 +0200

Fremskrivning til 31. december 2025

Årets resultat 2023	kr.	65.268,76
Egenkapital i alt, ultimo 2023	kr.	1.017.022,99
Budgetteret resultat 2024	kr.	- 3.600,00
Fremskrevet budgetteret egenkapital ultimo 2024	kr.	1.013.422,99
Budgetteret resultat 2025	kr.	15.000,00
Fremskrevet budgetteret egenkapital ultimo 2025	kr.	1.028.422,99

Budget 2025