

Grid Integration Week

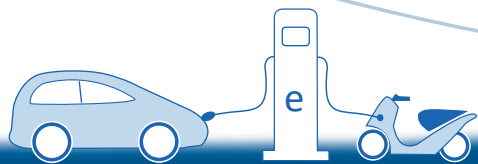
2nd E-Mobility Power System Integration Symposium

8th Solar Integration Workshop

17th Wind Integration Workshop

BACKGROUND INFORMATION

Stockholm, Sweden
15 - 19 October 2018



CONTACT

Thomas Ackermann, PhD
+49 (0)151 22661955
t.ackermann@energynautics.com

Energynautics GmbH, Germany
www.energynautics.com

www.mobilityintegrationsymposium.org
www.solarintegrationworkshop.org
www.windintegrationworkshop.org

Introduction

The “International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants” looks back to a year-long history. Its **main objective** is to **stimulate interdisciplinary thinking** between **wind energy & power transmission industries** as well as **universities** by providing a platform for discussion and for sharing ideas and knowledge regarding the key issues in the field of large-scale integration of wind power.

History

In the fall of **1999**, two Ph.D. students who were working at the Department for Electric Power Systems of the Royal Institute of Technology, **Stockholm, Sweden** spent many hours discussing the integration of wind power into power systems and possible applications of HVDC technology for offshore wind farms.

It soon became clear that these topics would interest and require a wider audience including experts from the wind industry. The result was the **International Workshop on Feasibility of HVDC Transmission Networks for Offshore Wind Farms** organized at the Royal Institute of Technology in spring 2000.

After having been organized for three consecutive years in Sweden, the workshop has since taken place in a different city each year, mostly in Europe but also in Canada in 2010. For 2018, we will now return to Sweden. Co-Organizer will be the Royal Institute of Technology.

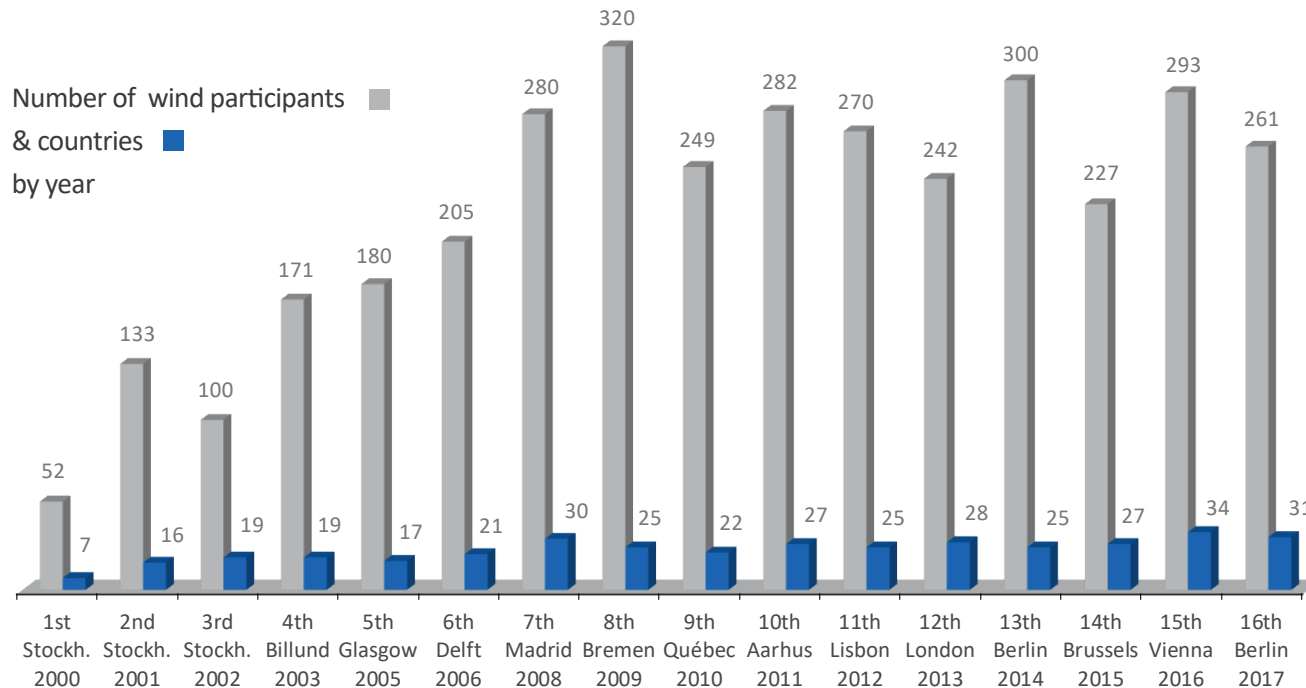
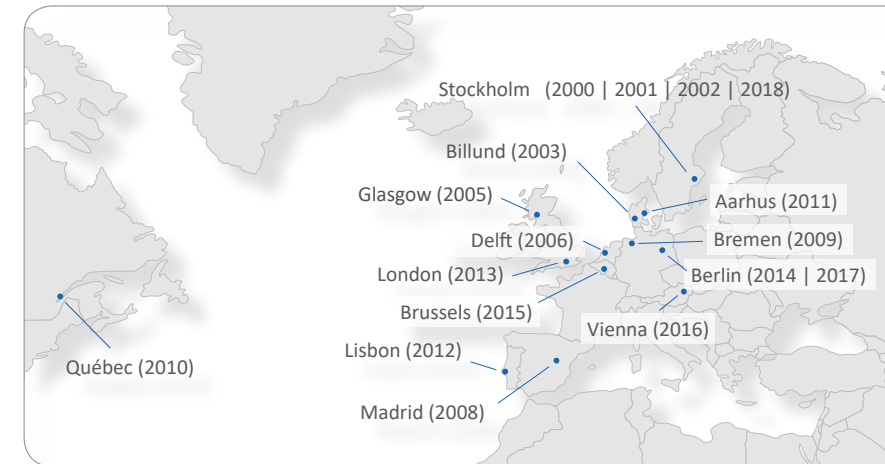


Development of the Wind Integration Workshop

17 years after its first edition, the Wind Integration Workshop has developed into one of the premier conferences in its field, providing an excellent platform for discussing the subject of grid integration of wind power into power systems.

It has been organized by Energynautics and its CEO, Thomas Ackermann, since 2006.

Having started with only 52 participants from 7 countries, the Wind Integration Workshops attracts nowadays between 230 and 300 participants each year from around 25 to 35 countries.



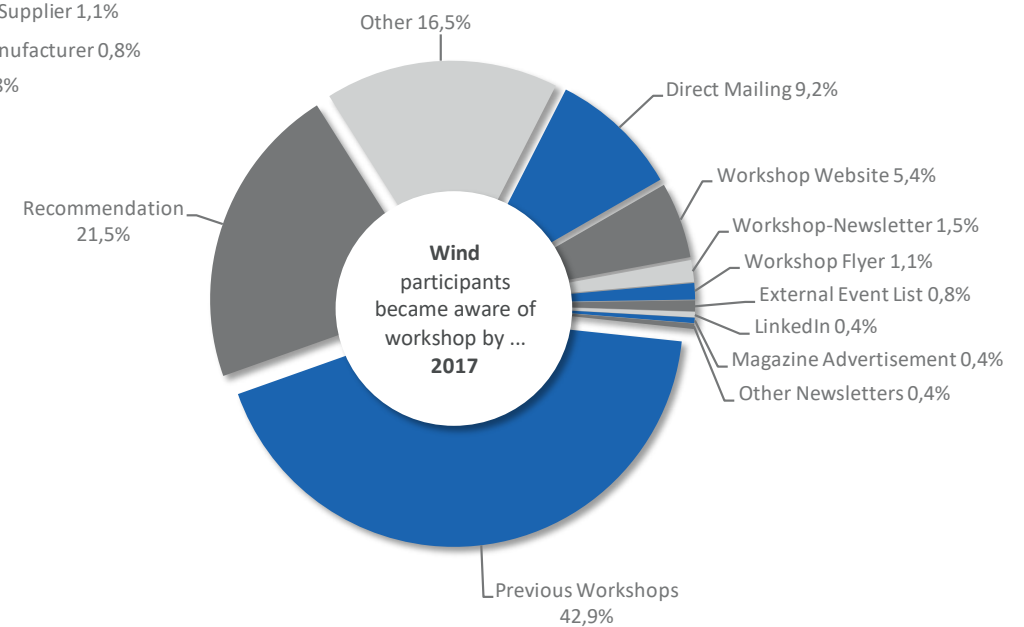
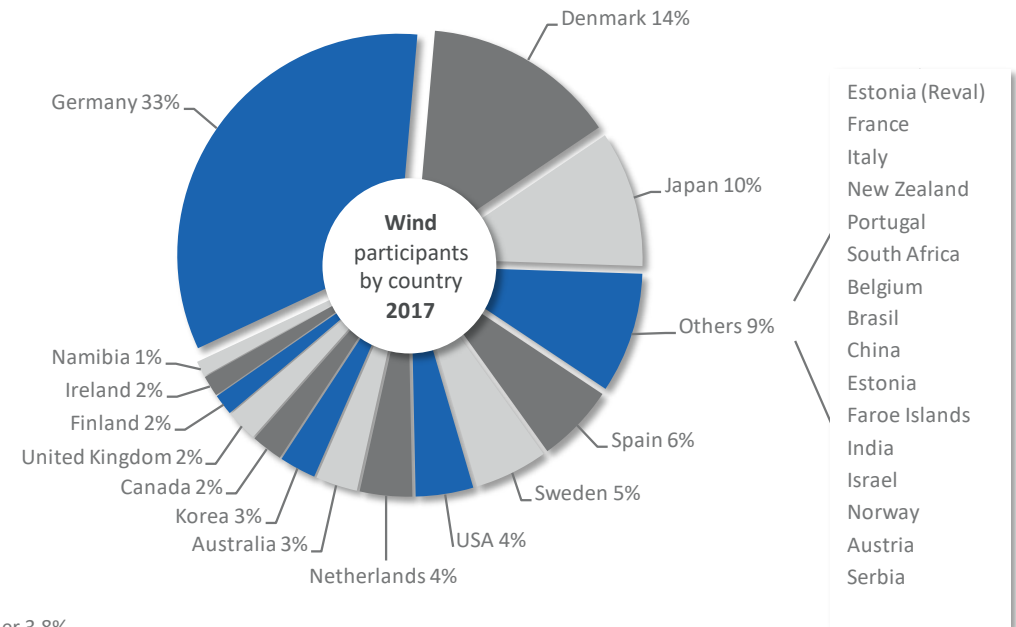
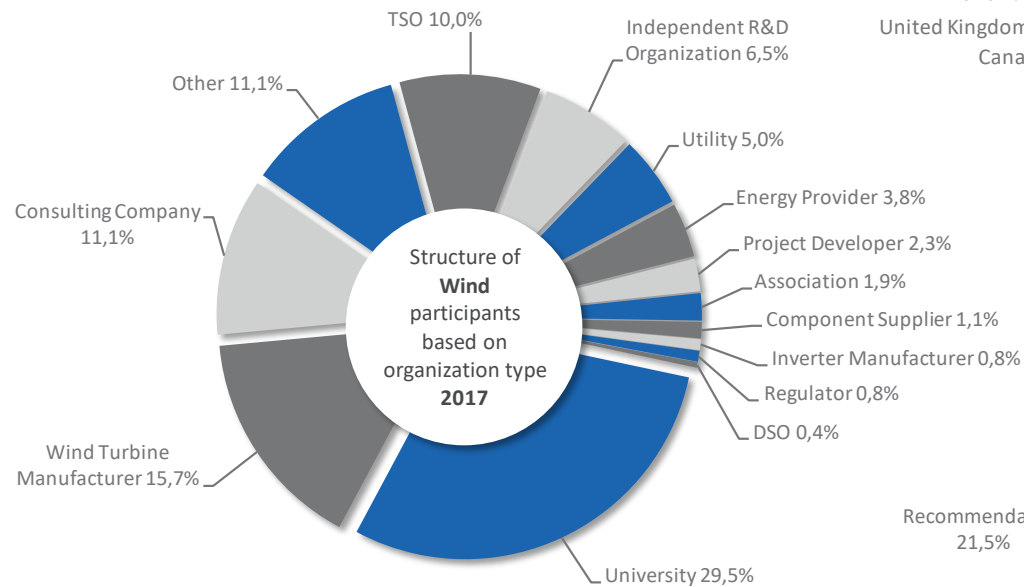
Involvement of TSOs

The following table provides an overview of the involvement of TSOs at past workshops:

Location, Year	Role of TSO	Comment
Berlin 2017	Tennet: Sponsor, Presenters and Partner in Opening Session	
Vienna 2016	Austrian Power Grid: Sponsor, Presenters, Study Trip Organizer	
Brussels 2015	Elia Group/50Hertz: Sponsor and Study Trip Organizer	
Berlin 2014	50Hertz: Sponsor, Presenter in Opening Session	
London 2013	National Grid: Sponsor, Presenters, Partner in Opening Session and dedicated National-Grid session	
Lisbon 2012	REN: Supporter, Presenters and Partner in Opening Session	
Aarhus 2011	Energinet.dk: Supporter, Co-organizer for Field Trip, Presenter and Partner in Opening Session, Special Energynet.dk day	We organized the Energinet.dk day for Energinet.dk
Québec 2010	Hydro Québec: Sponsor, Co-organizer for field trip, Presenter and Partner in Opening Session	
Bremen 2009	Transpower, Germany; EnBW, Germany; Energinet.dk, Denmark; National Grid, UK; REE, Spain: Presenters	
Madrid 2008	REE: Sponsor, Presenter and Partner in Opening Session	
Delft 2006	Tennet: Sponsor, Presenter and Partner in Opening Session	
Glasgow 2005	Scottish and Southern Energy as well as Scottish Power: Sponsor, Presenter and Partner in Opening Session	
Billund 2003	Eltra (now Energinet.dk): Sponsor, Co-organiser for Field Trip, Presenter and Partner in Opening Session, Special Eltra Day	We organized the Eltra day for Eltra

Wind Integration Workshop 2017, Berlin/Germany

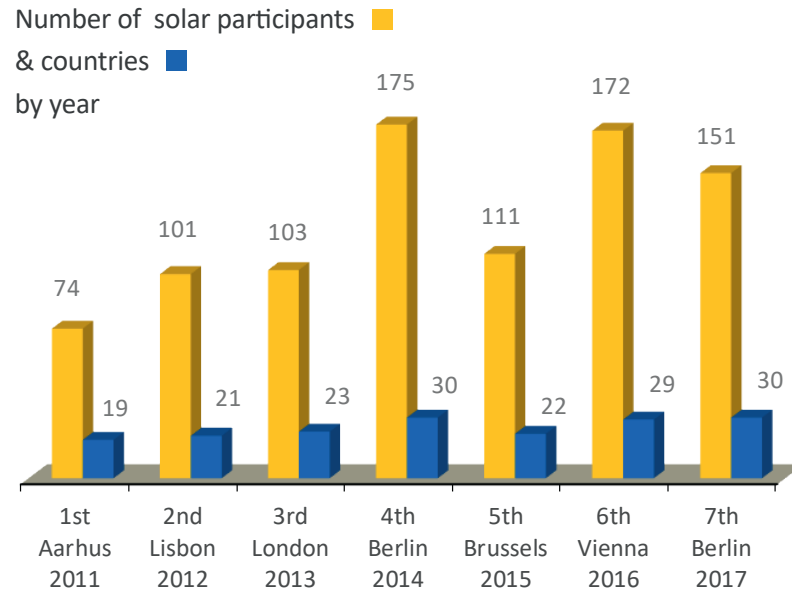
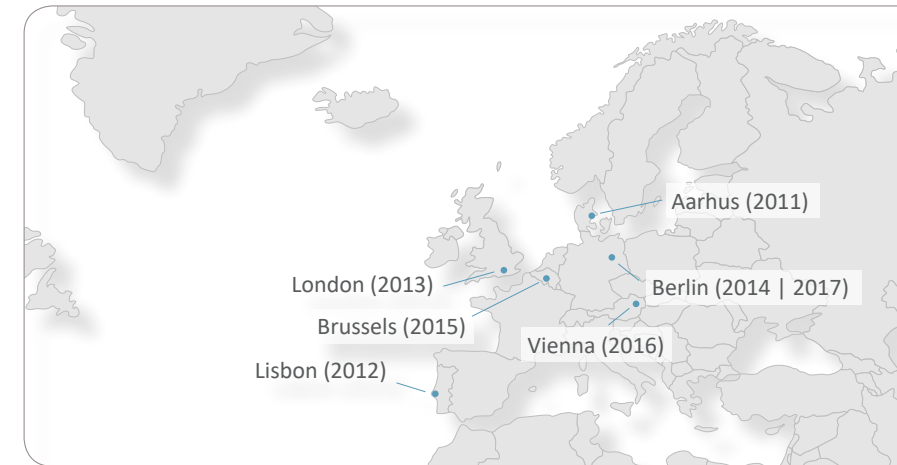
The following charts about our previous workshop show the origin of the participants regarding their country and the type of organization/company they work for. Moreover we present the type of awareness to specify how they have found the way to our event.



Solar Integration Workshop

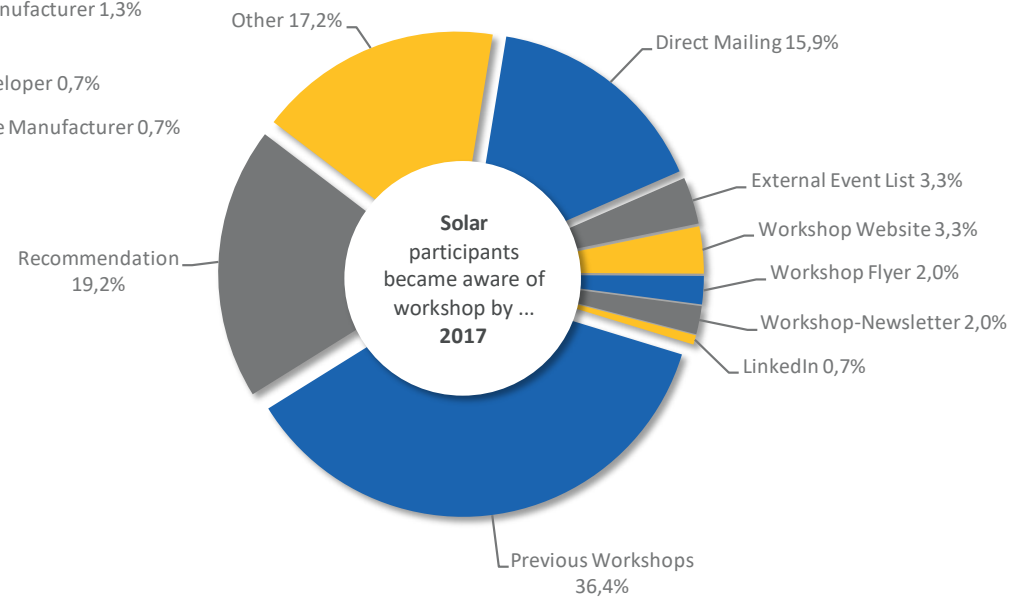
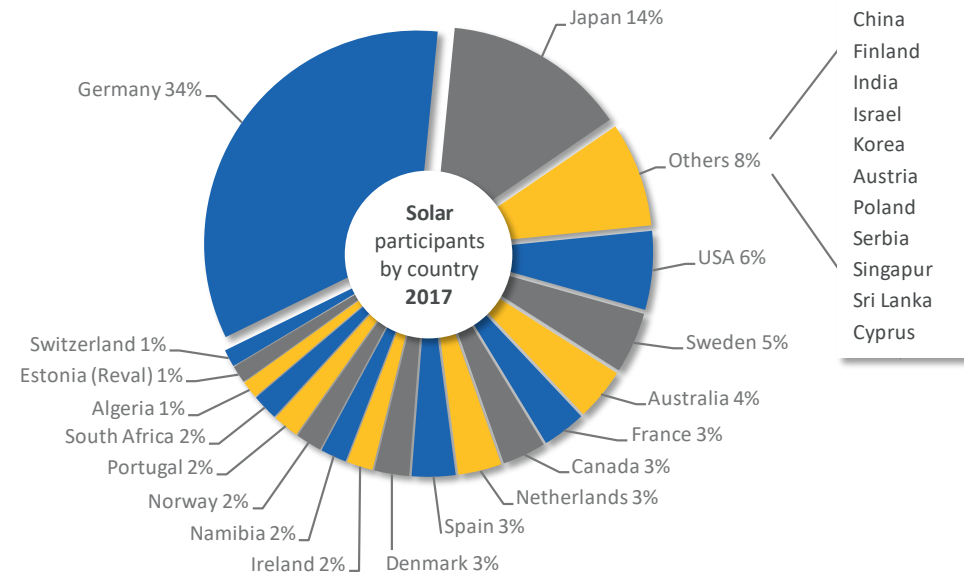
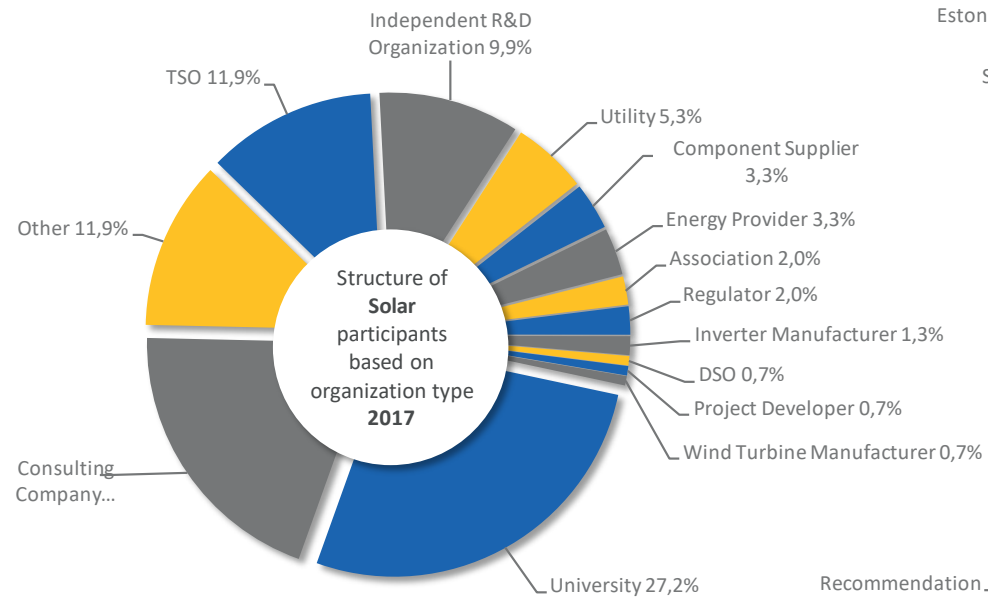
The increasing interest in solar integration issues motivated us to organize the first Solar Integration Workshop in Aarhus in 2011. Since the second edition, the number of participants has always reached more than 100, and even 175 in Berlin (2014) and 172 in Vienna (2016).

The next Solar Integration Workshop will be held in Stockholm/Sweden with a duration of 1.5 days, following the 2nd E-Mobility Power System Integration Symposium and preceding the 17th Wind Integration Workshop.



Solar Integration Workshop 2017, Berlin/Germany

Have a look at the following charts providing facts and figures on the participants of the previous Solar Integration Workshop.

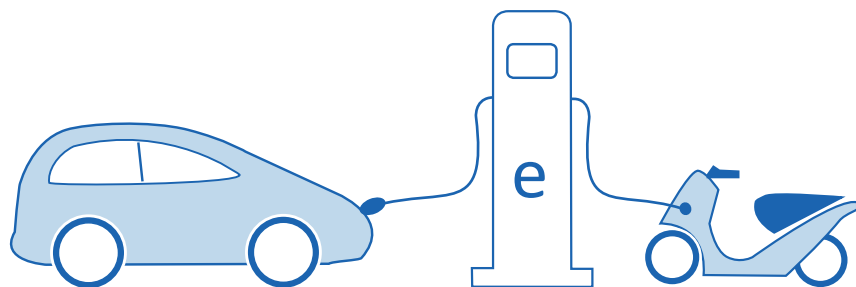


E-Mobility Power System Integration Symposium

To implement the ambitious goal outlined in the Paris Agreement to keep the increase in global average temperature below 2 °C, significant changes in the transport sector are required: Greenhouse emissions in the transport sector need to decrease substantially, which calls for an increase in the share of E-Mobility solutions in the transportation sector. It is equally important to ensure that these vehicles are being charged with energy from renewable energy sources. Otherwise, depending on the source of electricity used to recharge the batteries, emissions are only shifted to the location of the generation plants. The electricity used to recharge the batteries must be generated from renewable or clean sources such as wind, solar, or hydroelectric energy for Plug-in Electric Vehicles (PEVs) to have almost none or zero well-to-wheel emissions.

The purpose of the **E-Mobility Power System Integration Symposium** is to discuss the challenges that arise with increased power demand due to electric vehicle charging, and how they can be met by coordinating with renewable power production in the electrical system (hence the combination with the Solar & Wind Integration Workshop). The selection of topics also highlights the need for integrating the required electric vehicle charging infrastructure with the expansion of the distribution and transmission system.

The **Symposium** offers a prime opportunity to discuss the significant future impact of E-Mobility on power system design and operation. It aims to bring together experts on electric vehicles, charging infrastructure, power system operators, and stakeholders of the renewable energy industry as well as power system regulators and universities.



E-Mobility Power System Integration Symposium

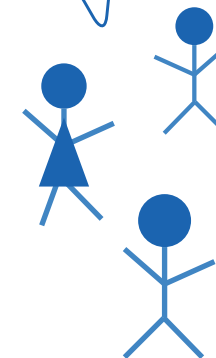
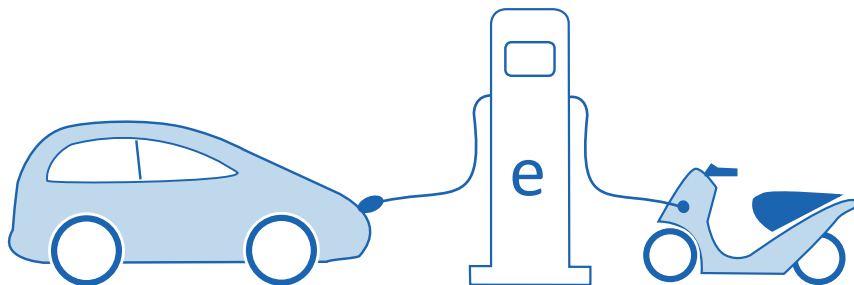
International Advisory Committee

The Symposium Advisory Committee consists of currently 16 members. Besides giving general advice for content and topics of the symposium, and working as reviewers of submitted abstracts during the Call for Paper process, they are acting as multipliers for the symposium idea and date. All members receive the paper leaflets and support the symposium communication.

- Thomas Ackermann | Energynautics, Germany
- John Anderson | National Aeronautics and Space Research Centre (DLR), Germany
- Jann Binder | Center for Solar Energy and Hydrogen Research Baden-Württemberg (ZSW), Germany
- Hermann de Meer | University of Passau, Germany
- Markus Dietmannsberger | Hamburger Hochbahn, Germany
- Bernd Engel | TU Braunschweig, Germany
- Robert Eriksson | Volvo Car Corporation, Sweden
- Reno Filla | Volvo Construction Equipment, Sweden
- Elin Karlsson | KTH – Royal Institute of Technology, Sweden
- Sonja Klingert | University of Mannheim, Germany
- Lars Nordström | KTH – Royal Institute of Technology, Sweden
- Maria Perez Ortega | Gfi, Belgium
- Juliane Selle | ENERCON, Germany
- Lennart Söder | KTH – Royal Institute of Technology, Sweden
- Felix Steck | National Aeronautics and Space Research Centre (DLR), Germany
- Emanuele Taibi | IRENA, Germany
- Oskar Wallmark | KTH – Royal Institute of Technology, Sweden
- more tba

Symposium
Advisory
Committee

See you at the
workshops in
Stockholm!



Proposed Preferential Topics of the Symposium

Project Experience

- World-wide project experience related to electric vehicles (EVs) and power system integration and operation
- Experience with integration of EVs into power systems

Power System Aspects

- World-wide EVs grid integration studies – methods and results; also in combination with renewable wind energy/VRE grid studies
- EVs integration study methodologies and data requirements
- Impact of EVs on demand profiles
- Electricity demand forecast with EVs
- Power system balancing with high share of EVs
- Dynamic impact of EVs on power system operation
- Power quality issues related to EVs

Distribution Grid Issues

- EVs in weak distribution grids – connection experience and studies
- Protection aspects related to EVs in distribution grids

Market Issues

- World-wide market design and regulatory issues related to EVs
- Design concepts for ancillary services with EVs
- Evaluation of rules and mechanisms for integrating of EVs
- Role of EVs in the electricity market

Charging Infrastructure

- Charging infrastructure concepts
- Impact of EV charging infrastructure on distribution networks/power system
- Required EV infrastructure and its impact on power system infrastructure
- Standards and interoperability for charging interfaces and communication between vehicle and infrastructure
- Electric charging monitoring and prediction systems
- Innovative Smart Grid/IT solutions considering electric mobility

Modelling Aspects

- Modelling of EV/charging infrastructure inverters for system integration studies including methods of testing and verification of compliance with requirements
- Modelling of EV/charging infrastructure for power system planning and interconnection studies

Grid Code Issues

- Interconnection standards/grid codes for EVs

Smart Grid Aspects

- Vehicle-to-grid (V2G) services (e.g. V2G providing ancillary services for power system)
- Virtual power plants with EVs
- Communication, control and coordination of EVs charging
- New and emerging features of power systems with high share of EVs

Decarbonization of Energy Sectors

- Sector coupling – transportation, heat and electricity sector coupling for decarbonization of energy sectors
- Modelling of sector coupling with focus on EVs
- EV charging with renewable energy (Wind & Solar)

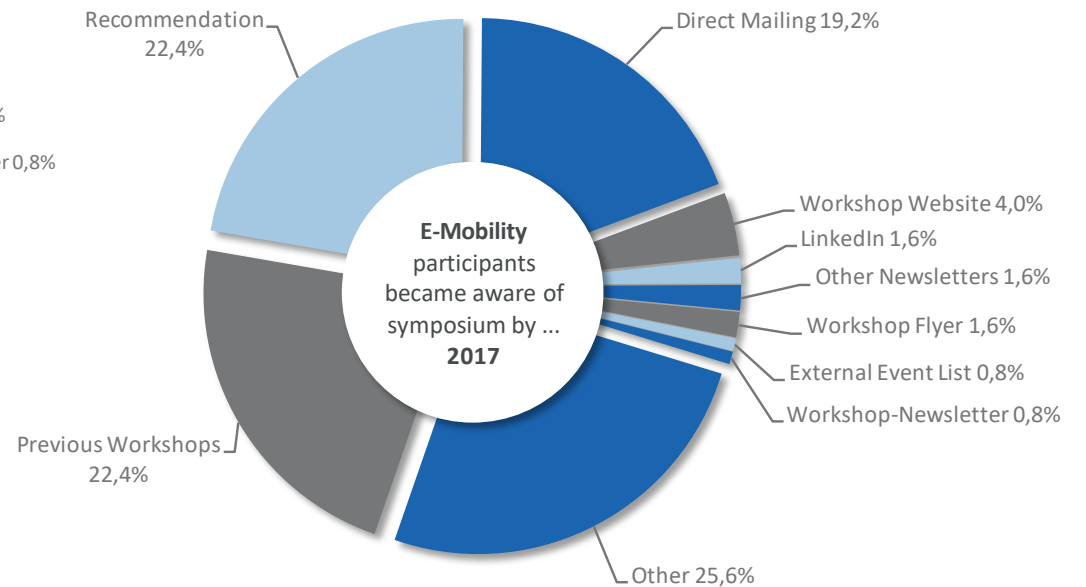
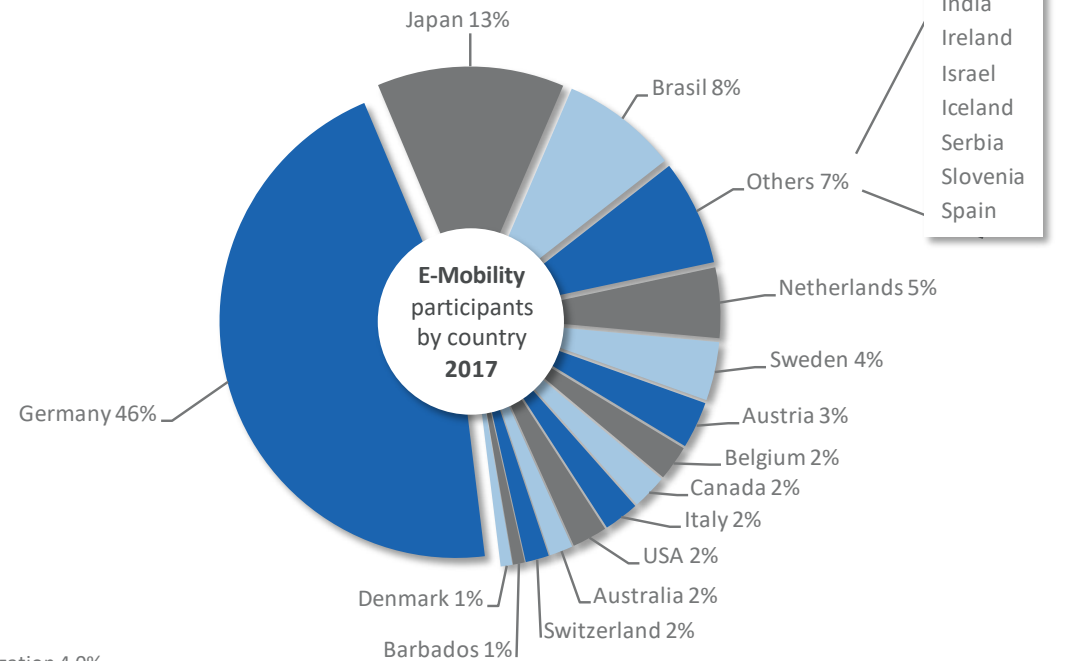
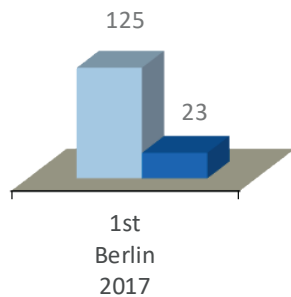
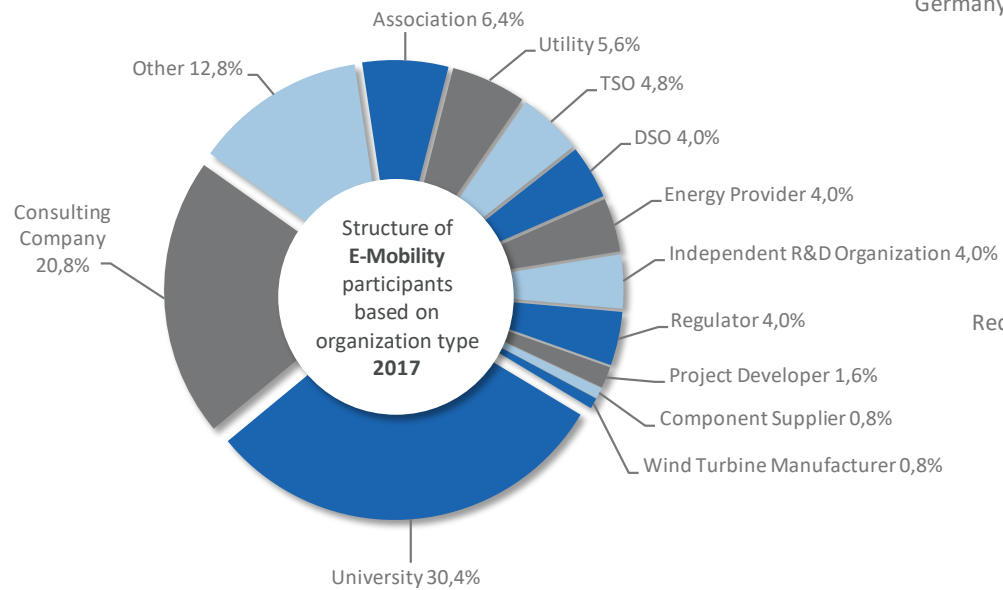
Mobility Concepts

- Conversion of (public) fleets to e-mobility: concepts, strategies and experiences and its impact on grid integration
- New electricity based mobility concepts and its impact on power system infrastructure/operation
- Future mobility concepts and its impact on power system infrastructure/operation



E-Mobility Integration Symposium 2017, Berlin/Germany

Learn about the 1st E-Mobility Symposium and its participants with the help of the following charts.



Grid Integration Week 2018

The Grid Integration Week will start with the E-Mobility Power System Integration Symposium, followed by the Solar Integration Workshop and the Wind Integration Workshop.

- Date & location: 15 - 19 October 2018 in Stockholm/Sweden
- Expected number of participants: >100 E-Mobility / >150 Solar / >250 Wind

Preliminary Timetable:

Day	Schedule
Monday, 15 October	E-Mobility Symposium Evening: E-Mobility Dinner
Tuesday, 16 October	Solar Workshop – Day 1 Evening: Solar Poster Reception & Networking
Wednesday, 17 October	Until Noon: Solar Workshop – Day 2 Early Afternoon: Wind Tutorial (tbc) Afternoon: Wind Workshop – Day 1 Evening: Solar & Wind Dinner
Thursday, 18 October	Wind Workshop – Day 2 Evening: Wind Poster Reception & Networking
Friday, 19 October	Wind Workshop – Day 3

Workshops
of 2018

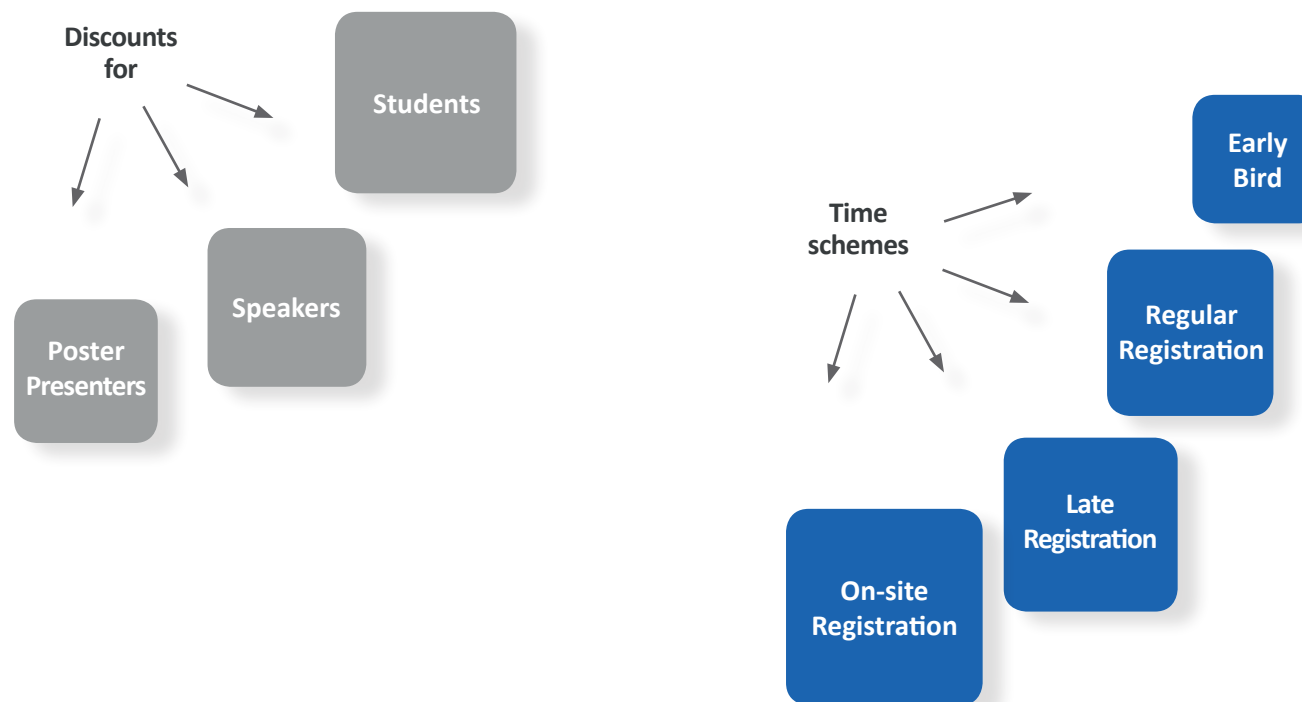


For further details visit:

www.mobilityintegrationsymposium.org
www.solarintegrationworkshop.org
www.windintegrationworkshop.org

Structure of Registration Fees

In order to win participants of every target group to form the inspiring mixture of **speakers, poster presenters and regular visitors** from different research sectors and institutions the registration fees are based on a mixed calculation to address the needs of every target group specifically: **students, university staff, associations, N.G.O.s, public institutions, companies**. Students may register for the highest discount as well as speakers and poster presenters. Regular participants are offered three different time schemes – early bird, regular registration, late registration. For last minute participants we also offer on-site registration.



Communicating the Workshops

Although a large portion of our participants from previous workshops are “repeaters” (45-50%) or came by recommendation (about 20%), we constantly strive for gaining new participants. Therefore, the workshop communication makes use of different communication channels:

- **Cooperations with Universities:**

In order to maintain our goal of providing a platform not only for industry professionals but also for university members, we will cooperate in 2018 with the Royal Institute of Technology (KTH). This will also give other participants the opportunity to learn more about results from ongoing research. For sponsors this is a great way to network with young professionals who have a strong academic background.

- **Websites:**

The basis for all information regarding the symposium and the workshops are the event websites (see below): They compile information about the workshop’s history, past programs, proceedings and the information about the current program, venue, and accommodation opportunities.

During the last **6 months** before the event the websites are viewed by:

	Unique visitors per month	Unique visitors per day
www.mobilityintegrationsymposium.org	average of 8,000	average of 260
www.solarintegrationworkshop.org	average of 12,800	average of 420
www.windintegrationworkshop.org	average of 16,000	average of 520

The page views spread evenly over the time of the day (24h around the world) and the days of the week (week/weekend = 3:1).

- **Newsletters:**

The main means of communication to disseminate the workshop are workshop newsletters, sent monthly/ fortnightly to about 17,000 potential visitors. It contains the current basic information linking to the workshop website for more detailed information.

- **Social Media:**

Different aspects of the workshop are communicated on several social media platforms (and their groups) such as:

LinkedIn > <http://www.linkedin.com/groups/Solar-Wind-Integration-Workshop-Renewables-4813626>

Twitter > <https://twitter.com/SolarWindIntWS>

Xing > Postings in different groups on renewable energy

- **Online & Print Media:**

The workshop date is listed on several renewable energy event lists and calendars on- and offline. Furthermore, advertisements get published regularly to promote the workshop.

- **Leaflets:**

Paper leaflets/flyers are produced for distribution among interested institutions and participants.

- **Direct Mailing:**

Previous workshop participants will receive information about the Call for Papers and later on about the program via mail.



International Advisory Committees:

The Workshop Advisory Committees consist of currently 36 members for the Wind Integration Workshop and 19 for the Solar Integration Workshop. Besides giving general advice for content and topics of the workshop, and working as reviewers of submitted abstracts during the Call for Paper process, they are acting as multipliers for the workshop idea and date. All members receive the paper leaflets and support the workshop communication.

Wind

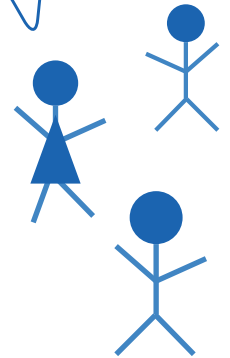
- Thomas Ackermann | Energynautics, Germany
- Sigrid Bolik | Servion, United Kingdom
- Peter W. Christensen | Vestas, Denmark
- Jaap de Boer | Energy Watch, Netherlands
- Julian Eggleston | Australian Energy Market Commission, Australia
- Hanna Emanuel | Enercon, Germany
- Ana Estanqueiro | LNEG, Portugal
- Alain Forcione | IREQ Hydro Québec, Canada
- Jens Fortmann | HTW Berlin – University of Applied Sciences, Germany
- Daniel Fraile | WindEurope, Belgium
- Michael Nørtoft Frydensbjerg | Vattenfall Renewables Wind, Denmark
- Francisco Gafaro | IRENA, Germany
- Paul Gardner | DNV GL – Energy, United Kingdom
- Gregor Giebel | Risø DTU, Denmark
- Jutta Hanson | Technical University Darmstadt, Germany
- Bo Hesselbæk | Vestas, Denmark
- Hannele Holttinen | VTT, Finland
- Reza Iravani | University of Toronto, Canada
- Debra Lew | GE Energy Consulting, USA
- Frank Martin | Siemens Gamesa, Denmark
- Julia Matevosyan | ERCOT, USA
- Nickie Menemenlis | Hydro Québec-IREQ, Canada
- Lars Nordström | KTH – Royal Institute of Technology, Sweden
- Antje Orths | Energinet.dk, Denmark
- Markus Pöller | M.P.E., Germany
- Eckard Quitmann | Enercon, Germany
- Nigel Schofield | University of Huddersfield, United Kingdom
- J. Charles Smith | UVIG, USA
- Lennart Söder | KTH – Royal Institute of Technology, Sweden

- Poul Sørensen | DTU Wind Energy, Denmark
- Jian Sun | Rensselaer Polytechnic Institute, USA
- Pieter Tielens | KU Leuven, Belgium
- Adrian Timbus | ABB, Switzerland
- Helge Urdal | Urdal Power Solutions, United Kingdom
- Patrick van de Rijt | TenneT TSO, Germany
- Yoh Yasuda | Kyoto University, Japan

Solar

- Thomas Ackermann | Energynautics, Germany
- Jens Bömer | EPRI, USA
- Sigrid Bolik | Servion, United Kingdom
- Roland Bründlinger | AIT Austrian Institute of Technology, Austria
- Edward Coster | Stedin, Netherlands
- Julian Eggleston | Australian Energy Market Commission, Australia
- Bernd Engel | SMA Solar Technology, Germany
- Bernhard Ernst | Bernhard Ernst Energy Consulting, Germany
- Lars Landberg | DNV GL, Denmark
- Debra Lew | GE Energy Consulting, USA
- Nickie Menemenlis | Hydro Québec-IREQ, Canada
- Lise Nielson | Linie P, Denmark
- Lars Nordström | KTH – Royal Institute of Technology, Sweden
- Dezso Sera | Aalborg University, Denmark
- J. Charles Smith | UVIG, USA
- Lennart Söder | KTH – Royal Institute of Technology, Sweden
- Emanuele Taibi | IRENA, Germany
- Adrian Timbus | ABB, Switzerland
- Julio Usaola | Charles III University of Madrid, Spain

See you at the
workshops in
Stockholm!



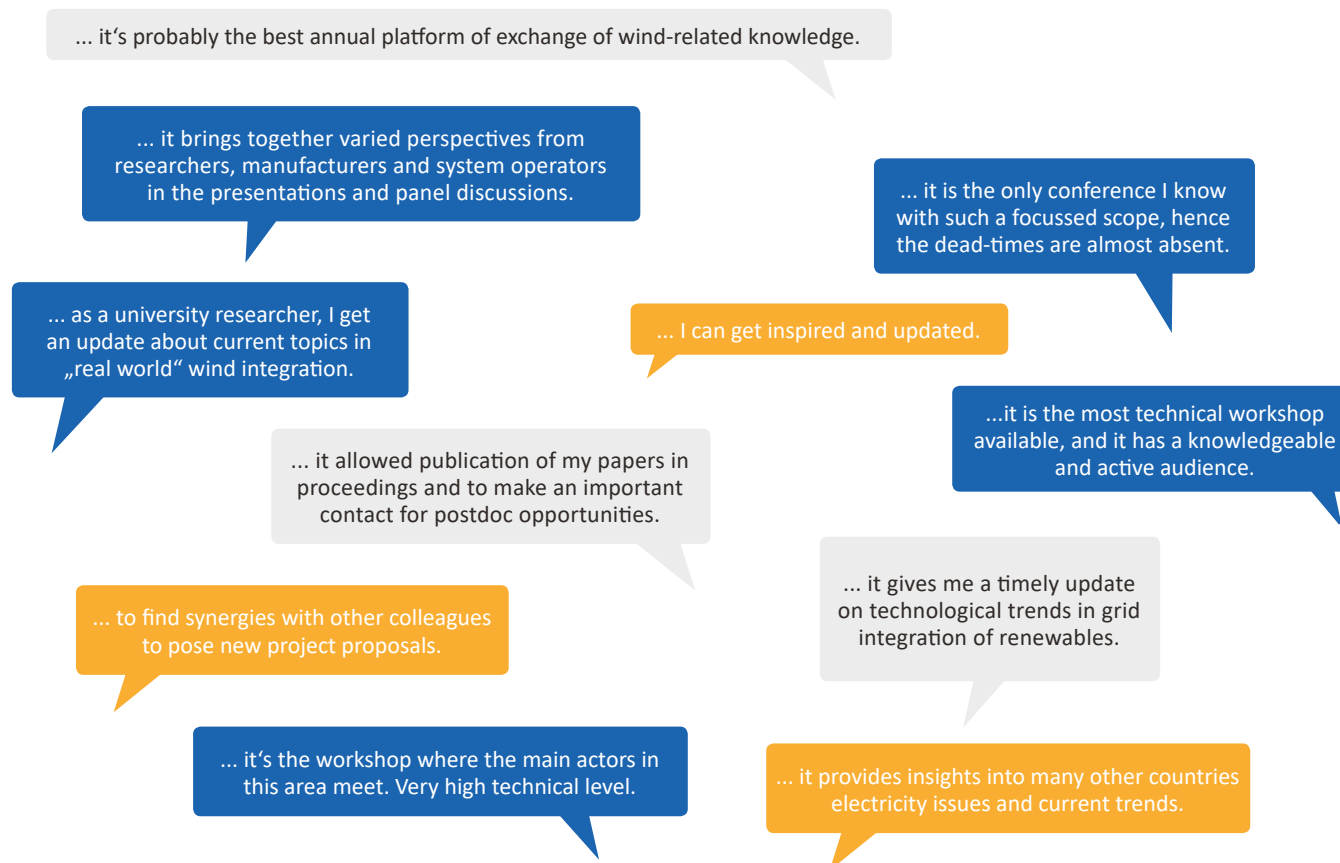
Quality Control & Feedback

The participants of every workshop receive the opportunity to give their feedback after the event answering a number of questions regarding the quality of the workshop program, venue, location and organization.

The workshop team evaluates the answers thoroughly and initiates changes wherever applicable. Many new ideas are making its way to us this way.

Selected answers from previous participants:

The Wind Integration Workshop is important for me because...



Workshop Quality

Feedback Examples “Wind”
[surveymonkey.com](https://surveyMonkey.com)

Your Benefits as Sponsor

Being sponsor of the Solar & Wind Integration Workshops and/or the E-Mobility Integration Symposium not only raises awareness for your company among participants but also gives you the following two main advantages:

MEET YOUR FUTURE EMPLOYEES & PARTNERS



- Find highly qualified students & professionals among participants
- Network with potential candidates at your company roundtable
- Display your job announcements in our workshop material & on rollups
 - Meet potential partners for new projects

PROFESSIONAL TRAINING FOR YOUR TEAM



- Train your employees on specific topics about the integration of RE
 - Share & receive fresh ideas about current issues
- Find solutions for your ongoing projects in industry & academia
 - Have serious discussions with worldwide experts

Sponsor Packages “Wind Integration Workshop”

- **Small** company logo on Wind Workshop website, newsletters, flyers, proceedings, rollups etc.
- **One** participant of the sponsor can join the Wind Workshop (incl. solar & wind dinner/excl. tutorials)
- Up to **three** additional workshop proceedings
- One page advertisement **4c** in the proceedings
- One rollup during the workshop
- Distribution of leaflets during the workshop

Sponsorship Fee: **Contact us!**

Mega Sponsor

- **Large** company logo on Wind Workshop website, newsletters, flyers, proceedings, rollups etc.
- **Three** participants of the sponsor can join the Wind Workshop (incl. solar & wind dinner/excl. tutorials)
- Up to **five** additional workshop proceedings
- One page advertisement **4c** in the proceedings
- **One** rollup during the workshop
- Distribution of leaflets **in delegate bags**

Sponsorship Fee: **Contact us!**

Giga Sponsor

- **Large** company logo on Wind Workshop website, newsletters, flyers, proceedings, rollups etc.
- **One special additional logo arrangement** (see page 21 for all options)
- **Five** participants of the sponsor can join the Wind Workshop (incl. solar & wind dinner/excl. tutorials)
- **Corporate roundtable** for technical discussions, networking & recruiting during breaks and poster session
- One page advertisement **4c** in the proceedings
- Up to **two** rollups or **one** display during the workshop
- Up to **five** additional workshop proceedings
- Distribution of leaflets and inserts in **delegate bags**
- **Content box** in one workshop newsletter issue in August or September 2018
- Optional: One page advertisement **4c** in the proceedings as **inside back or front cover** (1,000 Euro surcharge)

Sponsorship Fee: **Contact us!**

Tera Sponsor



<<< Example Packages

Contact us for an individual offer that fits your requirements!



Sponsor Packages “Solar Integration Workshop”

- **Small** company logo on Solar Workshop website, newsletters, flyers, proceedings, rollups etc.
- **One** participant of the sponsor can join the Solar Workshop (incl. solar & wind dinner/excl. tutorials)
- Up to **three** additional workshop proceedings
- One page advertisement **4c** in the proceedings
- One rollup during the workshop
- Distribution of leaflets during the workshop

Sponsorship Fee: **Contact us!**

Mega Sponsor

- **Large** company logo on Wind Workshop website, newsletters, flyers, proceedings, rollups etc.
- **Three** participants of the sponsor can join the Solar Workshop (incl. solar & wind dinner/excl. tutorials)
- Up to **five** additional workshop proceedings
- One page advertisement **4c** in the proceedings
- **One** rollup during the workshop
- Distribution of leaflets **in delegate bags**

Sponsorship Fee: **Contact us!**

Giga Sponsor

- **Large** company logo on Wind Workshop website, newsletters, flyers, proceedings, rollups etc.
- **One special additional logo arrangement** (see page 21 for all options)
- **Five** participants of the sponsor can join the Solar Workshop (incl. solar & wind dinner/excl. tutorials)
- **Corporate roundtable** for technical discussions, networking & recruiting during breaks and poster session
- One page advertisement **4c** in the proceedings
- Up to **two** rollups or **one** display during the workshop
- Up to **five** additional workshop proceedings
- Distribution of leaflets and inserts in **delegate bags**
- **Content box** in one workshop newsletter issue in August or September 2018
- Optional: One page advertisement **4c** in the proceedings as **inside back or front cover** (1,000 Euro surcharge)

Sponsorship Fee: **Contact us!**

Tera Sponsor



<<< Example Packages
**Contact us for an individual
offer that fits your requirements!**

Sponsor Packages “E-Mobility Power System Integration Symposium”

- **Small** company logo on Symposium website, newsletters, flyers, rollups etc.
- **One** participant of the sponsor can join the Symposium (incl. solar & wind dinner, excl. tutorials)
- Up to **three** additional workshop proceedings (on flash drive)
- **One** page advertisement **in color** in the proceedings (on flash drive)
- **One** rollup during the workshop
- Distribution of leaflets during the workshop

Sponsorship Fee: **Contact us!**

Mega Sponsor

- **Large** company logo on Symposium website, newsletters, flyers, rollups etc.
- **Three** participants of the sponsor can join the Symposium (incl. solar & wind dinner, excl. tutorials)
- Up to **five** additional workshop proceedings (on flash drive)
- One page advertisement **in color** in the proceedings (on flash drive)
- **One** rollup during the workshop
- Distribution of leaflets **in delegate bags**

Sponsorship Fee: **Contact us!**

Giga Sponsor

- **Large** company logo on Symposium website, newsletters, flyers, rollups etc.
- **One special additional logo arrangement** (see page 21 for all options)
- **Five** participants of the sponsor can join the Symposium (incl. e-mobility dinner, excl. tutorials)
- **Corporate roundtable** for technical discussions, networking & recruiting during breaks
- One page advertisement **4c** in the proceedings (on flash drive)
- Up to **two** rollups or **one** display during the workshop
- Up to **five** additional workshop proceedings (on flash drive)
- Distribution of leaflets and inserts in **delegate bags**
- **Content box** in one workshop newsletter issue in August or September 2018

Sponsorship Fee: **Contact us!**

Tera Sponsor



<<< Example Packages
**Contact us for an individual
offer that fits your requirements!**

E-Mobility, Solar & Wind Options for the “Tera Sponsor” Package

Use this opportunity to get a higher visibility at our workshops in Stockholm by choosing **one** of the following options to be included in your “Tera Sponsor” package. Further options can be booked for an additional charge. Please contact us for a quote.



Options	
Logo on displays during dinner	“Dinner Sponsor”
Logo on coffee table displays	“Coffee Break Sponsor”
Logo on displays at the wardrobe	“Wardrobe Sponsor”
Logo on internet log-in webpage	“Internet Sponsor”
Logo & wording in event app	“App Sponsor”
Logo on lanyards worn by participants	
Advertisement in the workshop guide	

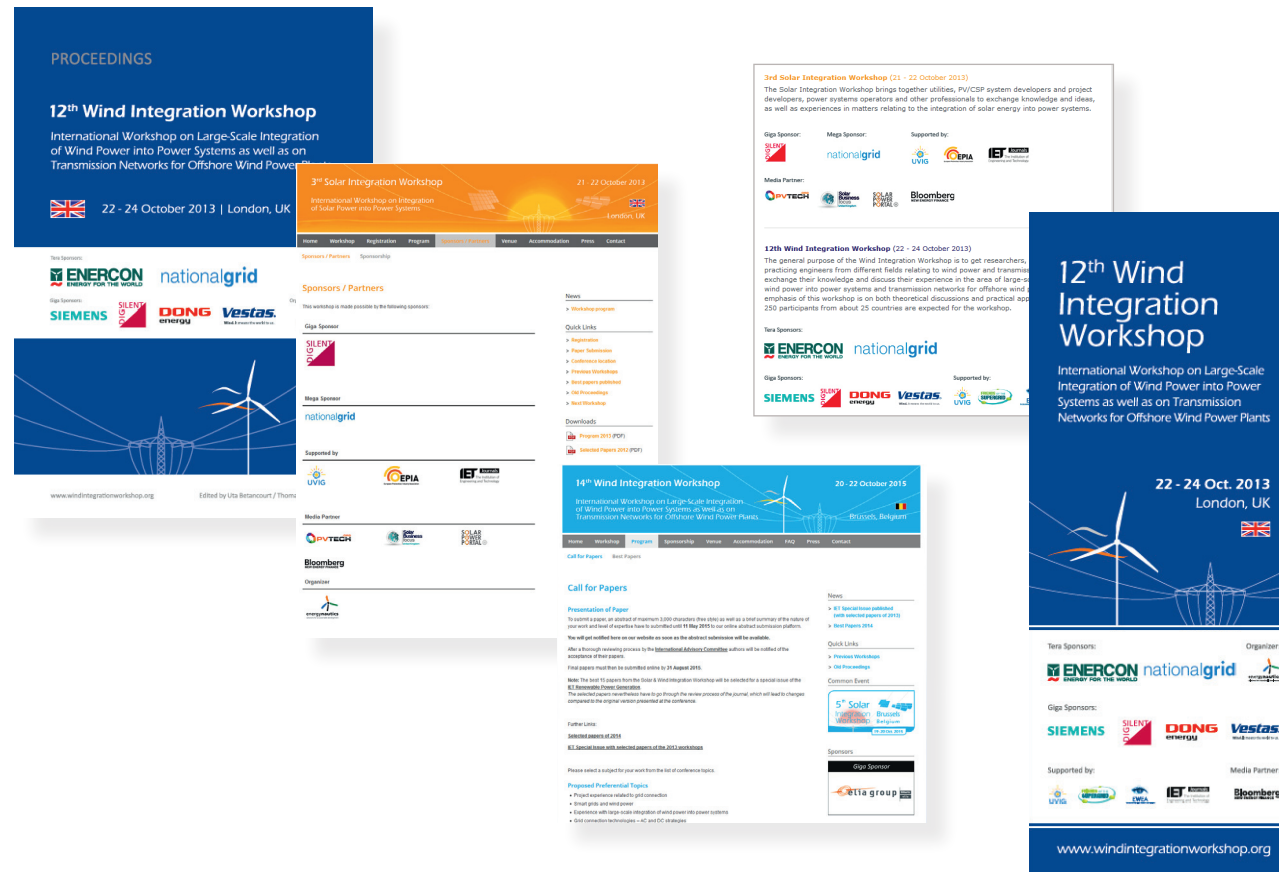
Optional: One page advertisement 4c in the proceedings as inside back or front cover is only available to Tera Sponsors. The upgrade has a 1,000 Euro surcharge.

Sponsoring Discount

Sponsoring the Solar **and** the Wind Integration Workshop events will result in a **10% discount** in the total sponsoring fee for both workshops. A **12% discount** will be given for sponsoring **all three events**.
















































































Embedding your Logotype

See here some examples from previous workshops on where your logotype could be positioned.
















































Examples from left to right:
Proceedings Cover
Website "Sponsors"
Website "Call for Papers"
Newsletter
Rollup

Sponsors “Wind Integration Workshop”

	Tera Sponsors	Giga Sponsors	Mega Sponsors	Supporters
Berlin 2017		    		      
Vienna 2016		   	 	     
Brussels 2015		    		       
Berlin 2014	 	     		  
London 2013	 	   		   
Lisbon 2012	 	   		     
Aarhus 2011	 	  		

Sponsors “Solar Integration Workshop”

	Giga Sponsors	Mega Sponsors	Supporters
Berlin 2017	 		    Renewables Grid Initiative 
Vienna 2016			  Renewables Grid Initiative    
Brussels 2015	  		   Renewables Grid Initiative      
Berlin 2014	   		   Renewables Grid Initiative 
London 2013			  
Lisbon 2012			  Renewables Grid Initiative 

Sponsors “E-Mobility Integration Symposium”

	Mega Sponsor	Supporters	
Berlin 2017	