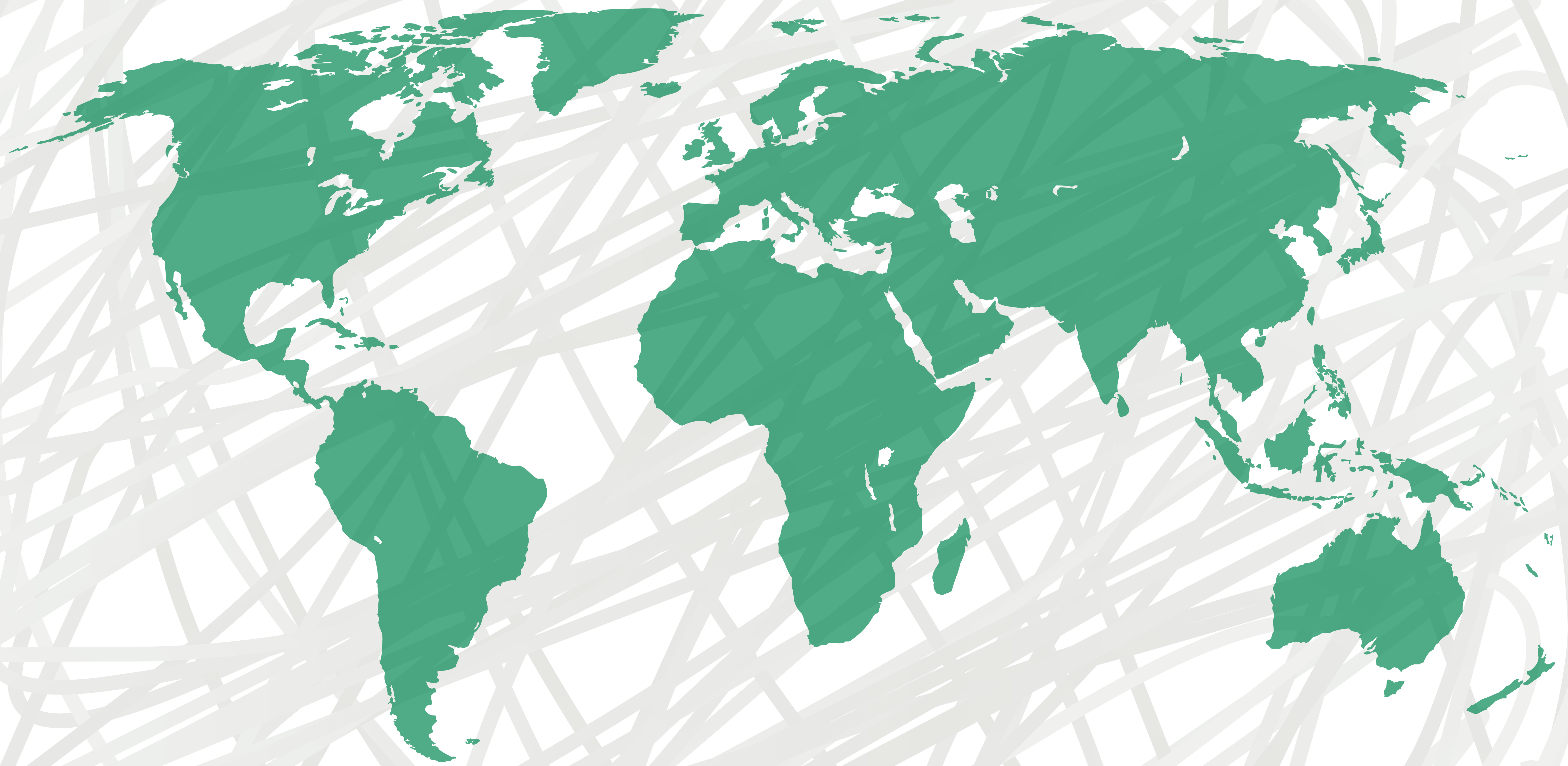


Around the world Young Members (YM) groups are forming, helping to develop the next generation of professional power engineers for the 21st Century.



The Young Members of CIGRÉ are not only the future of the organisation but the future of the power industry.



For Young Members the YM groups
are the gateway to CIGRÉ.



Y O U N G M E M B E R S

YOUNG MEMBER GROUPS GROWING WORLDWIDE

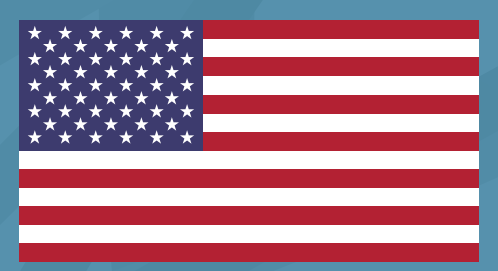
CIGRÉ-US NGN

Formed: 2011

Members: 28

Email: rmacleod@burnsmcd.com

Web: cigre-usnc.tamu.edu/ngn



UNITED
STATES

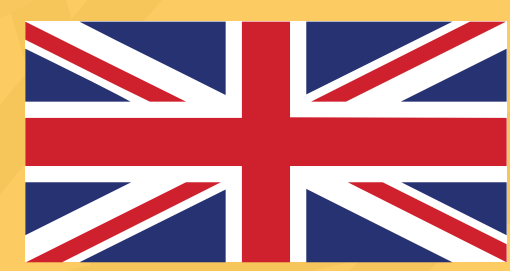
CIGRÉ-UK NGN

Formed: 2007

Members: 228

Email: NGN@cigre-ngn-uk.org

Web: www.cigre-ngn-uk.org



UNITED
KINGDOM

Group forming



SWEDEN

Young EnergyNet (VDE)

Formed: 2010

Members: 33

Email: yen@teamic.de

Web: www.vde.com/yen



GERMANY



BRAZIL

Group forming



CHINA

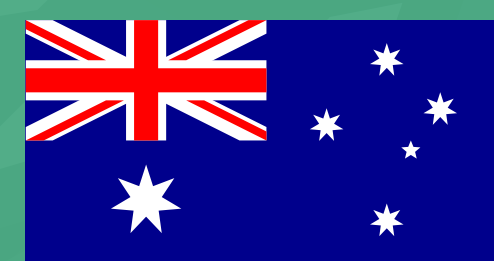
Chinese National Youth Committee of CIGRÉ

Formed: 2010

Members: 174

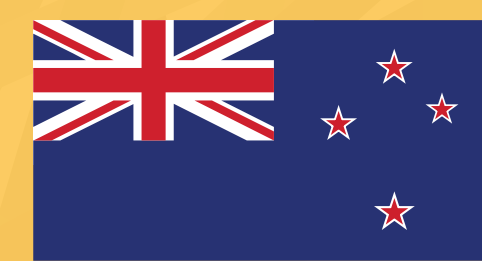
Email: hdmajing@yahoo.com.cn

Web: www.cigre.org.cn



AUSTRALIA

Group forming



NEW
ZEALAND

CIGRÉ-NZ NGN

Formed: 2011

Members: 80

Email: Rebecca.stewart@beca.com

Web: www.cigre.org.nz

Since 2007 the number of Young Members (YM) have grown,
as have the number of YM groups around the world.



Y O U N G M E M B E R S

BENEFITS OF YOUNG MEMBER GROUPS

BENEFITS TO YOUNG MEMBERS

ENGAGE

- Opportunity to take part in the technical work of CIGRÉ through access to Working Groups.
- CIGRÉ / National Committee events, including the biennial Paris Session.
- Access to dedicated YM events.

INFORM

- Access to state of the art technical knowledge and information (e.g. ELECTRA and e-cigré).
- Ability to keep abreast of CIGRÉ activities via newsletters, Facebook and LinkedIn.

NETWORK

- Opportunity to interact with engineers from around the world and share knowledge and experience.
- Chance to enhance professional and social network.

DEVELOP

- Chance to improve key skills for Professional Development.
- Opportunity to be at the heart of the latest developments in electrical power engineering and technology.
- Potential to develop an international profile for yourself and your business.

BENEFITS FOR CIGRÉ

- Development of the next generation of engineers for the power industry and CIGRÉ.
- Provision of fresh ideas and approaches.

BENEFITS FOR EMPLOYERS

- Development of employees.
- Encourages team working and industry networking.
- Opportunities for employees to get involved in Working Groups.
- Employees gain experience of best practices from around the industry.



Y O U N G M E M B E R S

EVENTS FROM AROUND THE WORLD

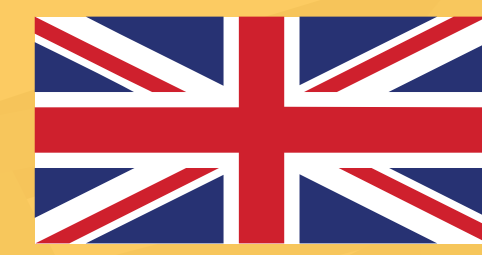
One of the primary ways that Young Members' groups engage their members is through relevant and interesting events. Here are some examples of these.



NUCLEAR POWER PLANT GRAFENRHEINFELD, GERMANY



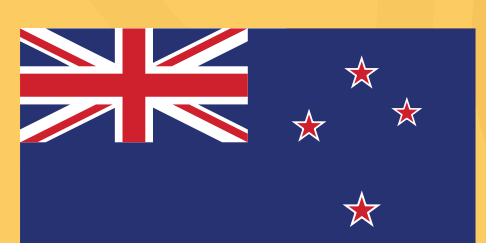
- Visit to a nuclear power plant in Grafenrheinfeld.
- Guided tour through entire power plant including high-security sections including the inside of the reactor building.
- Presentations about comparisons between nuclear, fossil and renewable power.
- Discussion sessions on the safety and flexibility of nuclear power plants.
- Kindly supported by E.ON Kernkraft.



NATIONAL GRID CONTROL CENTRE, UK



- Visit to the National Grid control centre.
- Tour of the control room viewing gallery.
- Presentations about network operations, transmission requirements, electricity trading and demand forecasting.
- Kindly sponsored by National Grid.



PRESENTATION: COORDINATION OF PROTECTION AND AUTOMATION FOR FUTURE NETWORKS, NZ

- Presentation from CIGRÉ Working Group B5.43 (coordination of protection and automation for future networks).
- Overview of the working group and the challenges faced so far.
- Discussion of what it is like to work in big and small Working Groups and how to get involved.



DINORWIG ELECTRIC MOUNTAIN, WALES, UK



- Tour of an operational pumped storage hydro plant.
- Presentations and discussions with hydro experts.
- Kindly sponsored by First Hydro Company.



Y O U N G M E M B E R S

EVENTS FROM AROUND THE WORLD

One of the primary ways that Young Members' groups engage their members is through relevant and interesting events. Here are some examples of these.



NATIONAL KEY LABORATORY OF TSINGHUA UNIVERSITY, CHINA



- Visit to National key laboratory of Power system and power equipment control and simulation
- Visit to power electronics and motor control lab.
- Presentations on recent developments made by Tsinghua University of smart grid university and new energy.
- Kindly supported by Tsinghua University.



JUNGES FORUM ENERGIETECHNIK, GERMANY

- Open Panel Discussion with power system and HR experts about the worth of the participation of young members in expert working groups for individual personal and professional development.
- Side event of the international ETG Congress 2011



ALSTOM GRID VSC DEMONSTRATOR AND TRANSFORMER FACTORY, UK



- Tour of the high voltage direct current (HVDC) voltage source convertor (VSC) demonstrator.
- Visit to the transformer factory.
- Presentations and discussions about HVDC and VSC technology, DC grids, transformer manufacturing process and ultra high voltage DC transformers.
- Kindly Sponsored by Alstom Grid.



PRESENTATION: ELECTRICAL ROTATING MACHINES, NZ

- Presentation and discussion about Arapuni re-wind project, involving the replacement of stator assemblies and rotor poles of a generator.
- Discussion of project experiences, and challenges faced to date.



Y O U N G M E M B E R S

CASE STUDIES: WORKING GROUPS (WGs)

“ The PhD project I am working on since July 2010 is rather similar to the topics, the current WG A2.43 “Bushing reliability” is dealing with. The WG was founded in 2010 and consists of three Task Forces, implemented to work on different sub-topics and questions. I am involved as a member of Task Force 3 “Bushing Diagnostic and Monitoring”, as this Task Force is closely related to my actual work.

The contact to CIGRÉ was formed at the beginning of my PhD project by my professor Dr. Andreas Küchler who is already working for CIGRÉ for several years and my mentor Dr. Thomas Hammer from the German CIGRÉ committee. They did suggest my participation as a “Young Expert”, so I could join the WG during the second meeting taking place in Halle (Germany) at the beginning of 2011. Up to now I

participated in three meetings (Halle, Germany; Kyoto, Japan; Dubrovnik, Croatia). During our meetings, members of the WG take the opportunity to present interesting results of their actual work. So I did present also some preliminary results of my work during our meeting in Kyoto.

As the questions, our WG is dealing with, are very closely related to the questions, I am investigating in my PhD project, I am convinced that both – our WG and I – have a clear benefit of my participation. I can contribute with my knowledge collected during my work and can get in contact with international colleagues from utilities and laboratories working in the same field and having a long-term experience. I am really glad to participate in this WG and I am looking forward to our future meetings and the fruitful discussions with the colleagues.



Markus H. Zink, M. Eng.

EnBW Kernkraft GmbH

Young EnergyNet (DE), WG A2.43

Currently study a PhD on the subject of “Ageing condition assessment of transformer bushings with oil-paper dielectric by means of dielectric diagnosis”.



Ross Wilson

*RWE, ross.wilson@rwenpower.com
CIGRÉ-UK NGN, WG B1.40*

Ross Wilson joined the Working Group B1.40 “Offshore Generation Cable Connection” in February 2012 after attending the kick off meeting in Denmark.

“ I was initially invited by the UK member of B1 to attend the B1.40 TF, this was held in Amsterdam in April 2011. The meeting was very informative and following the discussion a proposal was submitted to B1 TC, subsequently the Work Group was ratified by the TC and the WG B1.40 was created.

I was invited to carry on participation with the WG and I agreed, the first meeting was the discussion of tasks and the distribution of tasks for which we all equally carry out.

I was able to support the WG with tasks, we each provide our input from best practice to collected experience's and through reviewing the contributions

we have started to write the Technical Brochure. We are each given our own section to write and then peer reviewed to ensure non-bias and correct technical content.

By participating in the WG, I have benefited greatly from the technical and theoretical discussions held during the meetings. I am able to benefit from other people's experiences and share my knowledge, all with the aim to develop the technology and the processes. I have the chance to know and be known by some of the experts of my field. My role within the company has been enhanced and as a participating member of a WG, you are treated as a truly valuable member of a team.



Y O U N G M E M B E R S

CASE STUDIES: WGs & YM EXPERIENCE



Dr. Samuel Jupe

Parsons Brinckerhoff, JupeS@pbworld.com
CIGRÉ-UK NGN, WG C6.11 & C6.19

“ I joined the CIGRÉ-UK NGN in 2007, as a Doctoral Researcher at Durham University. Prior to this, I completed my M.Eng in New and Renewable Energy. I was told about the NGN by a fellow PhD colleague and signed up straight away! Since joining the NGN, my career development and professional development have been significantly strengthened.

My first involvement with the NGN was at the 2008 CIGRÉ Session in Paris: I represented the NGN by manning the stand, supporting the profile-raising of the organisation and presenting a poster on current ‘Active Network Management’ activities.

At this same Session, I was invited

to deputise for my PhD supervisor, Prof. Phil Taylor, and attend the C6.11 Working Group (WG) meeting on the “Development and Operation of Active Distribution Networks”. Since then, supported by my current employer Parsons Brinckerhoff, I have made active contributions to WG C6.11, travelling to Rome and back to Paris for meetings. Acknowledged as an Expert Member, I have co-authored a number of publications on behalf of WG C6.11, including the final report. Last year, I presented papers at CIGRÉ in Frankfurt and the CIGRÉ C6 Symposium in Bologna. My involvement with CIGRÉ and the NGN continues as Secretary of WG C6.19: “Planning and Optimisation of Active Distribution Systems”.

”

“ Since starting the CIGRÉ NZ NGN Committee in 2011 it has been fantastic to be involved with scheduling and organizing the three events we have held so far. With our kickoff event in December 2011 we invited young professionals and university students in their final year or post-graduate degree to learn about CIGRÉ and how they can become involved. This presentation was held in three different centers across New Zealand: Auckland, Wellington and Christchurch. Following the successful presentation and the numbers of members involved, we have since added two new sites to our presentation: Hamilton and Invercargill. The presentations are led by CIGRÉ members and give an insight into working groups, what projects members are working on and how

new NGN members can get involved. Following each presentation there is a fantastic networking opportunity for all attendees.

A highlight of my experience of being on the NGN committee was attending the CIGRÉ NZ Executive Committee meeting in 2011. Sitting alongside high profile engineers as the CIGRÉ NZ NGN liaison and seeing how they collaborate together to run such a large organization as CIGRÉ NZ was fascinating. It was also an amazing networking opportunity and showed how accessible the knowledge of these high profile engineers could be.

I look forward to the remainder of 2012 with anticipation and excitement of the possible growth for CIGRÉ NZ NGN.

”



Rebecca Stewart

Beca, rebecca.stewart@beca.com
CIGRÉ-NZ NGN

Rebecca Stewart is the CIGRÉ-NZ NGN Committee Chairperson.



Y O U N G M E M B E R S

CASE STUDIES: PROFESSIONAL DEVELOPMENT

“ I am the Chairman of the CIGRÉ-UK NGN and currently working as a HVDC station Design Engineer in ALSTOM Grid. I received my B.Sc (Hons) degree in electrical and power engineering in 2001, from the University of Moratuwa, Sri Lanka and MPhil and PhD degrees in electrical and electronics engineering from the University of Manchester, prior to joining ALSTOM in September 2007. In 2008, I got to know about CIGRÉ-UK NGN through a friend from the University and decided to attend an event organised by NGN which was a visit to the Didcot coal power station, in November 2008. I thoroughly enjoyed the event and decided to join this professional organisation straight away.

Since then I attended various technical events and the organisational activities, such as Steering Committee meetings as I saw the value of widening my professional network and broadening my knowledge about electric supply Industry. In January

2010, I had an opportunity to volunteer to steering committee activities by helping out the vice chair on her activities and eventually took over all her responsibilities. In 2010 November I nominated myself for the Vice Chair position and elected to be the Vice Chair for 2010-2011. During this time I contributed to NGN by creating a promotional presentation and creating communication poster for Paris Session 2010. In November 2011 I have decided to nominate myself for the chair position and elected for the role for 2011-2013.

It took nearly 4 years for me to gain CEng, and involvement in CIGRÉ-UK NGN made a positive contribution for my application to become a Chartered Engineer. In particular, professional networking opportunities I had, presentations I done to promote NGN, various coordination and communication activities I done over the years helped me to strengthen up my application towards chartership and certainly helped me to speed up the process.



Dr Aruna Gunatilake, CEng MIET

Alstom Grid, aruna.gunatilake@alstom.com

CIGRÉ-UK NGN

Aruna is the Chair of CIGRÉ-UK NGN.



Dr Yasir Ahmed, CEng MIET

National Grid, Yasir.Ahmed@nationalgrid.com

CIGRÉ-UK NGN

“ I was born in Edinburgh, Scotland, received a B.Eng.(Hons) degree in Electrical Engineering, in 1998 and the M.Sc. degree in Communication systems and signal processing from the University of Bristol in 2000. Following my MSc I joined Celestica UK for four years. I then undertook an Engineering Doctorate degree before joining National Grid in 2008 as an Overhead Lines Engineer.

The turning point in my career was when I started an EngD postgraduate degree in 2005 at the School of Electrical and Electronic Engineering (University of Manchester) in a project partially funded by National Grid. The EngD program, which is accredited by the IET and the IMechE, included elements that encouraged professional development and professional institution membership. Since day one my I planned to become a CEng before completing the EngD.

I joined CIGRÉ-UK NGN on its formal launch event in Oct. 07 representing the school. From that moment I decided to be an active member

since I sensed the value of such engagement in firstly widening my professional network and secondly to support my CEng application.

Between 2007-09 I regularly attended NGN Steering Committee meetings at various venues and acted as NGN Assistant Event coordinator. I have also hugely benefited from excellent technical events that broadened my scope of the power industry in the UK. In 2008 I contributed with initiating the first draft of the NGN membership strategy and was among the first group of NGN members to participate at CIGRÉ Paris Session. Between 2008-09 I acted as NGN event coordinator and in 2009 I was nominated for the NGN Chair position.

It took me four years to become a Chartered Engineer and my involvement with CIGRÉ-UK NGN has positively contributed to the success of my application. In particular, networking with fellow NGN members and volunteering to undertake tasks in contribution to the success of a professional organisation.



Y O U N G M E M B E R S

CASE STUDIES: PD & YM EXPERIENCE



Dr. Sunny Leong Ching Cheng

*Alstom Grid, leong.cheng@alstom.com
CIGRÉ-UK NGN Member Services Coordinator*

“ I am presently the Member Services Coordinator of CIGRÉ-UK NGN and currently working as a System Verification Engineer in Alstom Grid. Prior to this, I completed my BEng (Hons) and PhD degree in Electrical & Electronic Engineering at University of Birmingham, UK. I came to know about CIGRÉ-UK NGN through fellow colleagues from Alstom in early 2011 and joined almost immediately!

Since sensing the added value of engaging in NGN in developing my professional career and CEng application, I have been actively involved in NGN by attending various technical events, organisational activities and promotional event for NGN. This has helped tremendously to widen my network, broaden my scope of knowledge about power industry, as well as develop myself in many areas of soft skills.

In March 2011, I took the opportunity to volunteer to Steering Committee activities

for the current role of Member Services Coordinator. During this time, I help to act as the liaising party for NGN members, who would like to participate in Working Groups and assist to put them in touch with the right parties. In parallel, I attend to NGN member's general enquiries and also conduct surveys to NGN members in order to improve CIGRÉ-UK NGN support for members.

Early 2012, I put myself forward as the lead for Young Member Stand at biennial Paris Session 2012, undertaking tasks such as coordinating with other international young member group around the world in preparation of poster and other stand elements.

I am presently working towards my CEng and am confident that my involvement in NGN will positively contribute to the success of my application. I look forward to the years to come with NGN.

”

“ *Education & Career Background:*

I graduated from University of Hertfordshire with a Bachelor of Engineering (Hons) in Electrical and Electronic and Master of Business Administration from Manchester Business School in the UK. I have held a number of engineering positions in past including Production Support Engineer, Application Engineer, and R&D Engineer. Currently I am working as a Project Engineer in Alstom Grid to execute and deliver an HVDC turnkey power transmission project in South Korea.

When did you join NGN?
I joined NGN in 2008.

How did you first know or hear about NGN?
I was first introduced to CIGRE and then NGN by work colleague who has been actively involved in promoting NGN.

What is/was your involvement in NGN?
I have worked as a web-developer for NG website www.cigre-ngn-uk.org.

How has your NGN involvement helped you

in gaining Chartership?

My involvement with NGN proved invaluable support in gaining chartered ship. I was able to leverage upon various unique opportunities offered by NGN through technical and networking events to become a Chartered Engineer. I attended number of key events to meet young engineers from other organizations to share interests and new ideas, gain insight into the latest developments in the field of engineering as well as learn from seniors to expand my understanding and knowledge of engineering beyond my own field. The involvement in these activities not only helped me to meet number of requirements for Chartered Engineers but also offered me an opportunity to meet and socialize with new people and expand my network to other organizations and engineering field.

How long did you take to be chartered?
It took three months from submitting application to receiving the C.Eng confirmation letter. I took four years to get the CEng.



Muhammad Ashraf

*Alstom Grid, muhammad.ashraf@alstom.com
CIGRÉ-UK NGN*



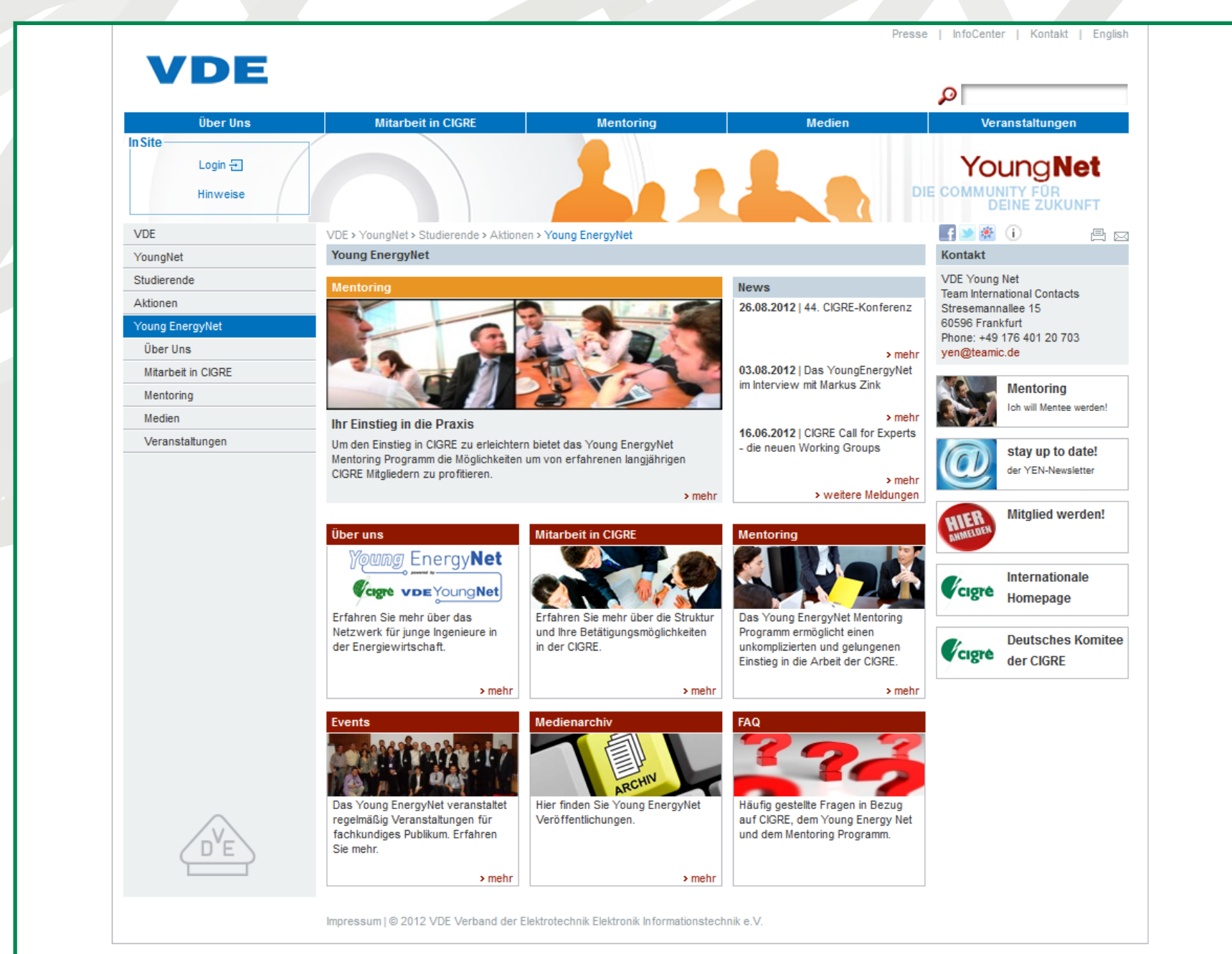
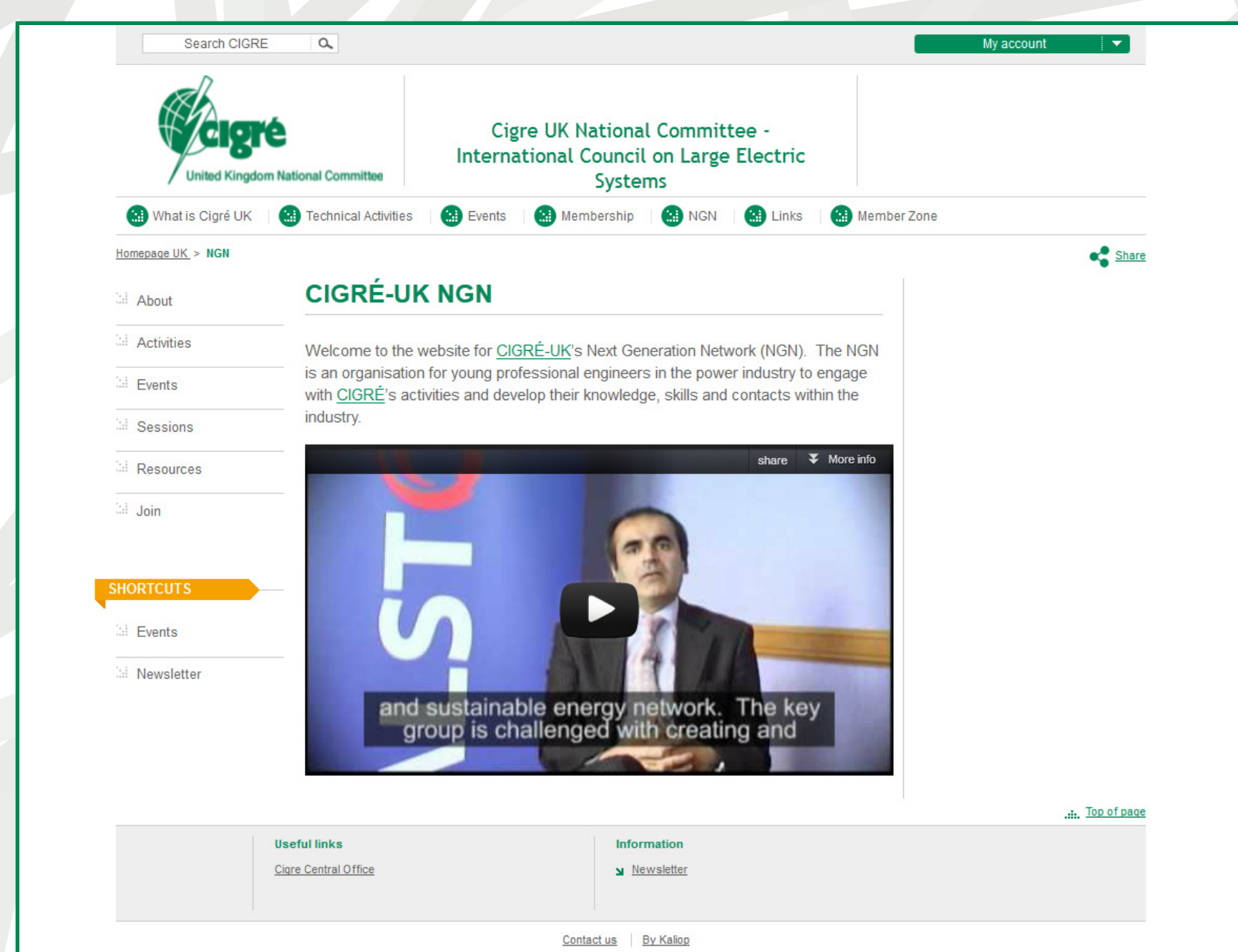
Y O U N G M E M B E R S

COMMUNICATIONS FOR YM GROUPS

WEBSITES

The UK NGN use their website (www.cigre-ngn-uk.org) as a main information hub to support their other communication channels. It has just been re-launched as part of the overhaul of CIGRÉ's web presence. Features now include:

- Easy-to-use content management system
- Online collaborative working tools
- Online events browsing, registration & management
- Common user login with the rest of CIGRÉ

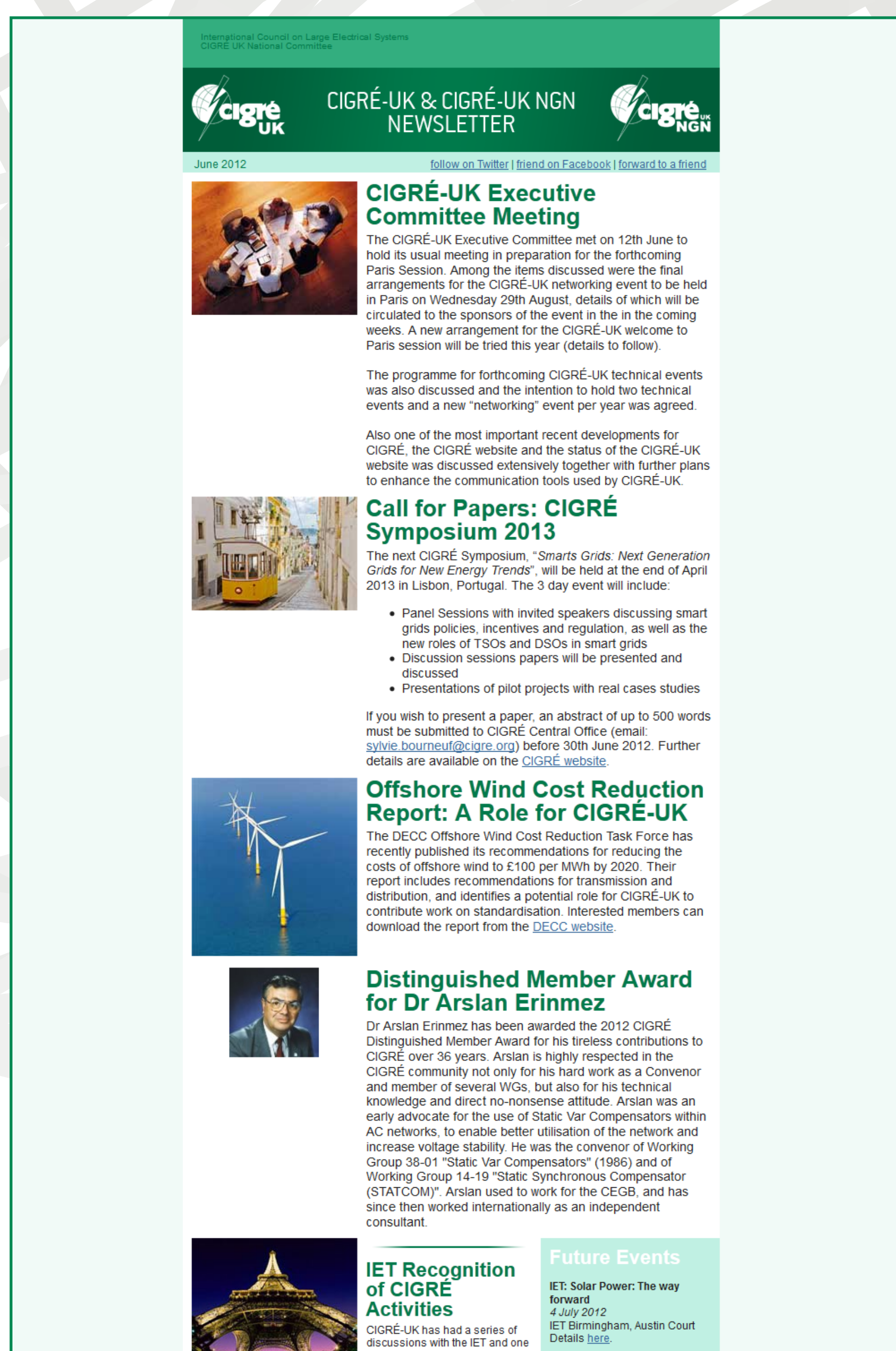


The Young EnergyNet (DE) also use their website as a main information hub to support their other communication channels. It is included in the framework of the VDE and can be found at www.vde.com/yen.

NEWSLETTERS

The UK NGN have a monthly email newsletter, while the Young EnergyNet (DE) have a quarterly one. These keep their members informed with:

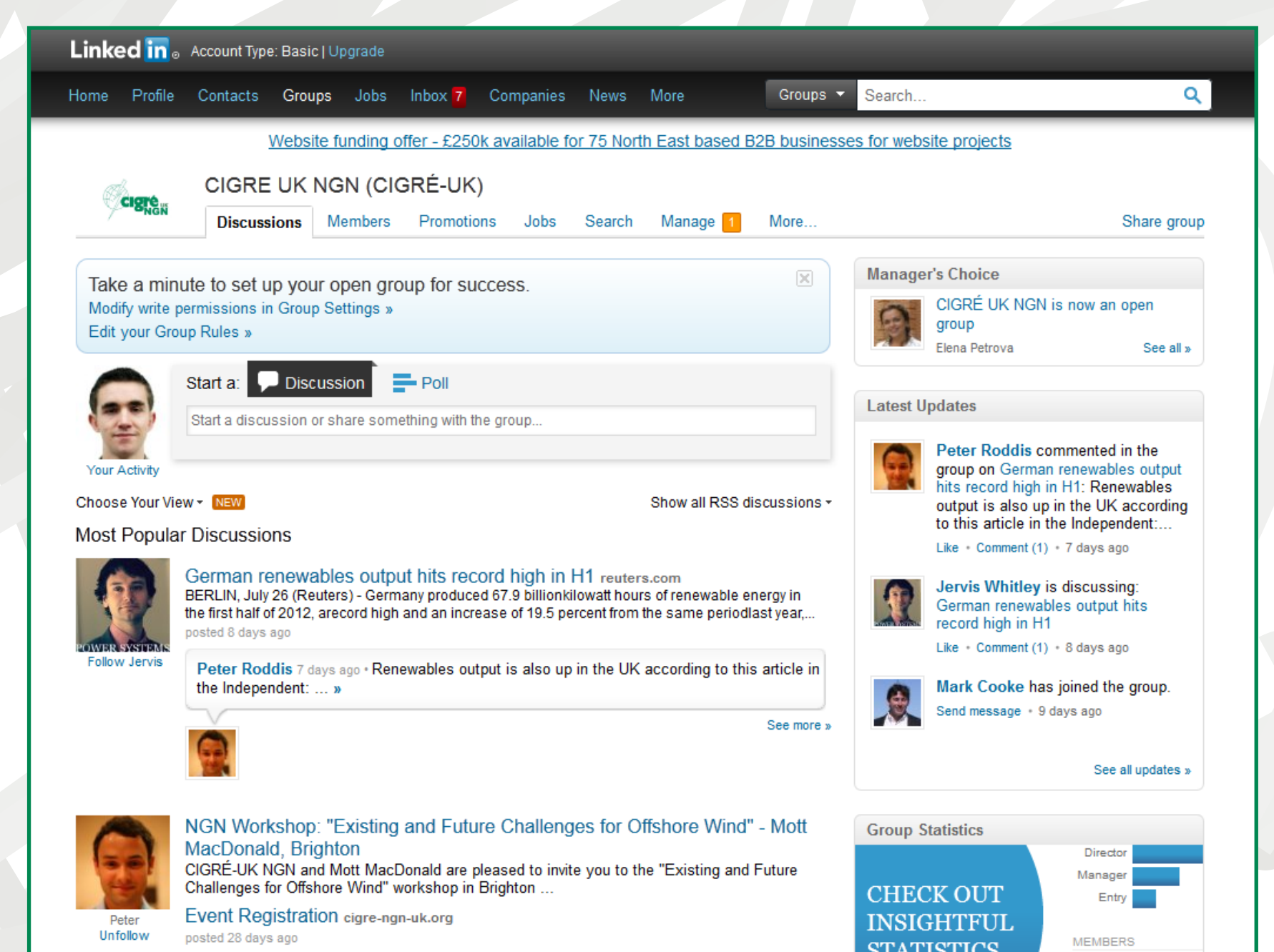
- Upcoming events
- Paper calls
- Feedback & reports from events
- Technical reports



FACEBOOK

- Additional communication channel to supplement others
- Informal discussions and photo sharing
- UK NGN group has over 100 members

 [NGN \(CIGRÉ-UK\)](https://www.facebook.com/NGN-CIGRE-UK)



LINKEDIN

- Supplements the other communications channels
- Professional networking

 [CIGRÉ UK NGN \(CIGRÉ-UK\)](https://www.linkedin.com/company/CIGRE-UK-NGN)
 [CIGRÉ NZ NGN \(Next GenerationN\)](https://www.linkedin.com/company/CIGRE-NZ-NGN)



YOUNG MEMBERS

FIRST CHINESE EVENT

The first event of the Chinese National Youth Committee of CIGRÉ was organised by Jing Ma, Tong Wang and Zhengtuo Zhang and was a visit and exchange with the China Electric Power Research Institute, sponsored by the Chinese Institute of Electrical Engineering and the Chinese National Committee of CIGRÉ.



During the event Young Members visited the National Engineering Laboratory of Power System Simulation, State Grid Simulation Center, State Grid Metering Center and Information System Security Laboratory. After this study tour, presentations on various topics were given:

- “A Brief Introduction of Power System Technology”,

- “High-Voltage Switchgear Device Technology” and
- “Relay Protection Profiles and Prospects”.

These were given by Guangquan Fu, deputy director of Power System Research Institute, Qingyu Li, deputy chief engineer of High Voltage Research Institute and Yanjun Li, deputy director of

relay protection laboratory, respectively. Through the activities and the exchange visit Young Members gained an understanding of current developments and key technologies in different areas of power systems, some studies carried out in CEPRI, as well as the technological problems and future prospects. All of these made this visit very profitable.

COUNTRY FOCUS

CN: Chinese National Youth Committee of CIGRÉ

Chinese National Youth Committee of CIGRÉ started in January 2010 and has since grown to

174 members.

CONTACT DETAILS

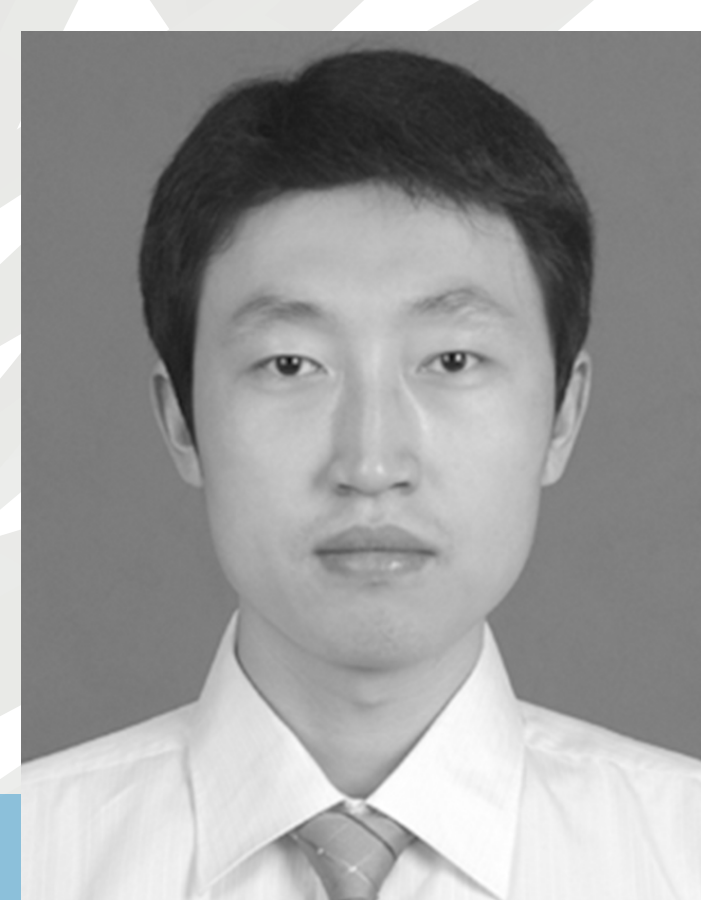
Email: hdmajing@yahoo.com.cn

Web: www.cigre.org.cn

Phone: +8615801659769

HOW TO JOIN

Make an online application through www.cigre.org.cn and your application information will be automatically sent for processing with CIGRÉ China.



Chairperson
Jing Ma



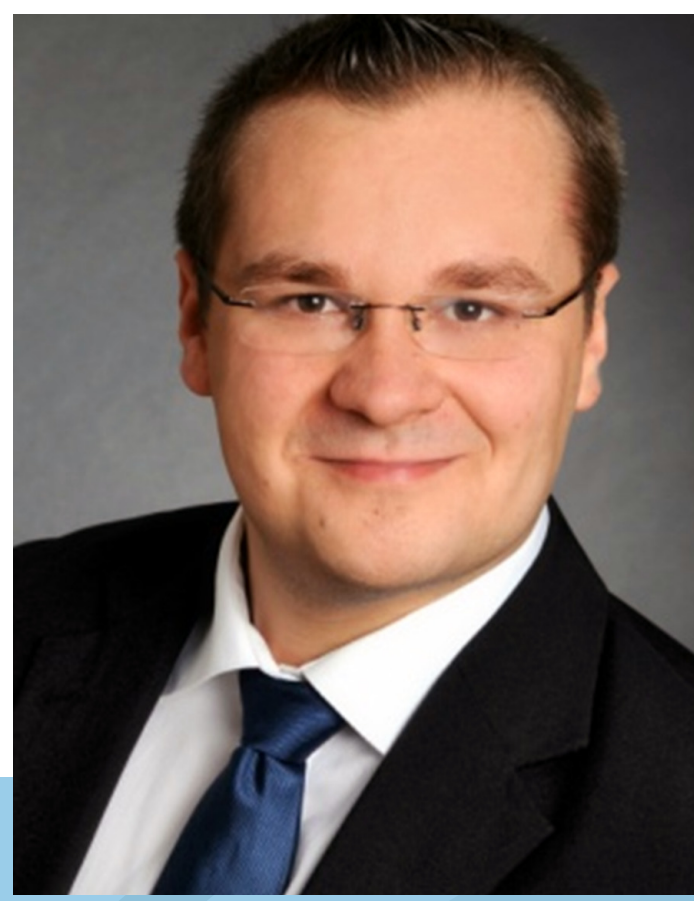
Vice Chairperson
Tong Wang



Secretary
Zhang Zhengtuo



Y O U N G M E M B E R S



Cooperation Manager
Ing. Andreas Kubis, M.Sc.

TU Dortmund, kubis@teamic.de

Andreas Kubis is the chair of Young EnergyNet and represents the organization both internally and externally. He is working on his PhD degree in the field of wide area protection and control including coordinated islanding of large electric power systems at the Institute of Energy Systems, Energy Efficiency and Energy Economics (ie³) at TU Dortmund University.



Mentoring
Martin Aichriedler

TU München, aichriedler@teamic.de

Martin Aichriedler is in charge of the Mentoring programme and coordinates as Mentoring related processes. He is studying Electrical Engineering at TU München and is working on his B.Sc degree.



Public Relations
Ing. Mathias Hoffmann, B.Eng.

Alstom Power GmbH, hoffmann@teamic.de

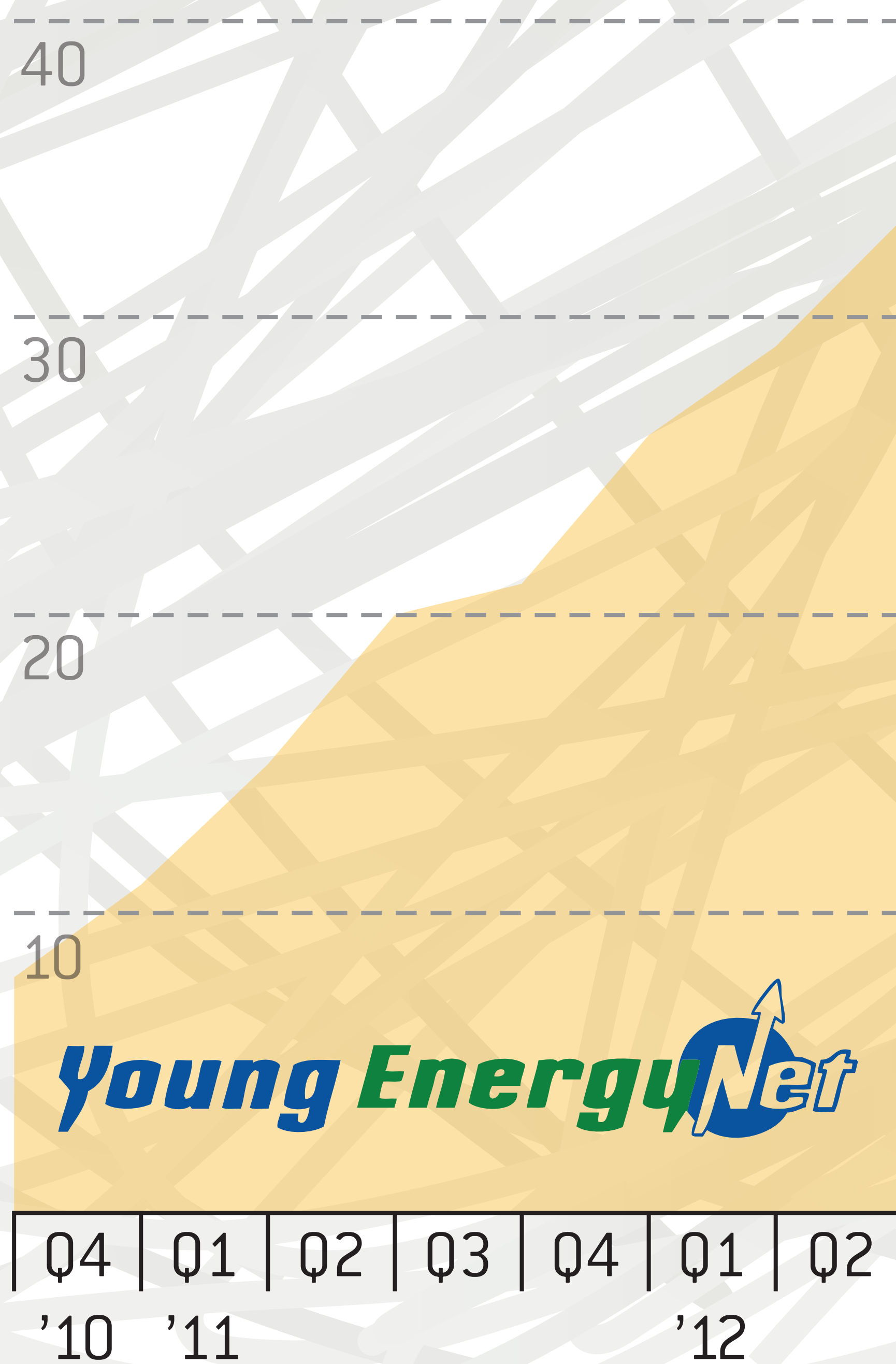
Mathias Hoffmann is head of Public Relations and in charge of the website and all other publication materials and actions related to public affairs. He is working as a development engineer for the controls and operation of steam turbines at Alstom Power GmbH in Mannheim. Furthermore, he is working part-time on his M.Sc. degree at the University of Applied Sciences Darmstadt.

COUNTRY FOCUS

DE: Young EnergyNet

Young EnergyNet is a cooperation between VDE (Association for Electrical, Electronic & Information Technologies in Germany) and the German National Committee of CIGRÉ. Young EnergyNet has been created in order to support students and young engineers in the field of power engineering.

Young EnergyNet members are eligible to take advantage of all membership benefits of VDE as well as CIGRÉ, and are able to get in touch with CIGRE Working Groups and Study Committees by joining the Young EnergyNet Mentoring programme.



Young EnergyNet was formed in October 2010 and has now grown to
33 members.

HOW TO JOIN

Membership is available only for VDE members. You will find a membership application form at the Young EnergyNet website, which will enable you to apply for a joint membership of VDE and CIGRÉ at a special membership rate. Please do not hesitate to contact us at the email address below.

CONTACT DETAILS

Post: Young EnergyNet
Stresemannallee 15
D-60596 Frankfurt
Email: yen@teamic.de
Web: www.vde.com/yen



YOUNG MEMBERS

“ We are still at the very beginning in New Zealand. Our current focus is on building up our member base through events and presentations. Video conferencing the presentations across the country is a great way of getting our presenters to more people. I think a web-based approach to video conferencing/broadcasting is

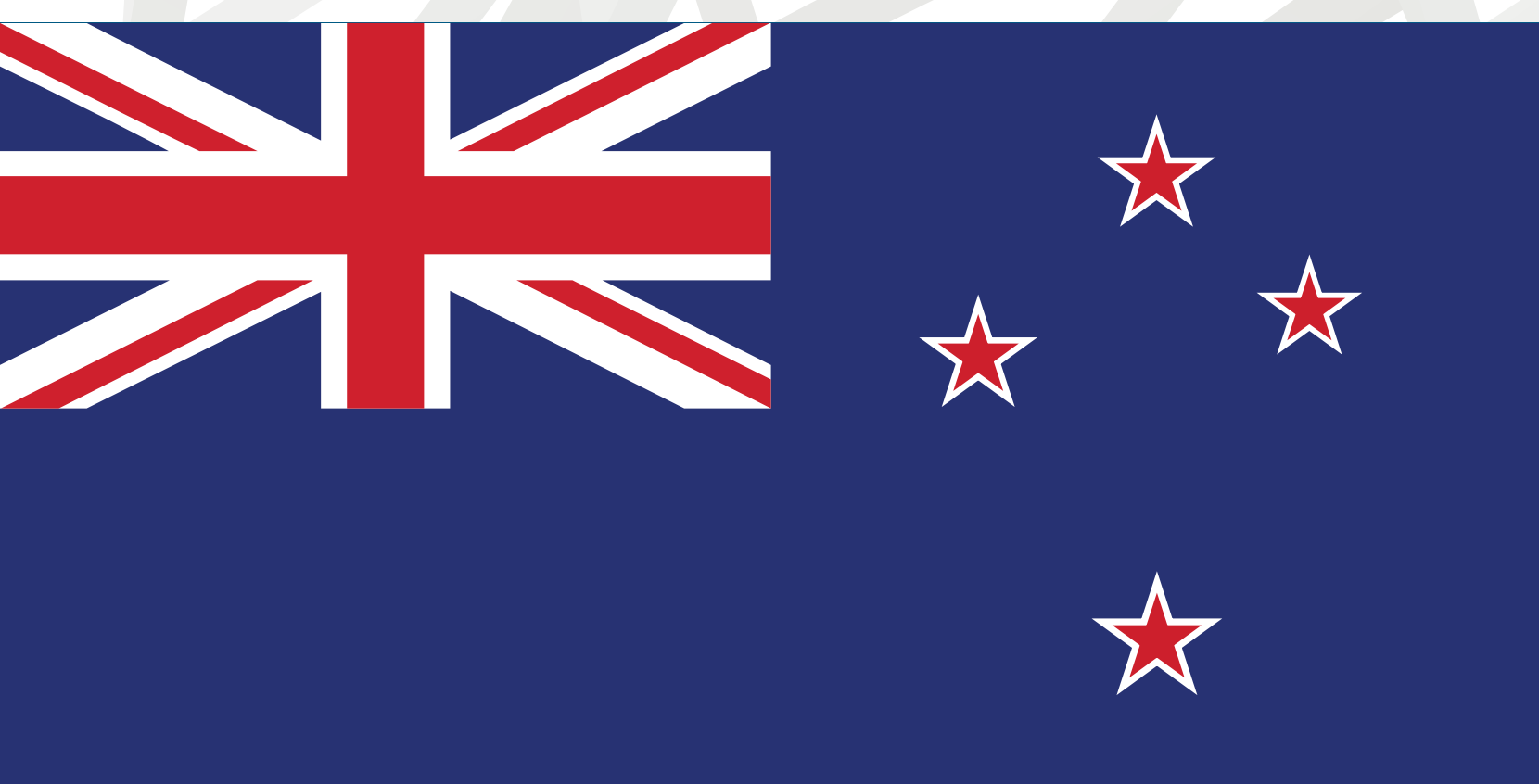
good, so that people other than those in a main centres can see the presentations from their own computer. In the main centres, once we build up numbers we could hold events between YMs and people on WGs for face to face interaction. I also like the idea the international guys have whereby their NGNs help YMs to become registered.

”



Committee Member
Farah Pollard

COUNTRY FOCUS



NZ: CIGRÉ-NZ NGN

CIGRÉ-NZ Next Generation Network (NGN) was set up in September 2011, as part of the New Zealand National Committee of CIGRÉ.

CIGRÉ-NZ NGN now has
80 members.

CONTACT DETAILS

Email: Rebecca.stewart@beca.com

Web: www.cigre.org.nz

Phone: +64 (0)3 3663521

HOW TO JOIN

Either send an email to the address above or sign up to the NZ NGN groups on Facebook or LinkedIn.



Chairperson

Rebecca Stewart

Beca, Rebecca.stewart@beca.com



CIGRÉ-NZ NC Liaison
& Treasurer

Dennis Keen

Transpower Liaison Events
Coordinator

Paul Blue

Committee Member
Stewart Hardie



YOUNG MEMBERS

Chairman
Aruna Gunatilake
 Station Engineer
 Alstom Grid

Vice Chair
Angela Rotheram
 Graduate Engineer
 Parsons Brinckerhoff

Secretary & Treasurer
Mike Holmes (acting)
 Investment Delivery Engineer
 National Grid

| EVENTS TEAM | COMMUNICATIONS TEAM | MEMBERSHIP TEAM | MEMBER SERVICES |
|---|---|---|---|
| Lead Events Coordinator Yasir Siraj Graduate Engineer Alstom Grid | Communications Coordinator James King Graduate Engineer Parsons Brinckerhoff | Lead Membership Coordinator Amir Khan Graduate Engineer Alstom Grid | Member Services Coordinator Sunny Leong Cheng System Verification Engineer Alstom Grid |
| Events Coordinator Angeliki Kavvalaki Graduate Engineer Alstom Grid | Facebook Coordinator Elise Ganendra Graduate Electrical Engineer SKM | Membership Coordinator Richard Wallis Investment Delivery Engineer National Grid | IEEE/IET Coordinator Dhaval Parmar Research Technologist Alstom Grid |
| Lead Marketing Coordinator Tianning Xu Power Electronics Engineer Alstom Grid | Webmaster & LinkedIn Peter Roddis Graduate Engineer Mott MacDonald | PARIS SESSION 2012 TEAM | |
| Marketing Coordinator Jhansi Kuchimanchi Power Systems Engineer Parsons Brinckerhoff | | | |
| | | | VIDEO 2012 Publicity Video 2012 Ross Wilson Cable Engineer RWE |

Elected Position
Voluntary Position



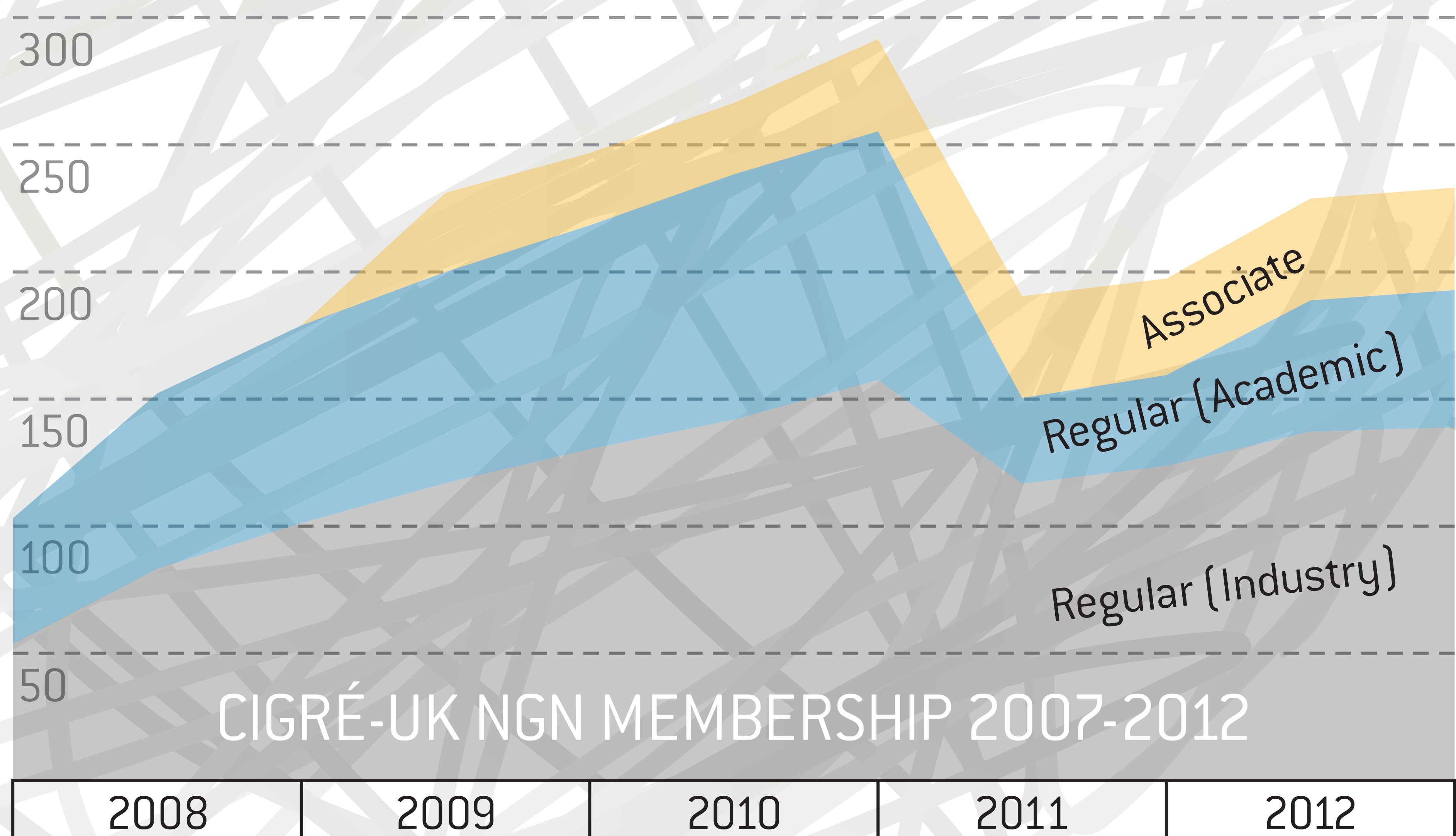
COUNTRY FOCUS

UK: CIGRÉ-UK NGN

CIGRÉ-UK Next Generation Network (NGN) was set up in 2007 by executive members of the CIGRÉ-UK National Committee and a number of young professional engineers.

CIGRÉ-UK NGN now has
228 members
 across industry and academia.

CONTACT DETAILS
 Email: NGN@cigre-ngn-uk.org
 Web: www.cigre-ngn-uk.org



- CIGRÉ-UK NGN is an extremely active group. Its activities include:
- 5 technical events a year
 - Monthly committee meetings
 - A monthly newsletter
 - 19 members in Working Groups
 - Supporting CIGRÉ-UK National Committee, including the new website development and the 2020 strategy groups.
 - Helping set up similar young member groups around the world



Y O U N G M E M B E R S

“ In November 2011 at the CIGRÉ US National Committee ‘Game Changers Symposium’ in Atlanta, GA, a group of 33 individuals [28 of whom were Young Members] met with the intention of starting a Next Generation Network here in the United States. From that group, young engineers from across the US volunteered to start developing a draft charter which is being reviewed by our members. Our first event will be in October at the USNC ‘Grid of the Future Symposium’ in Kansas City, MO. Highlights for Young Members attending this event include a tour of

the Kansas City Power & Light DOE Smart Grid Demonstration project Smart House and 1 MW battery installation, breakfast with a featured speaker Teresa Mogensen (Vice President-Transmission, Xcel Energy) and a cocktail hour social.

This is an exciting time to be a part of the NGN US as we work with USNC Executives to further define our group. We will be electing officers later this year and hope to start connecting our Young Members with US members of CIGRÉ Working Groups.

”



Interim Chair
Jason MacLeod

Burns & McDonnell, rmacleod@burnsmcd.com

COUNTRY FOCUS

US: CIGRÉ-US NGN



CIGRÉ-US Next Generation Network (NGN) started in December 2011 and is sponsored by members of the US National Committee:

- Rob Manning, Vice President, Tennessee Valley Authority
- John McDonald, Director, GE Energy

CIGRÉ-US NGN now has
28 members.

CONTACT DETAILS

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JOIN AT

cigre-usnc.tamu.edu/membership/



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Mike Lombardo
Burns & McDonnell

Marketing Committee
Danielle Anderson
Duke Energy

Marketing Committee
Marlon Cunningham
Northeast Utilities

Charter Committee
Joshua Snodgrass
Duke Energy

Charter Committee
Chris Raczynski
GE



YOUNG MEMBERS