

Next Generation Network (NGN) Update

CIGRE e-Session 2020

Friday, 28 August 2020

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For power system expertise

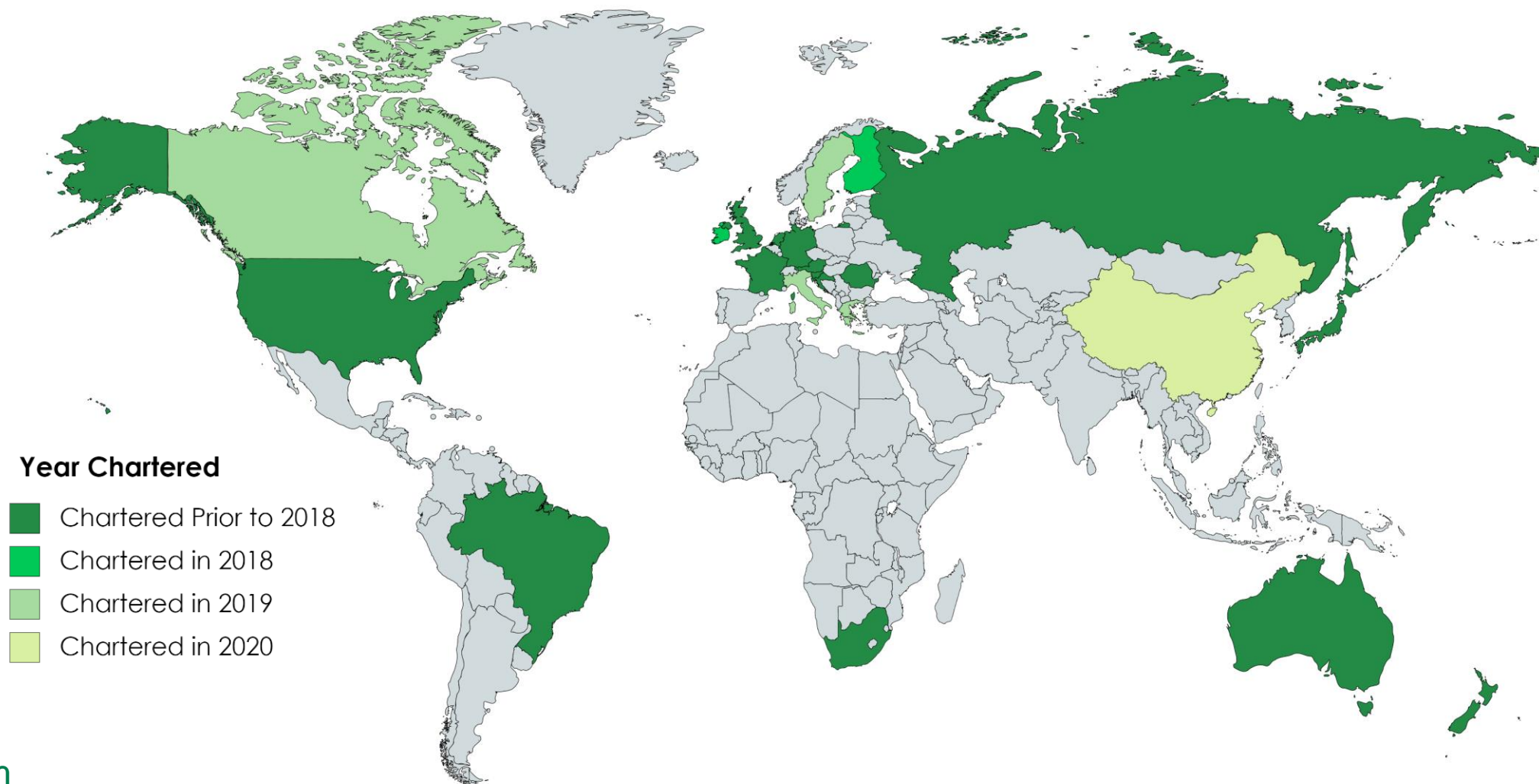
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Current NGN Groups

1. Australia
2. Austria
3. Brazil
4. Canada
5. China
6. Croatia
7. Finland
8. France
9. Germany
10. Greece
11. Ireland
12. Italy
13. Japan
14. Netherlands
15. New Zealand
16. Romania
17. Russia
18. Slovenia
19. South Africa
20. Sweden
21. United Kingdom
22. United States

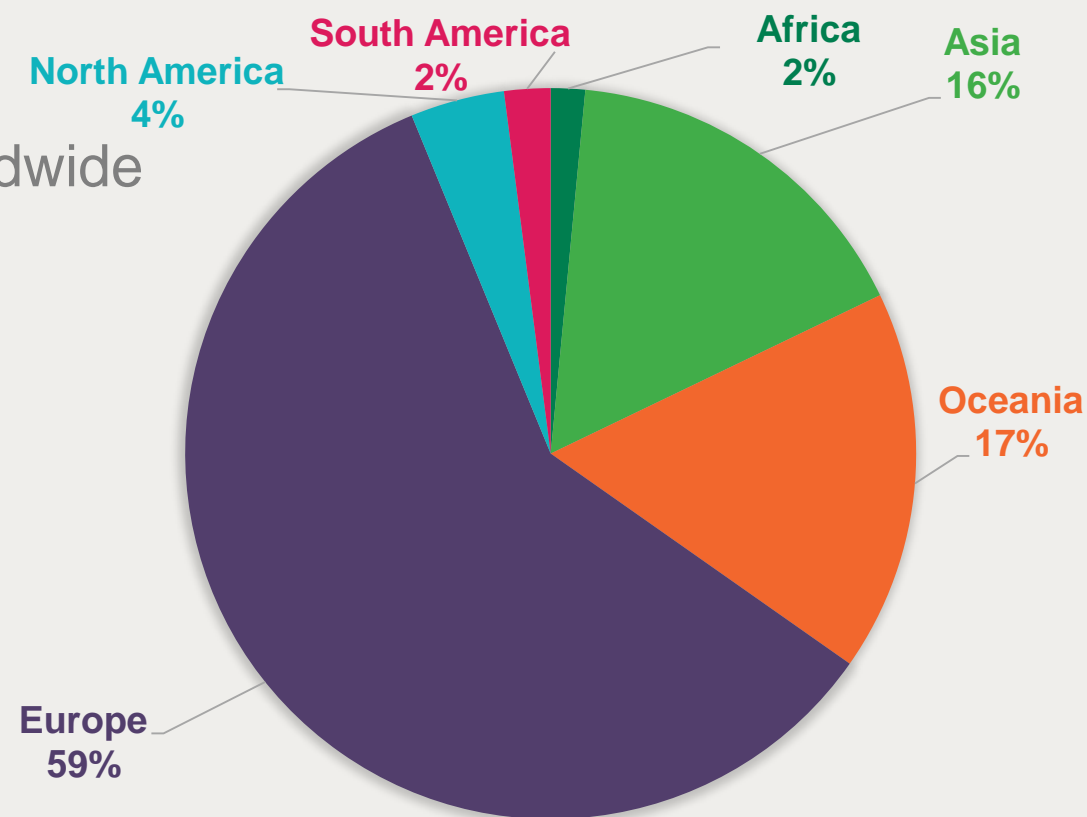
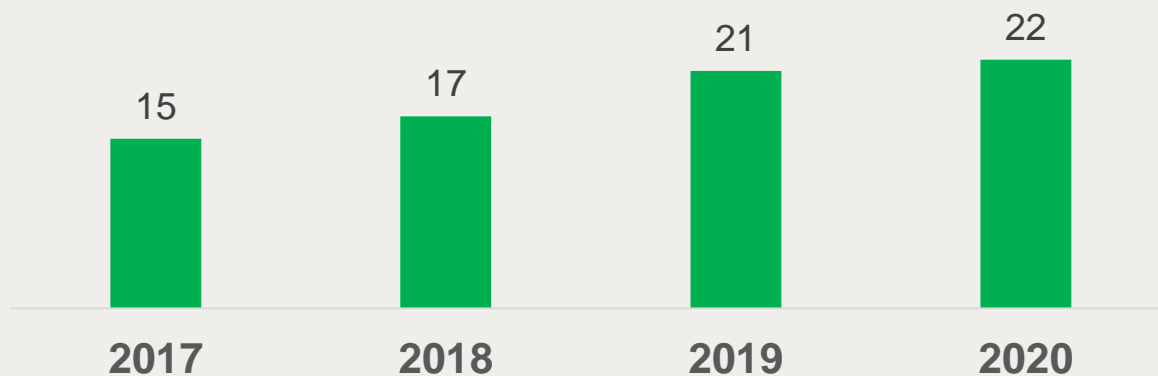


NGN Statistics

- Current NGN Membership*

➤ Approximately 1.350 NGN members worldwide

- Growth of NGN Groups



*Based on 2019 NC Activity Reports and NGN group self-reports

Next Generation Network Presentation Showcase

Background:

- Initially proposed by UK NGN with support from a number of other NGN groups in 2015
- Approved by CIGRE Central Office with the first showcase successfully held during the 2016 Paris Session

Motivation:

- Platform for young professionals to showcase their work to an international CIGRE audience
- Networking opportunities for international NGN members
- Enhancing collaboration of among international NGN groups
- Driving sustainable CIGRE membership

Next Generation Network Presentation Showcase

Rules:

- Each country/NC can submit up to 4 nominations, max 1 per Study Committee
- Each NC is responsible for quality of content and presentation skills of nominees
- Presentations must align with a Paris preferential subject
- Presentations must not be based on a paper already submitted/accepted at the Paris Session
- Requested that each SC Chair accept up to 2 presentations

Selected Candidates Receive:

- 10 minute slot at discussion session in Paris, for the respective Study Committee
- Space at poster session in Paris, for the respective Study Committee
- Free Paris Session ticket

Next Generation Network Presentation Showcase

Timeline

- December (the year before the Paris Session):
 - **Invitation sent to all National Committees (NCs)**
- February (Paris Session year):
 - **NCs submit up to 4 nominations**
 - **Study Committee (SC) Chairs review nominations**
 - **2 slots available for each SC**
- March (Paris Session year):
 - **SC Chairs return decisions**
- August (Paris Session year):
 - **Present in SC Discussion Sessions and Poster Sessions**

2020 Results

-
- A world map illustrating the distribution of the genus *Equisetum*. The map uses a color scheme where green indicates the presence of the genus and grey indicates its absence. Green areas include North America (Alaska, Canada, and the United States), Europe (including the British Isles and Scandinavia), Russia, Australia, and parts of South America (primarily Brazil and Chile) and Africa (southern regions). Grey areas include South America (Argentina, Peru, Colombia, Venezuela, and the Guianas), Africa (northern and central regions), and parts of Asia (including China, India, and Southeast Asia) and Europe (northern and central regions). The map also shows Greenland, Iceland, and various islands in the North Atlantic and the Pacific.

Created with mapchart.net ©

NGN Presentation Showcase

2020 Digital e-Session & 2021 Centennial Session

- All 33 NGN presentations are part of the 2020 digital e-session
- At least 1 NGN presentation was selected by each Study Committee
- Participation in 2021 Centennial Session:
 - **Study Committee Poster Sessions**
 - **NGN Presentation Showcase Competition**
 - To take place on the Monday of the Centennial Session in conjunction with the NGN Forum
- Additional presentations will be accepted for the 2021 Centennial Session related to Covid-19

NGN Significant Contribution Awards

- Award is intended to recognize outstanding contributions of NGN members to a Working Group, Study Committee, National Committee NGN group, or international NGN activities.
- First awarded in 2020
- Maximum of 5 awards every two years
- Nominations can come from the nominee's National Committee President or Study Committee Chair
 - Encouraged to confer with Working Group Chairs, NGN Chairs and other individuals that work closely with NGN members to solicit nominations
- An additional 5 awards will be given during the 2021 Centennial Session
 - Nominations will open in the fall of 2020

NGN Significant Contribution Awards

Congratulations to 2020 Award Winners!

- Stefanie CRAY (Germany)
- Stanislav EROSHENKO (The Russian Federation)
- Andreas KUBIS (Germany)
- Tara-Lee McARTHUR (Australia)
- Amanda OLSON (The United States of America)

NGN International Executive Committee

Purpose:

- To be the official organizational body to help coordinate and lead all international NGN activities throughout CIGRE. The body will act as the official contact between the CIGRE Steering Committee, the Study Committees (SCs) and the National Committee (NC) NGN groups.

Structure:

- The committee will be comprised of a Chair, Vice-Chair and up to two representatives from each NC NGN group.
- The Chair will serve as the liaison between the NGN International Executive Committee and the CIGRE Steering Committee and will represent the NGN in a non-voting seat on the CIGRE Steering Committee.
- The term length for the Chair and Vice-Chair positions will be two years and will begin and end at the conclusion of each even-year Paris Session.

NGN International Executive Committee Timeline

- Guidelines approved during May 2020 Steering Committee Meeting
- Election held for Chair and Vice-Chair positions by online ballot in July 2020
- 2020 Election Results:
 - Chair: Stefanie CRAY (Germany)
 - Vice-Chair: Stanislav EROSHENKO (The Russian Federation)
- First conference call will take place on September 23rd



Introduction NGN International Executive Committee Chair and Vice-Chair

Stefie Cray and Stanislav Eroshenko



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For power system expertise

CHAIR

Stefie CRAY



stefanie.cray@ps.rolls-royce.com

VICE-CHAIR

Stanislav EROSHENKO



s.a.eroshenko@urfu.ru

CHAIR

Stefie CRAY



stefanie.cray@ps.rolls-royce.com

5 Facts:

- Chair UK NGN 2016-2018
- Drove initial implementation of NGN Presentation Showcase for 2016 Session
- Current member of CIGRE Germany NGN (Young Energy Net)
- Member of 2 CIGRE Working Groups (B1.56 and B3.41)
- Submitted 2 papers to CIGRE Paris 2020

VICE-CHAIR

Stanislav EROSHENKO



s.a.eroshenko@urfu.ru

5 Facts:

- Coordinator of NGN Russia events
- CIGRE SC C3 „Power system environmental performance“
Observer, Active participant of C6 and D2 SCs
- The winner of Russian National Committee activity monitoring, 1st place among the Individual Members
- Author of 3 CIGRE Session papers
- Member of 2 international (SC C3) and 3 national working groups (D2, C6)

Development of a collaborative International NGN Roadmap

Our strategy 2020-2022



3 Pillars



Individual trajectory

- Supporting individuals in getting involved in and being successful in CIGRE
- Ensuring our offering for both Young Professionals and Students is fit for purpose



Community trajectory

- Streamlined collaboration between NGN groups
- Clearly defined strategy and goals
- Alignment with CIGRE Steering Committee



Marketing & Communications

- Marketing & Comms strategy with clear messages
- Management of website and social media platforms
- Development of marketing material

Next NGN IEC teleconference on Sept. 23rd – get in touch if your country is not already involved – we'd love to hear from you!

NGN International Exec Committee Goals 2020-2022



NGN
Roadmap

Improved
collaboration

Bimonthly
NGN IEC
meetings

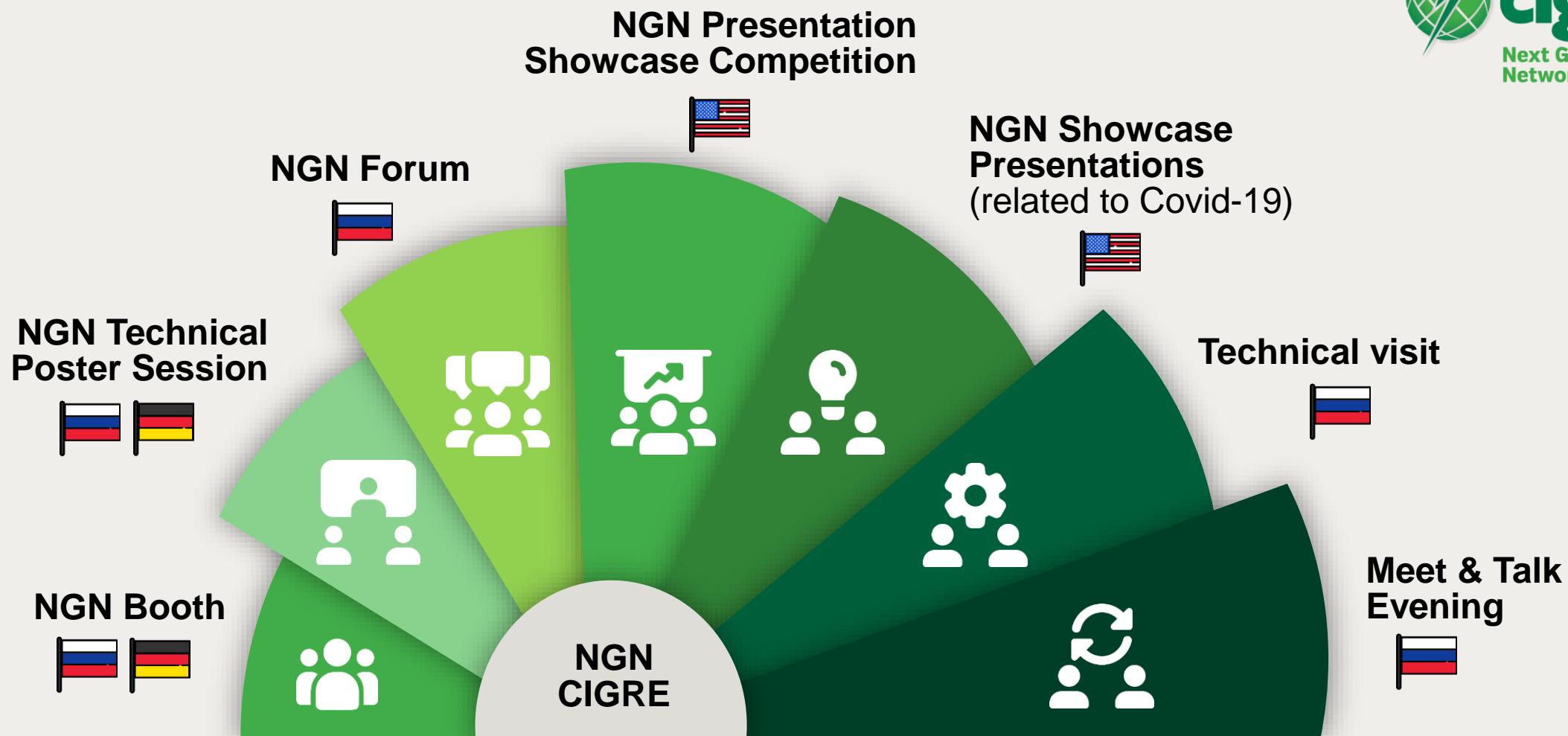
NGN Growth

*Clearly defined
strategy and goals*

*Great communication
and sharing of tasks
between international
NGN groups*

*Bimonthly reporting of
activities & membership
statistics
Individually defined goals
for each country*

*Grow number of NGN
groups from 22 to 28 (+25%)
Grow membership numbers*



NGN Activities at 2021 Paris Centennial Session

CIGRE Session NGN Forum 2021

Russia is the main coordinator of NGN Forum 2021



NGN Booth



«Dialogue as Equals» - meeting with industrial companies' managers



«Atlas of future Power & Energy professions»

NGN Forum



«Your opportunities – our countries»



Expectation of NGN from CIGRE community



«Leading global HEIs in Power & Energy education»

Thank You for Listening

Any Questions?



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Next NGN IEC teleconference on Sept. 23rd – get in touch if your country is not already involved – we'd love to hear from you!