

Minutes of Meeting: CIGRE Young Member Chairperson Meeting on 21-01-2013

Chair/Keeper of the Minutes:	Published on
Andreas Kubis (Young EnergyNet, Germany) yen@teamic.de +49 231 9700 988	28. January 2013

Participants	Missing
Chusovitin, Pavel (RUS) Gofman, Andrej V. (RUS) Gunatilake, Aruna (UK) Hoffmann, Mathias (GER) Kubis, Andreas (GER) Mac Leod, Jason (USA) Stewart, Rebecca (NZ)	Ma, Jing (China) – no response
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Attachments
Presentation Slides
1) Agenda Slights and Review CIGRE Session 2012
2) Introduction and Status Updates
a. Young EnergyNet
b. CIGRE NGN UK
c. CIGRE NGN USA
d. CIGRE NGN NZ

1 Review of CIGRE Session 2012

Andreas Kubis reviews the Young Member activities of CIGRE Session 2012 in Paris. Besides the Young Member events and facilities, which were very well organized by CIGRE NGN UK, Andreas emphasizes the fruitful discussions between CIGRE Young Member Groups from all around the world. The attending Chairpersons made three agreements at the Session:

- YM Group chairpersons establish regular phone conferences at least every 3 months (rotating organisation).
- A generic starter packet for NCs interested in funding a member group will be designed in an international team.
- CIGRE YM groups will jointly formulate a proposal about funding the international YM Steering Committee.

This web-meeting is based on the agreements shown above and is the first step to succeed the mentioned targets.

2 Introduction Round and Updates

2.1 *Young EnergyNet*

See attachment

2.2 *CIGRE NGN UK*

See attachment

Aruna points out, that NGN UK provides a Linked In group for global CIGRE Young Members. He cordially invites us to join this group.

Furthermore, it is proposed to create a global Facebook group.

2.3 *RNC CIGRE Youth Section Russia*

Unfortunately, Andrej Gofman's microphone does not work due to technical reasons. Nevertheless, Andrej gave us some information about the Russian group in the chat (see chat-history below)

Andrey Gofman: (20:14) Sorry? some technical problems with my microphone

Andrey Gofman: (20:17) Some information about RNC CIGRE Youth section available in internet:

www.cigrpэ.рф

Andrey Gofman: (20:18) Now only russian version, later will be English version

Andrey Gofman: (20:24) Some words about Russian NGN.

Rebecca S: (20:25) Fantastic idea!

Andrey Gofman: (20:26) RNC CIGRE Youth Section is a special programme for the students, and post-graduate students and young scientists studying electric engineering.

Andrey Gofman: (20:26) Last summer it was just a project.

Andrey Gofman: (20:27) Now 8 Russian federal state Universities involved in the program.

Andrey Gofman: (20:27) RNC CIGRE has the agreements with them.

Andrey Gofman: (20:28) Main objectives of the agreements are:

Andrey Gofman: (20:28) - to involve students, post-graduates and young scientists into the RNC CIGRE activity as new members of the Committee; - to provide electric engineering chairs of Russian technical schools with information on state and trends in development of the foreign power system, on the re-

sults of CIGRE scientific research and studies; - to enhance the interest of young scientists in the CIGRE activity.

Andrey Gofman: (20:29) At present Russian NGN (Youth section) counts over 300 students

Andrey Gofman: (20:30) The programme is expected to join the efforts of industry entities, technical schools, scientific-research institutes and social organizations in educating young specialists in electric engineering.

Andrey Gofman: (20:30) Next step of the program - problem-oriented project work.

Andrey Gofman: (20:31) It will normally be carried out in collaboration with an industrial partner,

Andrey Gofman: (20:33) the Federal grid company & the system operator, assuming the character of industrial research or development work.

Andrey Gofman: (20:33) Thank you

Andrey Gofman: (20:35) My skype: Anrew1977

Andrey Gofman: (20:39) Nice idea!

Andrey Gofman: (21:00) Video about Russian NGN available at:

http://www.youtube.com/watch?feature=player_embedded&v=5risPGOPU2w

2.4 CIGRE NGN USA

See attachment

2.5 CIGRE NGN NZ

See attachment

3 Future Cooperation

3.1 CIGRE YMG Recommendations for founding YMGs – Best Practice Guide

The existing CIGRE Young Member Groups are still under development and face various challenges. These challenges vary from group to group due to different national, geographical and cultural backgrounds. Therefore, it is very hard to elaborate a “Step-by-Step Guide” for new groups because the described roles may not fit for the dedicated groups. Instead, it is agreed that most value will be created, if every Young Member Group prepares a detailed report about the foundation phase and ways of overcoming challenges. It is concluded, that this reports will be merged into one “Best-Practice and Experience Guide” which will give assistance to new groups. This guide will be presented and distributed at CIGRE Session 2014.

3.2 CIGRE Young Member Newsletter

It is agreed to initiate a „CIGRE Young Member Global” Newsletter for all CIGRE Young Members all around the world. NGN UK will provide the first issue. CIGRE NGN will contact each member group in order to submit and propose news for this newsletter. It is recommended to provide national information as well. NGN assumes to be able to publish the first issue in March. Andreas will provide a short summary of this meeting for the newsletter.

3.3 CIGRE Young Member Activities at Session 2014

Young EnergyNet leads the organization for Young Member Activities at CIGRE Session 2014. Every group is invited to make suggestions and proposals for events, field-trips or other facilities related to YM activities at the session.

4 Next Meeting

The next meeting will be chaired by RNC CIGRE Youth Section (Russia) in April.

5 Actions

Group	Task	Status Report	Completion
UK	Provides 1 st CIGRE YM global newsletter	Next Meeting	March
GER	Organizing CIGRE Session 2014	Next Meeting	Session 2014
UK	Preparing Experience Guide	Next Meeting	Session 2014
NZ	Preparing Experience Guide	Next Meeting	Session 2014
GER	Preparing Experience Guide	Next Meeting	Session 2014
RUS	Preparing Experience Guide	Next Meeting	Session 2014
USA	Preparing Experience Guide	Next Meeting	Session 2014
RUS	Organizing and Chairing next meeting		

1st CIGRE Young Member Group Chairpersons Meeting

21st of January 2013



Agenda

- Review of CIGRE Session 2012 (10 min incl. Discussion)
- Introduction Round and Updates (50 min)
 - Young EnergyNet
 - CIGRE NGN UK
 - CIGRE NGN Russia
 - CIGRE NGN US
 - CIGRE NGN NZ
- Future Cooperation (60 min)
 - CIGRE YMG Recommendations for founding a YMG – Best Practice Guide
 - CIGRE Young Member Newsletter
 - Young Member Activities at Session 2014
- Next Meeting

CIGRE Session 2012

- Young Member Activities
 - Young Member Stand
 - Young Member Forum
 - Field Trip (RTE)
- Young Member Stand was very suitable for getting in touch with CIGRE Young Members from all over the world!



CIGRE Session 2012

- Field Trip RTE



Yasir Siraj, Angeliki Kavvalaki, Aruna Gunatilake: Events Coordinators

CIGRE Session 2012

- Detailed Review including Feedback, Photos, Posters, Flyers, Adverts and much more, available at:

<http://uk.cigre.org/NGN/Sessions/2012>

Wishlist to CIGRE - #2

- Currently, CIGRE covers 6 Young Member Groups
- Additional Groups are considered to be founded all around the world



Wishlist to CIGRE - #2

- More than 600 CIGRE Young Members
- Coordination and information sharing between all YM groups is a challenging task for each group and highly correlated on personal network
- Setting up a new group is challenging and needs the support of the NCs and other YM groups
- Relatively new YM groups might fail due to the unavailability of one person (loss of knowledge and contacts)

It's time for the next step!

- Solution Approach:
 - Regular Meeting of YM Group Chairs
 - Responsible for issues every YM group faces
 - Election of a **CIGRE Young Members Chairman**
 - CIGRE Young Members Chair should be invited to attend CIGRE Steering Committee meetings

Chairpersons Kick-Off Meeting

Agreements concluded:

- YM Group chairpersons establish regular phone conferences at least every 3 months (rotating organisation).
- A generic starter packet for NCs interested in funding a member group will be designed in an international team.
- CIGRE YM groups will jointly formulate a proposal about funding the international YM Steering Committee. YEN will provide the first draft.

Outlook

CIGRE Session 2014

- Responsibility: Young EnergyNet

- Young Member Forum
 - Contact Francois
- Young Member Field Trip
 - Any Suggestions?
- Young Member Stand
 - Poster
 - Imagefilm



Young Energy Net (YEN)

Andreas Kubis

Andreas.Kubis@tu-dortmund.de





Public Relations

Ing. Mathias Hoffmann, B.Eng.

Engineer,

Generator Electrical & Thermal Design

Alstom Power GmbH



Cooperation Manager

Ing. Andreas Kubis, M.Sc.

Research Associate

TU Dortmund University



Mentoring

Martin Aichriedler

Student

TU München

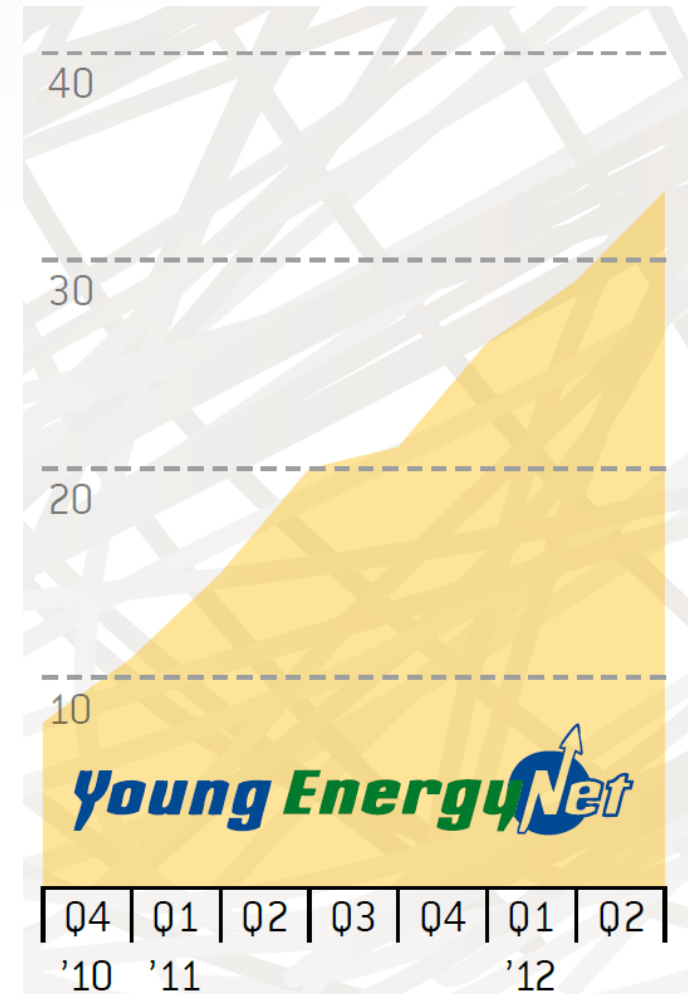
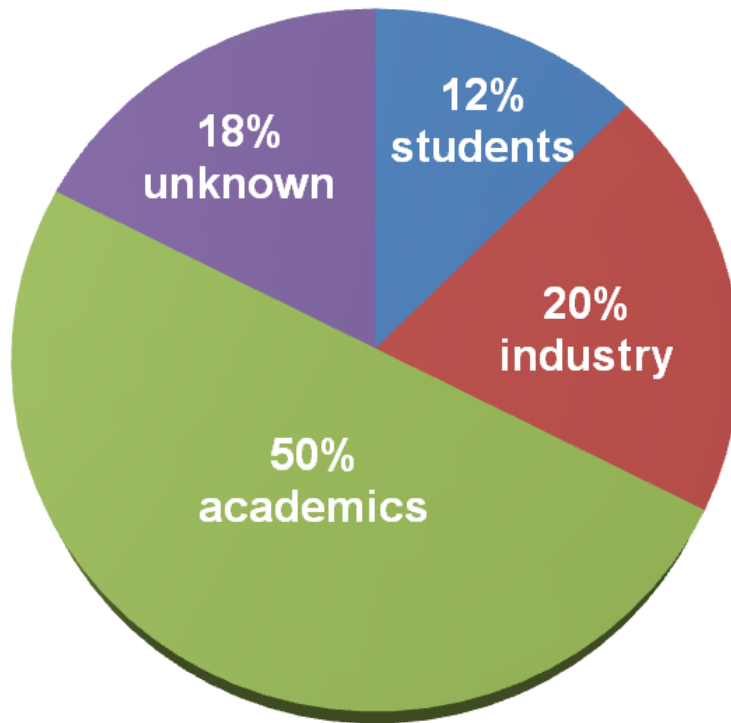
Formation

- Joint Venture of DK CIGRE and VDE Young Net
- CIGRE was nearly completely unknown to graduates and students - at this time
- officially launched in 09 / 2010 with 8 members



Memberships

- Member background



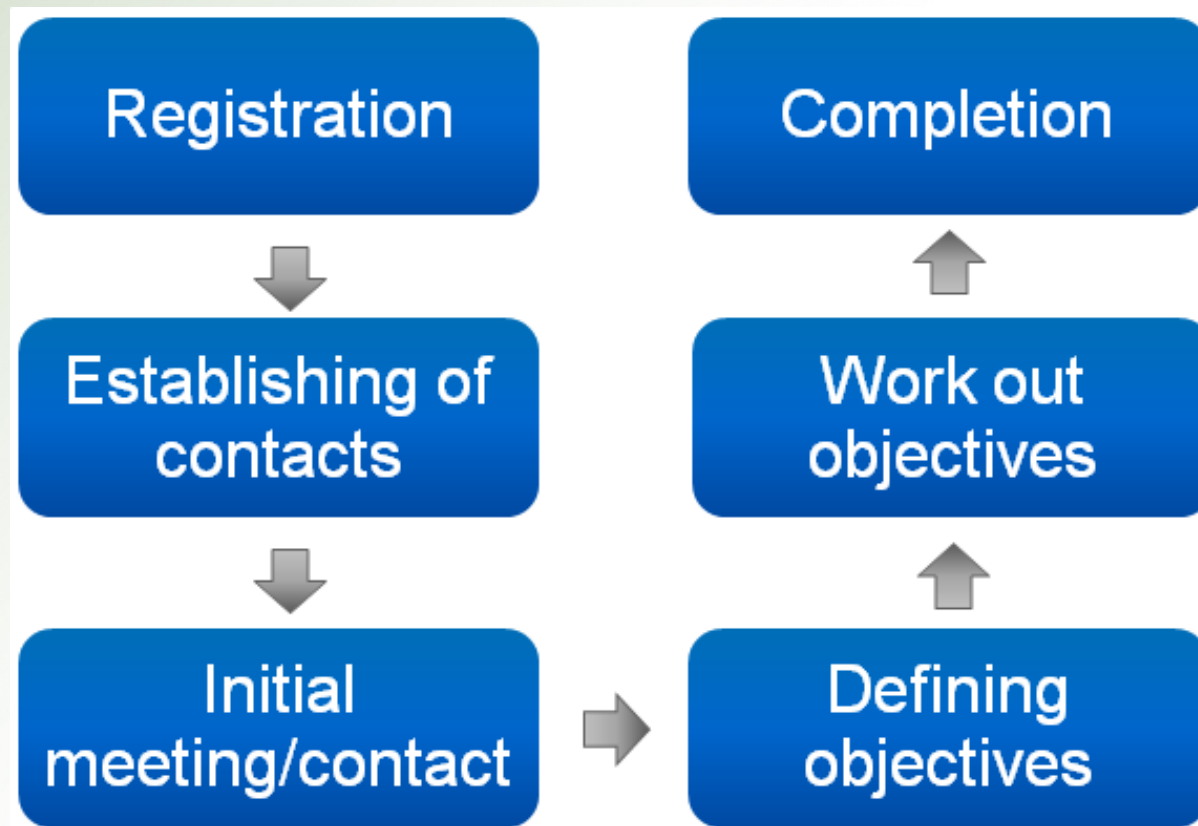
Benefits



- Develop your career in an international environment!
- Full CIGRE and VDE membership
- Young EnergyNet Mentoring
- Excursions and Field Trips
- YEN Newsletter
- Webinars
- Career Development events
- Access to more than 60 local VDE groups
- Reduced conference fees for VDE/ETG conferences
- Other specials for CIGRE events



- YEN Mentoring for students, recent graduates and PhD students



Future Aims

- Increase share of industry members!
- Offering more and better webinars!
- Improve network communication!
- Increase awareness level!
- Tighten Cooperation with other YM Groups!



Contact



- Visit us on: www.vde.com/yen
- E-Mail: yen@teamic.de





CIGRÉ UK NGN

Next Generation Network

Update

Aruna Gunatilake

Senior Station Design Engineer Alstom Grid
NGN Chairman 2011-2013

CIGRÉ NGN - CIGRÉ UK's next generation

Agenda

- ◆ Key Activities
- ◆ Membership
- ◆ Events
- ◆ Member services
- ◆ Communications and Website
- ◆ Financial Overview
- ◆ Promotional activities
- ◆ Paris 2012
- ◆ Collaboration with IET/IEEE/EWB
- ◆ New NGN team
- ◆ Questions & Answers



Key Activities

- ◆ Events: 3 Core, 1 short and 1 promotional
- ◆ Leading YM activities in Paris Session 2012
- ◆ Development of new NGN website

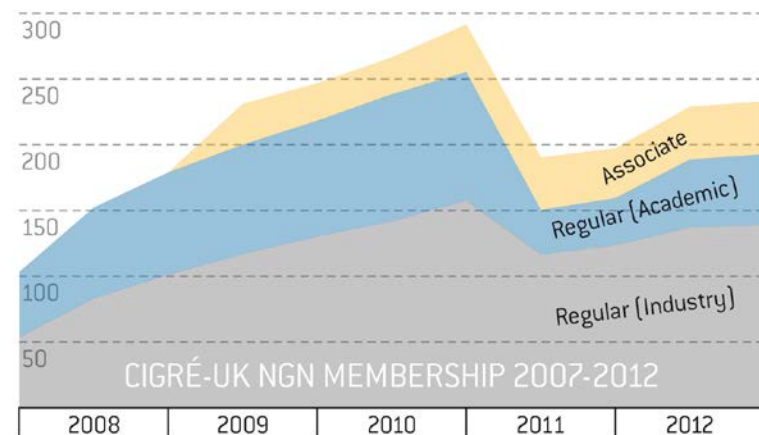
Membership

- ◆ Membership continues to grow
- ◆ Healthy balance of industrial and academic members in 2012

2012	Regular		Associate
	Industrial	Academic	
Jan	2	3	1
Feb	1	1	1
Mar	6	5	0
Apr	4	2	0
May	1	1	0
Jun	2	4	0
Jul	5	7	0
Aug	0	0	0
Sep	3	3	0
Oct	5	3	0
Nov	0	1	0
Dec	0	0	0
Sub-total	29	30	2
Total	59		2

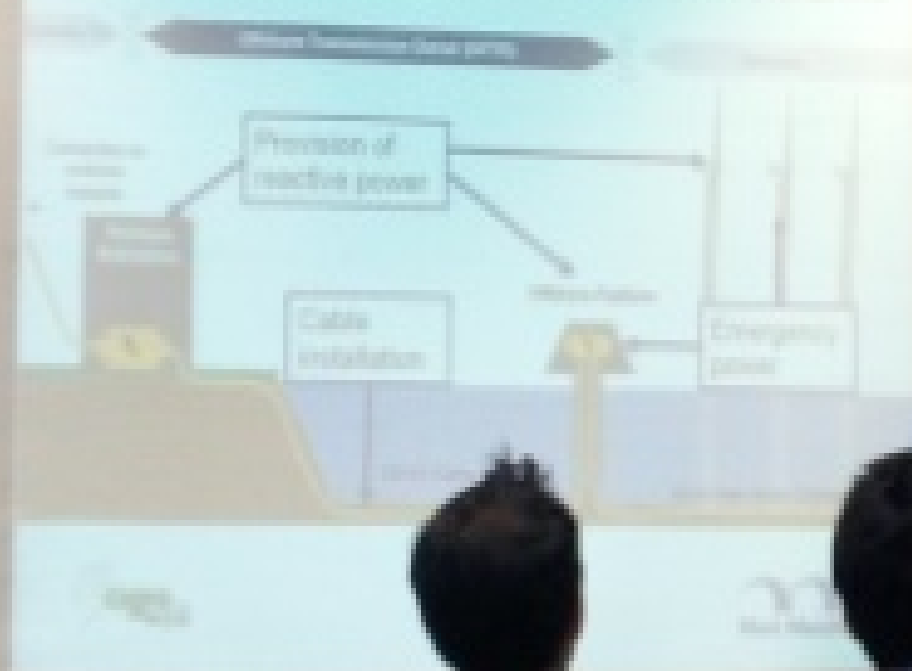
Table 1. Membership in 2012

- ◆ International friends of NGN-Huge boost



- ◆ New type of event for NGN events portfolio: Workshops
 - ◆ Very successful, massive engagement from NGN members.
 - ◆ Members are engaging in technical discussions
 - ◆ Possibly a stepping stone to get members in WGs.
- ◆ Successful promotional event at Nottingham University.
 - ◆ 19 registered as members after the event

Existing electrical issues in offshore windfarms



CIGRE NGN Workshop "Existing and future challenges for offshore wind", Mott MacDonald

Upcoming Technical Event

- London Olympic Park Distribution Substation Visit – a joint event with IET



Membership Services

- ◆ 21 members in Working Groups (A, B & C)
- ◆ Short survey is on schedule to understand leavers
- ◆ New “Professional Advisor Program” is ready to be launched.

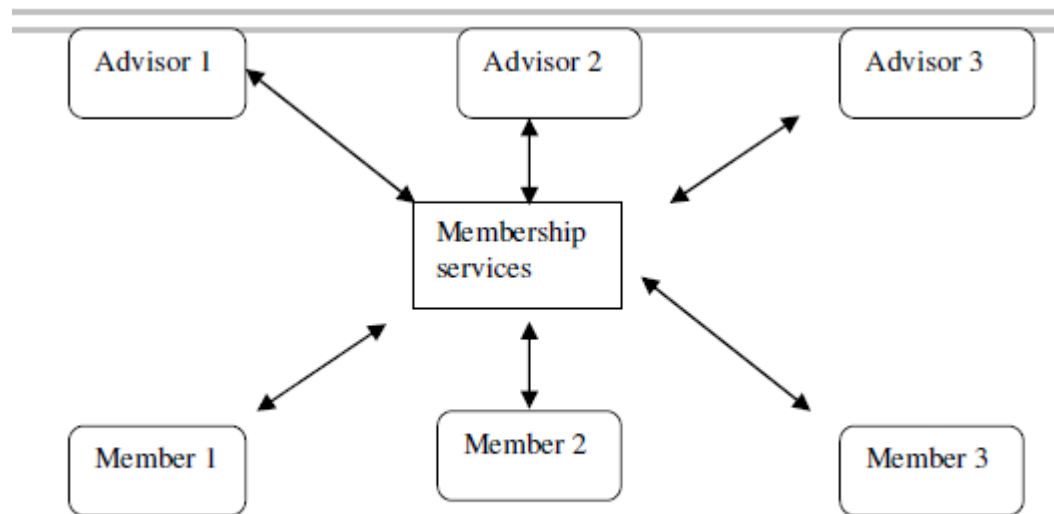


Figure 2. Professional Advisor Program model



Communications & Website

The first screenshot shows the CIGRÉ homepage with the URL www.cigre.org circled in red. The second screenshot shows a list of national committees with 'United kingdom' circled in red. The third screenshot shows the CIGRÉ-UK National Committee page with the 'NGN' link circled in red.

◆ New NGN website: Up and running (content migration from old to new site complete 90%)

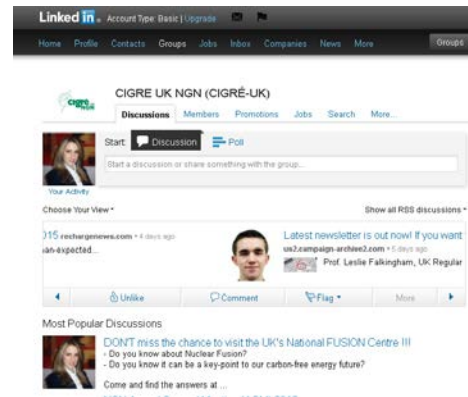
www.cigre.org

CIGRÉ NGN - CIGRÉ UK's next generation



Social Media

LinkedIn



Facebook



Twitter



CIGRÉ NGN - CIGRÉ UK's next generation

Financial Overview

- ◆ Positive balance in the budget

Item	Event	Where	Organiser	Expense	Cost	Comment	Budget	Actual
1	VSC demonstrator, Transformer factory tour	ALSTOM Grid, Stafford	Yasir Siraj, Angeliki Kavvalaki, Tianning Xu	No Cost incurred	No Cost incurred	Fully Sponsored	£0.00	£0.00
2	Labs Visit, Industry/Uni presentations	Nottingham University	Tianning Xu	Lunch	£360.00	Partially Sponsored	£350.00	£360.00
3	Paris Session 2012	Paris, France	Mike Holmes	Poster Printing	£62.00	Awaiting information	£150	£62.00
4	Discussion Forum	Mott MacDonald	Yasir Siraj, Angeliki Kavvalaki	No Cost incurred	No Cost incurred	Fully Sponsored	£0.00	£0.00
5	Visit to Jet Fusion facilities CCFE/AGM	Culham	Angeliki Kavvalaki, Yasir Siraj	Lunch	£178.98	Paid/ Free coffee at registration	£250.00	£178.98
						TOTAL	£750.00	£600.98

Table 3 – Financial expenditure for 2012



Promotional Events

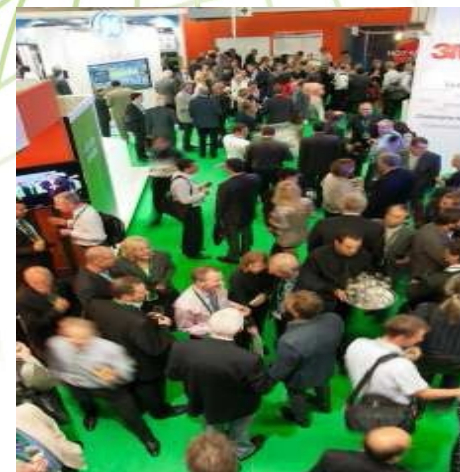
- ◆ Successful promotional event at Nottingham University.
- ◆ Next promotional event is at schedule to be at Strathclyde University-Jan 2013

Promotional Events



Paris Session 2012

- **Young Member Stand**
- **EPEE and Open Forum**
- **Technical Event**
- **Social event**



CIGRÉ NGN - CIGRÉ UK's next generation



Young Member Stand

- **68** international contacts from **35** countries



- **19** interests on creating similar groups



CIGRÉ NGN - CIGRÉ UK's next generation

EPEE and Open Forum

- **Young Member representative in Steering committee?**



- **Key note speech by Phil Haris: Tres Amigas CEO**

Technical Event



- **Seine GIS Substation (RTE)**
- **30 young members**
- **10 countries**



CIGRÉ NGN - CIGRÉ UK's next generation



Social Networking Event



CIGRÉ NGN - CIGRÉ UK's next generation



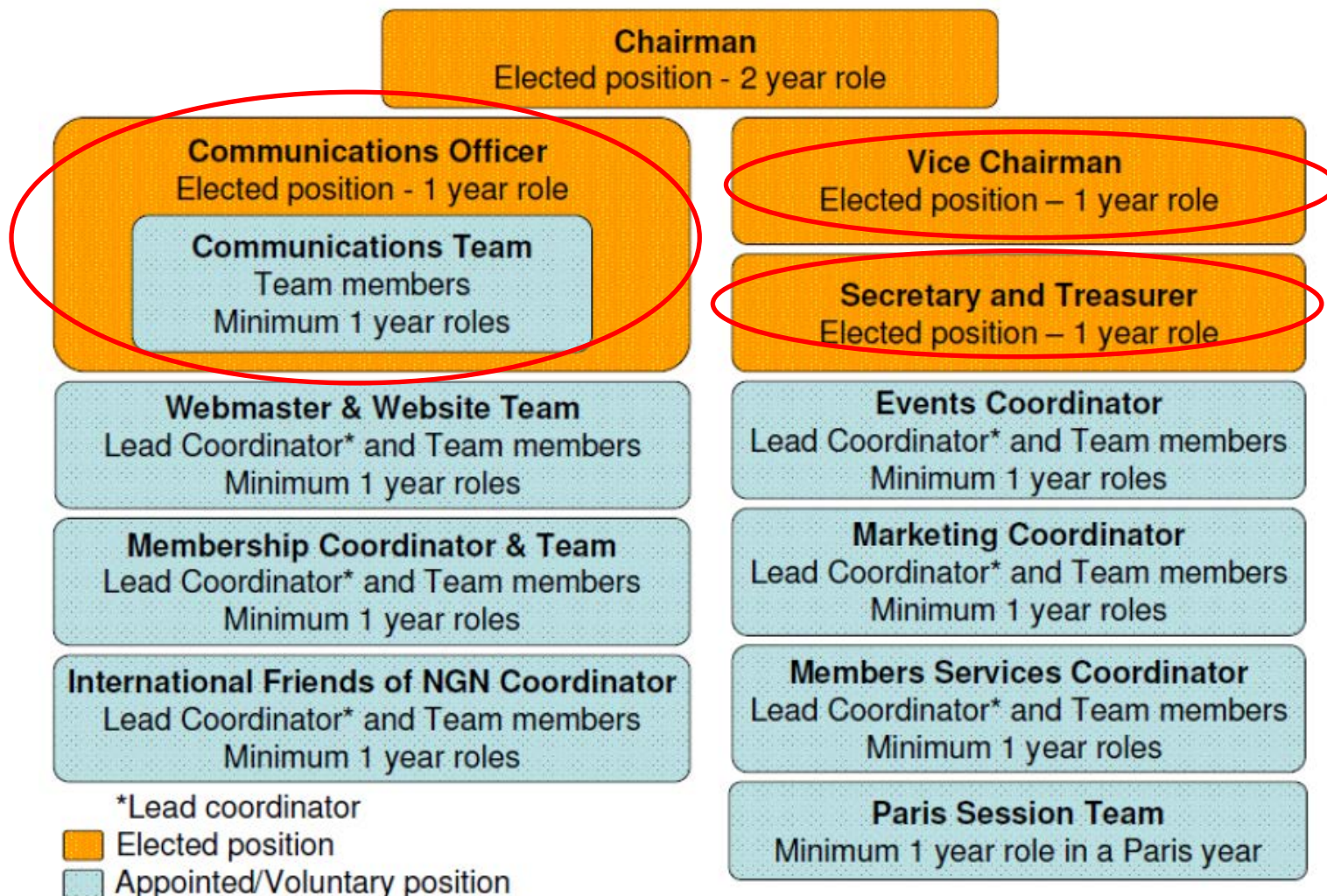
Collaboration with other

- ◆ Collaboration with other organisations IET/IEEE/EWB
 - ◆ Join event with IET-a Visit to Olympic park (planning stage)
 - ◆ Join activities with IEEE/EWB is under discussion



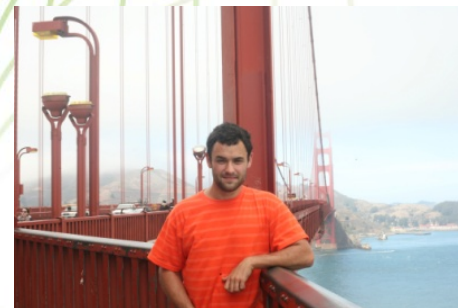
CIGRÉ NGN - CIGRÉ UK's next generation

NGN Activities & Structure



New NGN Team

- Vice-Chair
 - James King, PB
- Secretary/Treasurer
 - Mike Homes, National Grid
- Communication officer
 - Peter Roddis, Mott MacDonald



- Develop the next generation of engineers for the energy industry and CIGRE
- Nurture the growth of similar groups around the world
- Increase WG involvement

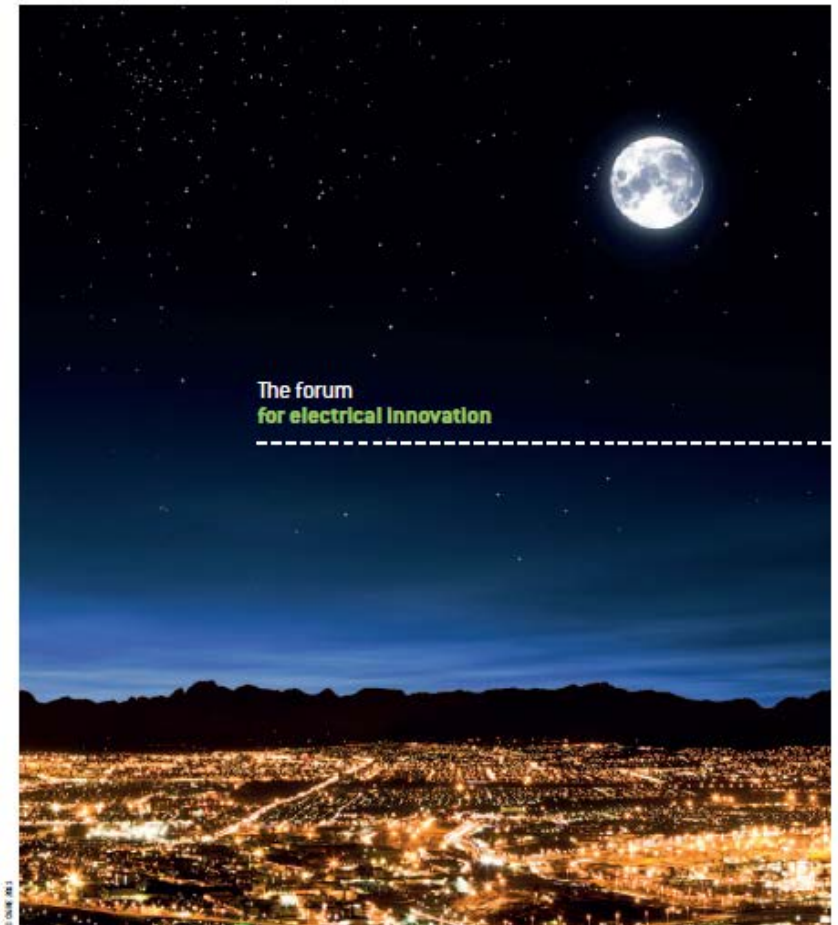
Questions & Answers

Thank you!

www.cigre.org

uk.cigre.org

uk.cigre.org/NGN



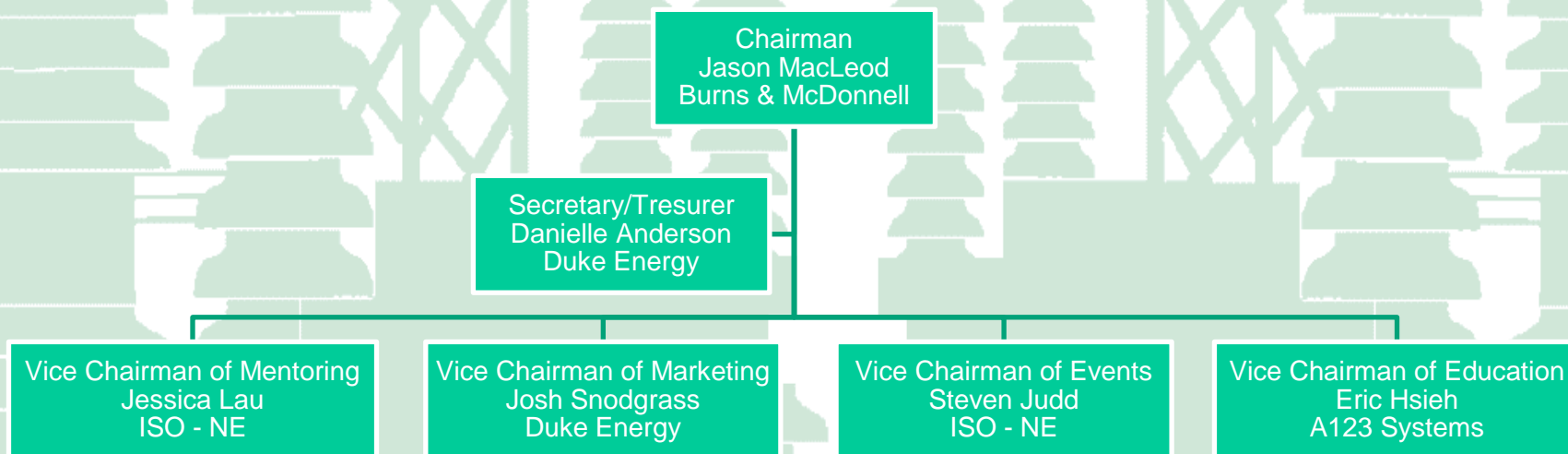


CIGRE Young Members Next Generation Network

**Jason MacLeod
United States**

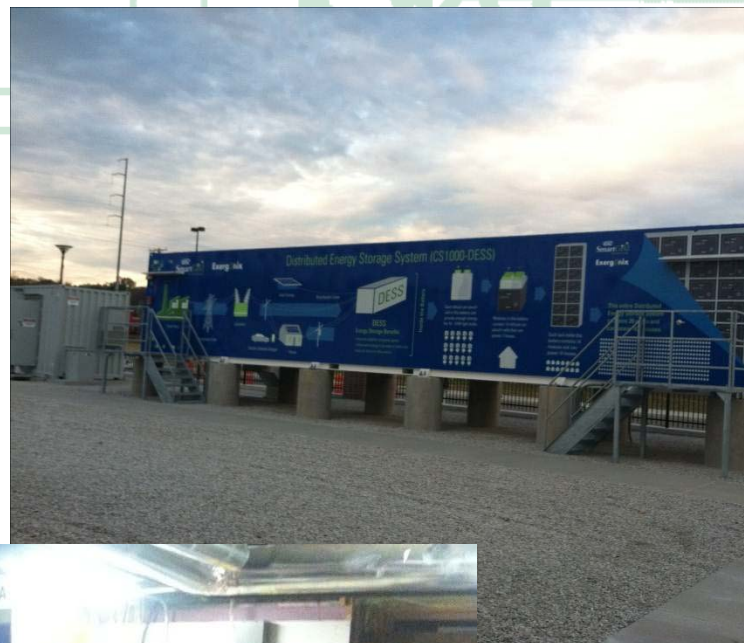


US NGN Leadership





Grid of the Future Symposium



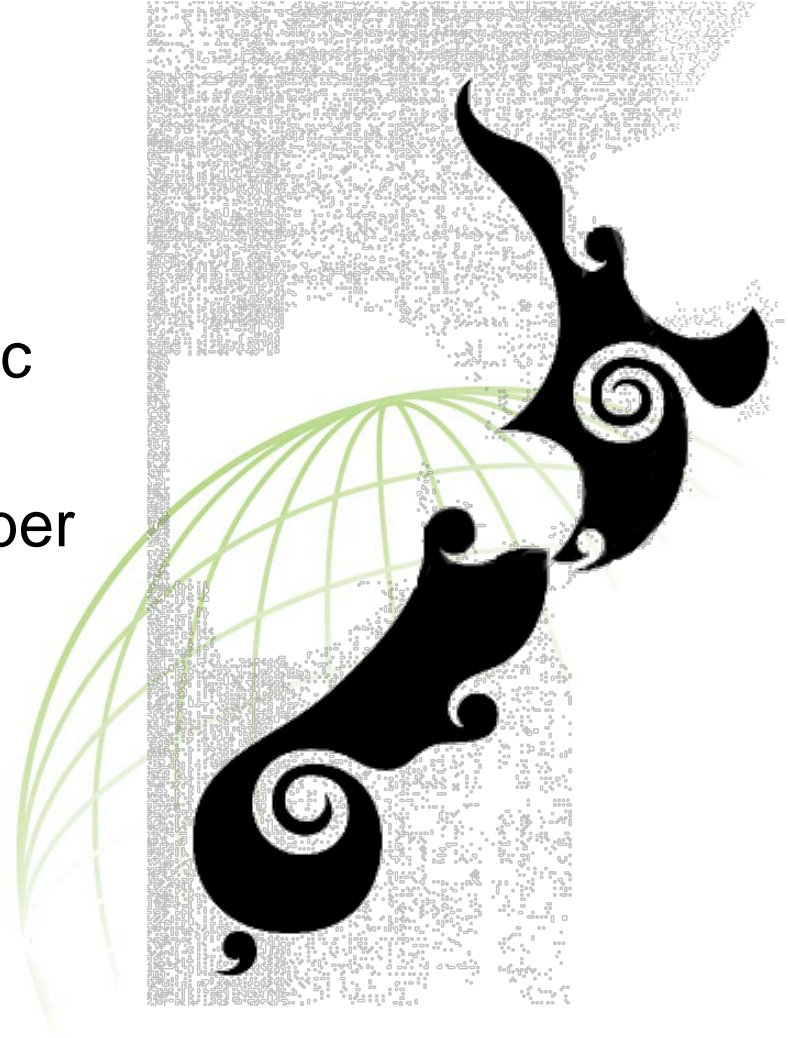
CIGRÉ Young Member Group Chairpersons Meeting

CIGRE NZ NGN NEXT GENERATION NETWORK

Rebecca Stewart
(NZ NGN Chairman)

Formation

- NGN Committee formed November 2011
- Initiated by CIGRE NZ Exec committee
- Kick off event held December 2011
- 33 members following first event
- Presentations held in 5 locations across NZ



Structure



Chairperson
Rebecca Stewart
*Power Systems Engineer
Beca*



Transpower & ANC Liaison
Paul Blue
*Regional Services Manager
Transpower*



CIGRÉ-NZ NC Liaison & Treasurer
Dennis Keen
*Project Manager / Engineer
PowerNet Limited*




Committee Member
Farah Pollard
*Electrical Engineer
Mighty River Power*



UC Liaison
Stewart Hardie
*EPE Centre Engineer
University of Canterbury*

Presentations

- Bi-monthly Presentations
- Led by CIGRE members
 - Personal experiences with CIGRE
 - Information on working groups (WG)
- Aim to educate young members on CIGRE & how to become involved in working groups.
- Held over video conference between 4-5 different locations



CIGRE NZ NGN Kick-Off Event
When: 5pm December 20th 2011

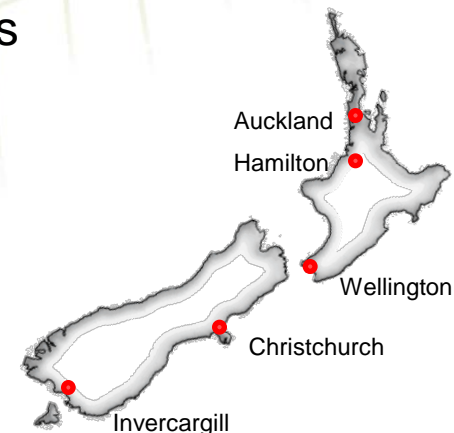
Overhead Transmission
by Rob Link
Tuesday 6th March 5pm
RSVP: cigre.ngn@cigre.org.nz by 3pm 5th March

ELECTRICAL ROTATING MACHINES
-Arapuni Re-wind Project
by Kane Henderson
Tuesday 8th May 5pm
RSVP: cigre.ngn@cigre.org.nz by 2pm 7th May

WG B5.43: Coordination of Protection and Automation for Future Networks
by Nirmal Nair
Tuesday 7th August 5pm
RSVP: cigre.ngn@cigre.org.nz by 2pm 6th August

Auckland Transpower Level 5, Building 2 Central Park Corporate Ctr 146 Great South Road Greenlane	Wellington Transpower Level 7 Transpower House 96 The Terrace	Christchurch Transpower Level 3 6 Show Place Addington	Invercargill PowerNet 251 Racecourse Rd PO Box 1642
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CIGRE Young Member Group 2013
Chairpersons Meeting, 21-Jan-2013



Where to Next??

- Grow committee and memberships
- Arrange site and technical visits
- Introduce mentor/mentees
- Actively participate with Australian National Committee (ANC) presentations