



**REN21** Renewable Energy Policy Network for the 21st Century



# REN21 RENEWABLES ACADEMY 2014

10-12 NOVEMBER  
BONN, GERMANY





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# REN21 RENEWABLES ACADEMY 2014

Welcome to the REN21 Renewables Academy 2014!

In June 2004, delegates from 154 countries gathered in Bonn, Germany, for the world's first government-hosted international conference on renewable energy. REN21 was born as a concrete outcome of the renewables2004, a global network of key players that work to advance renewable energy in both developed and developing countries.

Since then, the global perception of renewable energy has changed considerably. Today, renewables are seen not only as sources of energy, but also as tools to address many other pressing needs, including: improving energy security; reducing the health and environmental impacts associated with fossil and nuclear energy; mitigating greenhouse gas emissions; improving educational opportunities; creating jobs; reducing poverty; and increasing gender equality.

The past decade has also seen the evolution of REN21 and its community into a robust, dynamic, international network of renewable energy experts. As of today, more than 500 experts from all around the world contribute their know-how to REN21 products.

To celebrate and build on years of successful collaboration **we are honoured to welcome you to the REN21 Renewables Academy 2014**. It is designed to allow experts to debate how to advance the global energy transition with renewables, to network and to exchange experiences and debate how to overcome challenges in an informal setting.

We wish you an exciting time in Bonn and fruitful discussions on how to advance the global energy transition with renewables!

Best regards,



**Martin Hullin**  
Renewables Academy  
Project Manager

We would like to thank, in particular, the German Federal Ministry for Economic Cooperation and Development for financing this event.



# PROGRAMME OVERVIEW

10-12  
NOVEMBER  
2014

- REGISTRATION
- PLENARY SESSION
- NETWORKING
- PARALLEL SESSION A
- PARALLEL SESSION B

## DAY 1

MONDAY / 10 NOV



09:00-10:00  
REGISTRATION

REGISTRATION AREA



10:00-10:30  
WELCOME & OPENING

PLENARY HALL



10:30-12:30  
100% RENEWABLE ENERGY:  
HOW TO MAKE IT HAPPEN?

PLENARY HALL



12:30-14:00  
ICE-BREAKER  
NETWORKING LUNCH

NETWORKING AREA



14:00-15:30  
RENEWABLE ENERGY  
POLICY FRAMEWORKS:  
WHICH POLICY  
DESIGN FOR WHICH  
STAGE OF MARKET  
MATURITY?

PLENARY HALL



14:00-15:30  
POWER SECTOR  
TRANSFORMATION:  
CREATING A WINNING  
SOLUTION FOR  
UTILITIES AND  
RENEWABLES

BREAKOUT ROOM



15:30-16:30  
THEMATIC NETWORKING  
COFFEE/TEA BREAK QUIZ: ROUND 1

NETWORKING AREA



16:30-18:00  
HOW TO BOOST  
RENEWABLES HEATING  
AND COOLING

PLENARY HALL



16:30-18:00  
REMOVING FOSSIL  
FUEL SUBSIDIES:  
YES BUT HOW?

BREAKOUT ROOM



18:00-19:30  
LAUNCH OF ECOWAS RENEWABLE  
ENERGY AND ENERGY EFFICIENCY  
STATUS REPORT  
COCKTAIL

NETWORKING AREA



**DAY 2**  
TUESDAY / 11 NOV

**DAY 3**  
WEDNESDAY / 12 NOV

PLENARY HALL

10:00-12:30  
**DEBUNKING MYTHS ABOUT RENEWABLE ENERGY: HOW TO WORK WITH THE MEDIA**

PLENARY HALL

10:00-12:30  
**THE NEXT DECADE OF RENEWABLE ENERGY: POSSIBLE PATHWAYS TOWARDS 100% RENEWABLE ENERGY AND THE ROLE OF THE CONSUMER**

12:30-14:00  
**ICE-BREAKER NETWORKING LUNCH**

NETWORKING AREA

12:30-13:00  
**REN21 RENEWABLES ACADEMY CLOSURE**

PLENARY HALL

PLENARY HALL

14:00-15:30  
**DISTRIBUTED RENEWABLE ENERGY: REAL MARKET OR AN AID-DRIVEN SECTOR?**

BREAKOUT ROOM

14:00-15:30  
**COMMUNITY POWER: YES IN MY FRONT YARD!**

15:30-16:30  
**THEMATIC NETWORKING COFFEE/TEA BREAK QUIZ: ROUND 2**

NETWORKING AREA

PLENARY HALL

16:30-18:00  
**BEST DATA FOR GOOD DECISION MAKING**

20:00  
**RENEWABLES ACADEMY DINNER**



**World Conference Center Bonn**  
Platz der Vereinten Nationen 2,  
53113 Bonn, Germany

**Bierhaus Machold**  
Heerstraße 52,  
53111 Bonn, Germany



### WELCOME & OPENING

MONDAY, 10 NOVEMBER 2014 / 10:00–10:30 / PLENARY HALL

**SPEAKERS:**

- › Gabriele Klingmüller, Deputy Mayor of Bonn
- › Ingrid Hoven, BMZ
- › Christine Lins, REN21

**MODERATOR:**

- › Christian Stahl, Stahl Medien

#### PLENARY SESSION



## 100% RENEWABLE ENERGY: HOW TO MAKE IT HAPPEN?

MONDAY, 10 NOVEMBER 2014 / 10:30–12:30 / PLENARY HALL

Several studies and initiatives over the years have suggested the possibility and necessity of running regions, countries, if not the entire world on 100% renewable energy. According to advocates and scientists, the transition to 100% renewable energy is essential to ensuring the planetary habitability for current and future generations as we know it, while also being flexible and feasible enough to be technically implemented quickly. Gradually this vision is also shared by policy makers with some local and national governments (e.g. Denmark, Fukushima Prefecture, Scotland, and Cape Verde) setting 100% renewables targets. In some regions and cities, in Germany, Austria as well as in island states around the world, the 100% renewables dream has even already become a reality. However, 100% renewables advocates are facing with hefty opposition. Scenarios have been criticised for their “boosterism” as well as unrealistic assumptions regarding technical, spatial and financial feasibility.

During this session participants will:

- Critically debate whether a 100% renewables future is truly feasible and if yes, how.
- Consider the implications of the debate on future activities of the renewable energy community.

**KEY-NOTE SPEAKER:**

- › **Stefan Gsänger**, Go 100% Renewables Campaign

**MODERATOR:**

- › **Stefan Schurig**, World Future Council

**PANELISTS:**

- › **Stephan Singer**, WWF
- › **Atul Raturi**, University of the South Pacific
- › **Emani Kumar**, ICLEI
- › **Eberhard Waffenschmidt**, Cologne University of Applied Science



## PARALLEL SESSION A



## RENEWABLE ENERGY POLICY FRAMEWORKS: WHICH POLICY DESIGN FOR WHICH STAGE OF MARKET MATURITY?

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MONDAY, 10 NOVEMBER 2014 / 14:00–15:30 / PLENARY HALL

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As renewables mature in “early adopter” countries and simultaneously expand into new markets, the question of how to best support renewable energy continues to occupy the minds of policy makers. Over the years there has been significant innovation in the policy arena as policy makers cope with the changing policy needs of emerging and maturing markets. The portfolio of available policies has evolved to include ever more varied instruments, which are increasingly being integrated with energy market, infrastructure of employment policies. While this diversity allows for differentiated and potentially more effective policy frameworks, it also makes it increasingly challenging to identify the ideal policy mix for a given market or market phase. In the time of tight budgets, the topic of policy effectiveness is becoming more and more important.

In light of this, the session seeks to:

- Identify relevant/successful policies for the different stages.
- Examine different market stages and needs through short case studies.
- Discuss how the REN21 community can facilitate the design and adoption of tailored policy frameworks.

**INTERVIEW SESSION PARTICIPANTS:**

- › **Janet Sawin**, Lead Author REN21 Renewables Global Status Report – *Interviewee*
- › **Steve Sawyer**, GWEC – *Interviewer and session moderator*

**PANELISTS:**

- › **Kevin Nassiep**, SANEDI, South Africa
- › **Martin Schöpe**, BMWi, Germany
- › **Wisdom Ahiataki-Togobo**, Ghana
- › **Neil Veilleux**, Meister Consultants Group



PARALLEL SESSION B



## POWER SECTOR TRANSFORMATION: CREATING A WINNING SOLUTION FOR UTILITIES AND RENEWABLES

MONDAY, 10 NOVEMBER 2014 / 14:00–15:30 / BREAKOUT ROOM

Traditionally, the integration of renewables has been seen as an addition of another technology to existing energy systems and portfolios. However, simply adding renewables to the existing power market does not work; the system as a whole needs to be transformed. Utilities are increasingly realising this as many are forced to question the viability of their traditional business models in light of increasing shares of renewable energy in power generation mix. Already today, 94% of utilities predict that their business models will be completely transformed within the next two decades. Apart from the growing shares of variable renewables, key change drivers for utilities are the decentralisation of power generation, the expansion of net metering, as well as greater energy efficiency and demand management. While most utilities are still resisting the inevitable change, others have already taken a more proactive approach.

In light of these challenges for utilities, the session seeks to:

- Present examples of how some utilities are already adapting to the market transformation.
- Discuss how the REN21 community can increase knowledge about renewables among utilities.

**KEY-NOTE SPEAKER:**

› **Simon Müller**, IEA

**MODERATOR:**

› **Raffaele Piria**, Energy Policy Expert

**PANELISTS:**

- › **Jose-Luis Garcia**, Greenpeace
- › **V. Subramanian**, IREF
- › **Helen Tarnoy**, Aldwych International
- › **Rainer Hinrichs-Rahlwes**, EREF



## PARALLEL SESSION A



## HOW TO BOOST RENEWABLES HEATING AND COOLING

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MONDAY, 10 NOVEMBER 2014 / 16:30–18:00 / PLENARY HALL

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Energy use for heat generation represents about half of global final energy consumption. Today, modern biomass, solar thermal and geothermal meet a small but gradually rising share of final heat demand globally. Nevertheless, the heating and cooling sector still lags considerably behind the power sector, both in market volume and policy design. In some markets, i.e., Iceland and Sweden, these shares are already significant.

Despite the large potential for renewable heat and cooling, the sector has to date remained untapped. This is in large part due to the lack of necessary policy support as well as because of the complexity of the of sector; its decentralised nature, fluctuating demand and limited storage possibilities make it more difficult to address than the power sector.

Considering the importance of the sector and the lack of activity of policy makers thus far, the session will:

- Present an overview of the challenges in the heating and cooling sector.
- Show best practices from various countries.
- Point out why there is little interest in the heating and cooling sector and identify ways how to make it more attractive for policy makers.
- Examine which regulatory policies, market instruments and accompanying measures are needed to accelerate deployment.
- Identify how the REN21 community can improve and broaden its renewables heating and cooling network and increase visibility of heating & cooling in the energy transition debate.

**KEY-NOTE SPEAKER:**

- › **Werner Weiss**, AEE INTEC

**MODERATOR:**

- › **Alexandra Sombsthay**, European Commission

**PANELISTS:**

- › **Krzysztof Laskowski**, Euroheat & Power
- › **Burkhard Sanner**, EGEC
- › **Heinz Kopetz**, WBA
- › **Manon Janssen**, Ecofys



PARALLEL SESSION B



## REMOVING FOSSIL FUEL SUBSIDIES: YES BUT HOW?

MONDAY, 10 NOVEMBER 2014 / 16:30–18:00 / BREAKOUT ROOM

Fossil fuel subsidies have long been known to be inefficient, encourage wasteful behaviour, and undermine investments in clean energies and climate mitigation efforts. However, despite the 2009 commitment of the G20 to the removal of fossil fuel subsidies and the advocacy work of international organisations—such as the World Bank and the International Energy Agency (IEA)—little progress has been made to date. According to various estimates, governments annually spend between USD 544 billion (World Bank) and USD 1.9 trillion (International Monetary Fund) globally on fossil fuel subsidies. This is in stark contrast to the USD 101 billion that was spent to support renewables in 2012.

A variety of organisations (e.g. IMF, IISD, MED-ENEC) have studied how to achieve a fossil fuel-subsidy-free energy market. Most conclude that there is no one-size-fits-all solution, but that some common success factors exist. Based on this several road maps have been developed—none of which however have been (successfully) implemented to date.

As such, the session seeks to:

- Address the social impacts policy makers in developing countries encounter when phasing out fossil fuel subsidies and identifying ways to address the dilemma.
- Assess the status quo of fossil fuel subsidies and their impact on renewable energy deployment.
- Explore potential road maps for the removal of subsidies and critically examine how these can be realistically implemented.
- Identify what role the REN21 community and renewable energy advocates at large could play in this process.

**KEY-NOTE SPEAKER:**

› **Henning Wuester**, IRENA

**MODERATOR:**

› **Pradeep Monga**, UNIDO

**PANELISTS:**

› **Peter Wooders**, IISD

› **Heike Mainhardt**, Oil Change International

› **Faruk Y. Yusuf**, Nigeria

› **Lorenz Petersen**, GIZ



## LAUNCH OF THE ECOWAS RENEWABLE ENERGY AND ENERGY EFFICIENCY STATUS REPORT

MONDAY, 10 NOVEMBER 2014 / 18:00–19:30 / NETWORKING AREA

The ECOWAS Renewable Energy and Energy Efficiency Status Report provides a regional perspective on the renewable energy and energy efficiency market and industry development in West Africa. It enables policymakers, industry, investors and civil society to make informed decisions with regards to the diffusion of renewable energy. The report covers recent developments, current status, and key trends; by design, it does not provide analysis or forecast.

The ECOWAS Renewable Energy and Energy Efficiency Status Report relies on up-to-date renewable energy data, provided by network of contributors from and around West Africa including national focal points, researchers, and authors. It was produced in cooperation with the ECOWAS Center for Renewable Energy and Energy Efficiency (ECREEE).

### AGENDA

**18:10**

#### WELCOME & OPENING REMARKS

› **Christine Lins**, Executive Secretary, REN21

**18:15**

#### UNIDO'S SUPPORT OF REGIONAL CENTERS: WHY AND HOW

› **Pradeep Monga**, Director of the Energy & Climate Change Branch, UNIDO

**18:20**

#### IMPORTANCE AND ROLE OF DATA COLLECTION IN THE ECOWAS REGION

› **Mahamma Kappiah** Executive Director, ECREEE (via video)

**18:25**

#### KEY FINDING FROM THE ECOWAS REPORT

› **Faruk Y. Yusuf**, Assistant Director, Federal Ministry of Power - Nigeria

**18:35**

#### QUESTION AND ANSWER

**18:45**

#### CLOSE AND COCKTAIL

Printed copies of the EN version of the report will be available. French and Portuguese copies of the ECOWAS report will be available for electronic download, following the launch event.



PLENARY SESSION



## DEBUNKING MYTHS ABOUT RENEWABLE ENERGY: HOW TO WORK WITH THE MEDIA

TUESDAY, 11 NOVEMBER 2014 / 10:00–12:30 / PLENARY HALL

Over the past decade, renewables have made a huge leap forward, with recent developments outpacing the expectations of most forecasts and scenarios. But despite these advancements, renewables still face the same criticism, outdated facts, and assumptions as they did 10 years ago: “Renewables are too expensive. Renewables are an insignificant energy source. High shares of renewables will result in greater energy system instability.” Though untrue, these arguments have a significant impact on the public’s perception of renewables, as well as garnering further political support and deployment. Thus, public relations, as much as technology and policy advancements, are an essential element for promoting renewables.

In light of this, the session seeks to:

- Develop effective, collaborative strategies for countering such myths.
- Identify communications best practices from existing energy actors.
- Provide participants with tips on how to effectively engage with the public through various media channels.

**KEY-NOTE SPEAKER:**

- › **Kelly Rigg**, Varda Group

**MODERATOR:**

- › **Christian Stahl**, Stahl Medien

**PANELISTS:**

- › **Laura Williamson**, REN21
- › **Ben Backwell**, recharge
- › **Christoph Podewils**, Agora
- › **Hanne May**, ergo Kommunikation



## PARALLEL SESSION A

**DISTRIBUTED RENEWABLE ENERGY:  
REAL MARKET OR AN AID-DRIVEN SECTOR?**

TUESDAY, 11 NOVEMBER 2014 / 14:00–15:30 / PLENARY HALL

Distributed renewable energy can no longer be looked at as a small industry. Over the last decade more and more private or private-public ventures have emerged as key players in decentralised markets. Increasing awareness of the profitability of the decentralised energy markets and potential business opportunities have led to the arrival of a variety of new business models for off-grid renewables. With pay-as-you-go systems, franchising, and innovative distribution channels, some of these new approaches have become cost-effective alternatives for providing energy services in regions lacking grid connectivity. While most systems to date are only prototypes or employed on a small-scale, the distributed renewable energy (DRE) industry has gone through significant changes in the last five years; growing from a cottage industry to one with worldwide revenues of \$100 billion and rising. Profitable business models and clear leaders have emerged, and along have come opportunities. So with all the right ingredients in place, why does DRE lag behind other applications? Is it because the perception of investment risk relegates the funding of DRE to international aid? Is it because of political and social hurdles or is it yet something else?

The session aims to:

- Provide participants with an overview of the decentralised energy market.
- Identify the challenges of a DRE market.
- Outline what is needed to speed up the implementation of rural energy services.
- Identify what it is that decision makers need to bring about change.
- Define how the REN21 community can support and track the progress of uptake and their feasibility in other markets.

**KEY-NOTE SPEAKER:**

› **Davidson Ogunlade**, Sierra Leone

**MODERATOR:**

› **Tania Rödiger-Vorwerk**, BMZ

**PANELISTS:**

- › **Bozhil Kondev**, GIZ
- › **Lâl Marandin**, Renovables Nicaragua
- › **Wim van Nes**, SNV
- › **Sena Alouka**, Jeune Volontaires de l'Environnement, Togo
- › **Kanika Chawla**, CCEW



### PARALLEL SESSION B



## COMMUNITY POWER: YES IN MY FRONT YARD!

TUESDAY, 11 NOVEMBER 2014 / 14:00–15:30 / BREAKOUT ROOM

Increasingly consumers and communities are becoming driving forces in the global energy transition towards renewable energy. As pioneers of a renewable future, communities and consumers play an important role in promoting renewable energy. Their activities span all areas and aspects of renewables. Green power purchasing, the reacquisition of local utilities, the creation of regional and global coalitions, e.g. the Covenant of Mayors, community-based investment and power plant ownership are only a few examples of how communities are transforming the energy sector.

During this session participants will:

- Discover the role communities and consumers are already playing in promoting renewables, based on selected case studies.
- Consider what roles communities will play in future and how to engage them.

#### KEY-NOTE SPEAKER:

› **Siward Zomer**, REScoop.eu

#### MODERATOR:

› **Craig Morris**, Petite Planète

#### PANELISTS:

› **Tetsu Iida**, ISEP

› **Luise Neumann-Cosel**, BürgerEnergie Berlin

› **David Ebong**, Clean Energy Partnership Africa, Uganda

› **Josep Puig**, Eurosolar Spain

› **Hans-Josef Fell**, video greetings from the 100% Renewable Energy Regions congress taking place the same day in Kassel, Germany



## PLENARY SESSION

**BEST DATA FOR GOOD  
DECISION MAKING**

TUESDAY, 11 NOVEMBER 2014 / 16:30–18:00 / PLENARY HALL

Reliable, accessible and timely renewable energy data is essential for establishing energy plans, defining baselines and policies, monitoring progress, and attracting investment. While data collection and quality has improved over the last decade, significant data gaps still exist; data collection remains difficult particularly for decentralised renewable energy applications, energy output data and specific sectors, e.g. bioenergy and renewable heating and cooling. To overcome some of these existing data gaps, innovative and collaborative approaches to data collection, processing and validation need to be explored, the results of which should then be complemented with official renewable energy data. While often being regarded as less valuable and secondary, the addition of informal data can improve coverage on sectors and regions and helps resolve the lack of data. However, the use of informal data requires the inclusion of previously uninvolved, actors from varying sectors. Many of these individual or institutional actors have usually already engage in some form of data collection, but are unaware of the importance of their data or lack the means of sharing it.

The session aims to:

- Present REN21's experience in collection of informal renewable energy data.
- Discuss the complimentary of formal and informal data.
- Explore the possibility of establishing regional-level mechanism to support informal data collection process.
- Develop strategies on how to simplify data collection, while increasing the quality and timeliness of data.

**KEY-NOTE SPEAKER:**

› **Rana Adib**, REN21

**MODERATOR:**

› **Helene Connor**, HELIO

**PANELISTS:**

› **Gonzalo Bravo**, Fundacion Bariloche

› **Stephanie Weckend**, IRENA

› **Yasmina Abdelilah**, IEA

› **Karin Reiss**, ECREEE



### PLENARY SESSION



# WHAT WILL THE NEXT DECADE BRING FOR RENEWABLE ENERGY?

## A MULTI-STAKEHOLDER DISCUSSION ABOUT POSSIBLE PATHWAYS TOWARDS 100% RENEWABLE ENERGY AND THE ROLE OF THE CONSUMER

WEDNESDAY, 12 NOVEMBER 2014 / 10:00–12:30 / PLENARY HALL

Over the past decade, the growth in renewable energies has trumped the expectations of many scenarios, with several anticipated 2020 levels already being exceeded in 2010. Renewables, once considered as potential alternatives to traditional energy sources, are now deployed on a large-scale. Between 2004 and 2013 the global annual market for renewable power quadrupled from 30 GW/a to more than 120 GW/a. Support policies increased exponentially with 138 countries having implemented support policies in 2013, and since 2004, 1.6 trillion has been invested in the field of renewable energy. While these advances show a clear mainstreaming and greater acceptance of renewables over the last decade, the question is now how to maintain and accelerate this momentum. Various actors, publications, i.e. the REN21 Global Futures Report, and scenarios have attempted to glimpse into the proverbial crystal ball to see what the coming decade may bring for renewable energies: Will the SE4ALL 2030 goal of doubling the share of renewables be met? How could possible pathways towards 100% renewable energy look like? What role will the various energy actors, particularly consumers, play in the energy transition? What potential opportunities and challenges are on the horizon for renewables?

The session will:

- Look back at the last decade and present some lessons learnt
- Provide an overview of discussions held at the REN21 Renewables Academy in the different sessions
- Discuss outlook on next decade of renewable energy
- Discuss the role of the consumer in the global energy transition

#### MODERATOR:

- › **Mohamed El-Ashry**

#### PANELIST DISCUSSION:

- › **Arthouros Zervos**, REN21
- › **Dolf Gielen**, IRENA
- › **Paolo Frankl**, IEA
- › **Ernesto Macias**, ARE
- › **Zhang Muzi**, CREIA, China
- › **Wolsey Barnard**, Acting Director-General, Department of Energy, South Africa (t.b.c.)
- › **Sven Teske**, Greenpeace
- › **Claire Roumet**, Energy cities

## CLOSING SESSION

WEDNESDAY, 12 NOVEMBER 2014 / 12:30–13:00 / PLENARY HALL

#### SPEAKERS:

- › **Ursula Borak**, BMWi, Germany (Key-note closure)
- › **Christine Lins**, REN21 (summary of the Renewables Academy outcomes)

#### MODERATOR:

- › **Christian Stahl**, Stahl Medien



**Yasmina  
Abdelilah**

International Energy  
Agency (IEA)

Yasmina is responsible for the energy data management and renewable energy modeling of the Medium Term Renewable Energy Market Report at the IEA. She also contributes to the development of the methodologies for tracking renewable energy under various frameworks such as the IEA's Tracking Clean Energy Progress report. Prior to the IEA, Yasmina worked as a mechanical engineer in automobile safety at the Center for Applied Biomechanics in the US.



**Sena  
Alouka**

Jeune Volontaires  
de l'Environnement,  
Togo

In 2001 Sena established JVE International; the largest youth movement in Africa and has been in the forefront of promotion of sustainable and renewable energy in Africa ever since. He has implemented the Clean Energy in Africa (CLENA) project in over 20 countries that aims to create smoke free villages using technologies which are energy efficient and replace fossil fuels. Sena has established various education and training programmes and is working to integrate them into the official education curricula. He is the winner of the Lighting Africa Development Market Place Competition and the Energy Globe Award.



**Rana  
Adib**

Renewable Energy  
Policy Network  
for the 21<sup>st</sup> Century

Since 2009, Rana is the Research Coordinator at REN21. Her key responsibilities include the annual production of REN21's Renewables Global Status Report. Prior to REN 21 Rana worked for over 10 years in private industry and applied research in the area of renewable energy, energy access, and waste management and was responsible for coordinating the biogas-to-energy research programme of Veolia Environment.



**Ben  
Backwell**

Recharge

Ben is a journalist and analyst who has spent most of his career writing about international energy markets and finance. He worked for international news agencies and as an analyst in Houston, Caracas, New York, Rio de Janeiro and Buenos Aires, and covered the oil producers' organisation OPEC, before moving back to his native UK in 2006. He helped set up renewable energy news service Recharge ahead of its launch in January 2009 and became Editor-in-Chief of Recharge in 2012. He is the author of the book Wind Power: the struggle for control of a new global industry, which was recently published by Routledge.



**SPEAKER  
BIOGRAPHIES**  
IN ALPHABETICAL ORDER



**Ursula  
Borak**

Deputy Director-General  
in the energy department  
in the Federal Ministry  
for Economic Affairs and  
Energy (BMWi)

Ms Borak studied economics and energy economics at Cologne University graduated as as “Diplom-Volkswirtin”. She held several positions in the Federal Ministry of Economics since 1987 (competition policy, energy policy strategies, EU energy matters, G8 energy issues) as advisor and head of division. She also gathered experience during various posts abroad (Geneva, Paris, Brussels). In 2008 she has been appointed as Deputy Director-General in the energy department in the Federal Ministry for Economic Affairs and Energy. Her current responsibilities include International and External Energy Policy, International Energy Markets, Oil, Gas, Coal and Nuclear.



**Gonzalo  
Bravo**

Fundacion Bariloche

Gonzalo is a researcher at Bariloche Foundation, partnering in various multidisciplinary teams focussing on energy and development issues. He is also a member of several groups working on renewable energy deployment, energy efficiency and energy access in Latin American countries. Gonzalo advises State offices, the Energy and Environment Ministries and Secretariats in the region. He is the renewable energy co-author of a report on a new energy agenda for the Latin America and the Caribbean region, published in 2013 by the Andean Development Corporation and is the REN21 regional contributor for Latin America and the Caribbean.



**Kanika  
Chawla**

Council on Energy,  
Environment and Water

Kanika Chawla is a Junior Research Associate at CEEW in India. Prior to CEEW she worked at the Renewable Energy Policy Network for the 21<sup>st</sup> Century (REN21) Secretariat in Paris. Kanika has worked extensively on distributed renewable energy in developing countries, urban energy policy and financing renewable energy. She specialises in international cooperation and sustainable energy policy. Kanika has researched energy policy issues in developing countries around the world with a specific focus on India. She has also worked for GIZ on sustainability reporting.



**Hélène  
Connor**

HELIO International

Hélène has founded or co-founded several environmental associations, both in France and Canada, including the James Bay Defence Committee, the Canadian Coalition for Nuclear Responsibility, the Centre for Energy Policy Analysis, HELIO International and the French Réseau Action Climat. Hélène also worked at the OECD Environment Directorate developing the work of the Directorate in the field of energy and environment. She was a Member of the first National Round Table on Environment and the Economy and Vice-Chair of the Canadian Environmental Advisory Committee, both in Canada. Hélène was recently awarded the French Légion d’Honneur in recognition for her lifetime’s work on environmental issues.



**David  
Ebong**

Clean Energy  
Partnership Africa

David is the CEO of Clean Energy Partnership Africa Ltd. He is also a Board Member of the National Forestry Authority (NFA), and a Climate Change Negotiator for the Government of Uganda. Currently David is the Patron for the Apac District Actors Forum on Climate Change; a public/private partnership for low carbon development advocacy at local levels. He founded the Apac Anti-Corruption Coalition (TAACC) to curb the mismanagement of public funds. David was a member of Parliament in Uganda from 2006-2011, creating the Parliamentary Forum on Climate Change Uganda the first parliamentarians initiative on climate change in Africa.



**Stefan  
Gsänger**

Go 100% Renewables  
Campaign

Since 2011 Stefan has managed the World Wind Energy Association. Under his direction, WWEA has become the voice of the wind sector worldwide, and has members in more than 100 countries. Stefan has worked for Dr. Hermann Scheer (member of the German Parliament) and been an adviser to numerous governments and international organisations. He holds various positions in renewable energy organisations, including: REN21, International Renewable Energy Alliance, Global 100%RE campaign, and Japan Renewable Energy Foundation.



**Jose-Luis  
Garcia**

Greenpeace

Jose-Luis works for Greenpeace Spain, where for more than 20 years he has held various posts. In 2011 he was appointed to set up and lead the Research and Advocacy unit and since 2012 also leads the Climate and Energy unit. In his tenure with Greenpeace Jose-Luis has worked on campaigns, set up and coordinated projects such as Greenpeace Solar, Solar School Network, Choose Clean Energy and Energy Revolution as well as headed up various studies including Renewables 2050, Renewables 100% and Energy 3.0. He has been on various UNFCCC delegations and is the Founder trustee and vicepresident of the Renewables Foundation (Fundación Renovables).



**Rainer  
Hinrichs-Rahlwes**

European Renewable  
Energies Federation  
(EREF)

Rainer is a Vice-President of EREF a post he has held for the past last four years He also represents the German Renewable Energy Federation (BEE), the national umbrella organisation of the renewable energy sector and is the spokesperson for European and International Affairs. From June 2012, Rainer served as the President of the European Renewable Energy Council (EREC), the European umbrella organisation of the renewables sector, until its dissolution. From November 1998 to December 2005, Rainer was a Director General in the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), in charge of renewable energies, climate protection and various other dossiers. While at the ministry he served as BMU's representative and was a founding co-chair and later a member of the Bureau of the Global Policy Network, known as REN21 today.



## SPEAKER BIOGRAPHIES

IN ALPHABETICAL ORDER



**Tetsu  
Iida**

Institute for Sustainable  
Energy Policies (ISEP)

Tetsu is the founder and Executive Director of ISEP, a non-profit, independent research institute in Japan. In 1998, he organised “the Supra-coalition of Member of Parliaments (MPs) for renewable promotion”, which resulted in the Renewable Promotion Law. As a Committee Member for the Ministry of Economy, Industry and Trade (METI), and the Ministry of Environment (MoE), Tetsu has proposed various nuclear-free energy policies. He is Secretary-General of the Japan Community Power Association which works to introduce community based renewables schemes in Japan. He serves on Board of REN21 and WWEA.



**Bozhil  
Kondev**

GIZ

Bozhil is an energy advisor at GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH) in Germany. His responsibilities include strategic and technical advisory to a portfolio of GIZ projects on rural electrification in Africa and Asia. Bozhil also works with strategic partners and international initiatives. Prior to moving to Germany, Bozhil spent three years working in a regional project of GIZ in East Africa with a focus on market development for various renewable energy technologies. His previous experiences include positions in research institutions, renewable energy consulting and solar PV manufacturing.



**Manon  
Janssen**

Ecofys

Since May 2010 Manon has been the CEO of Ecofys. Her mission is to develop the company across its deep and wide range of expertise, and fulfil its mission of “sustainable energy for everyone”. Manon’s key areas of expertise include strategy, innovation, branding and client management. Since October 2013, she has lead the Top sector Energy where she is responsible for the innovation strategy in the Dutch energy market working to reach the long-term energy goals of the country. Previously Manon worked for Procter & Gamble, was VP of Marketing and Innovation at Electrolux Europe in 2000 and then Chief Marketing Officer for Philips Lighting worldwide in 2005.



**Emani  
Kumar**

ICLEI

Emani currently oversees strategic development of ICLEI in Asia region. He coordinates various multi-year and small scale projects as well as research work supported by various donor and UN agencies, state and national governments of India and various research organisations. Emani has more than 18 years of professional experience on issues related to climate change policy and planning, local governance, renewable energy and energy efficiency, social accountability, systems management and auditing. Previously he worked with the Indian industry association Confederation of Indian Industry (CII) and the National Institute of Urban Affairs (NIUA).



**Krzysztof  
Laskowski**  
Euroheat & Power

Krzysztof joined Euroheat & Power as a Policy Officer in October 2012 where he works on EU environmental and energy policies. He is also responsible for district heating and cooling (DHC) Country-by-Country Survey – a leading DHC statistical publication that includes key data and information on regulatory framework for over 20 countries in Europe and elsewhere. Krzysztof has also collaborated with the International Energy Agency on a number of district heat-related publications. Prior to joining EHP, he worked at the Permanent Representation of Poland to the EU.



**Heike  
Mainhardt**  
Oil Change International

Heike is a Senior Analyst with Oil Change International where she coordinates the International Campaign to End Fossil Fuel Subsidies. For 20 years, she has strived to provide empirical analysis to support initiatives in the field of environment, poverty, and development. Heike has consulted to a wide range of organisations, including civil society organisations, the US government, the United Nations, and the World Bank. She has been an expert contributor to the Inter-governmental Panel on Climate Change and the US Government's greenhouse gas inventory. Before joining OCI, Heike held positions at the Bank Information Center, World Wildlife Fund, and ICF Consulting.



**Christine  
Lins**  
Renewable Energy  
Policy Network  
for the 21<sup>st</sup> Century

Christine was appointed as Executive Secretary of REN21 in July 2011. REN21 is a global public-private multi-stakeholder network on renewable energy, headquartered at UNEP, the United Nations Environment Programme in Paris/France. From 2001 to 2011, Ms. Lins served as Secretary General of the European Renewable Energy Council, the united voice of Europe's renewable energy industry in Brussels. Previously, she worked in a regional energy agency in Austria promoting energy efficiency and renewable energy sources.



**Lâl  
Marandin**  
Renovables Nicaragua

Lâl co-founded "blueEnergy" in Nicaragua in 2004, a non-profit organisation connecting communities to energy, clean water, sanitation, and other essential services. He is currently a consultant with the IDB/UNDP team for the "Sustainable Energy for All Initiative - Americas", and is the author of two key documents in Nicaragua: a Rapid Assessment and Gap Analysis Report (published 2014) and the Country Action Plan (validation pending), as well as a collaborator on the "Mexico Rapid Assessment and Gap Analysis" Report (2014). In 2012, Lâl co-founded PELICAN, a Nicaraguan company to bring together experts on power generation and distribution in Nicaragua.



## SPEAKER BIOGRAPHIES

IN ALPHABETICAL ORDER



**Hanne  
May**

ergo Kommunikation

Hanne has over 20 years of professional journalism and consultancy in the energy business. She was the Editor-in-Chief of “neue energie” and “new energy” between 2003 and 2012, and head of energy communications, ergo Unternehmenskommunikation. Hanne also co-authored the publication “Grünes Geld” (‘green investments’) in 2003 and 2005. She has been a jury member for various journalist prizes and renewable energy investments, and is on advisory committees and boards of several entities. Hanne is also the founding member and committee member of Women of Wind Energy, Germany, actively participating in various women energy networks in Berlin.



**Craig  
Morris**

Director Petite Planète

Craig Morris (@PPchef) is the editor of Renewables International and lead author of EnergyTransition.de. In 2014, he won the IAEE award for his explanations of Germany’s energy transition in English. He launched his career at Heise, Germany’s premier IT publisher, where he created the Energie & Klima channel. In 2008, he cofounded PV Magazine. In 2013-2014, he served as technical editor of IRENA’s REmap 2030. He also works as an analyst, most recently in the study “German coal conundrum” for the Heinrich Böll Foundation.



**Pradeep  
Monga**

United Nations  
Industrial Development  
Organization (UNIDO)

Pradeep is Director of the Energy and Climate Change Branch at UNIDO where he leads the energy and development related work. He is an expert in the field of energy policy planning, energy technologies and financing mechanisms with over 30 years of experience. Pradeep’s present responsibilities include giving developing countries strategic advice on energy policy issues, the supervision of networks of energy technology centres, and the coordination with UN Energy members on energy and climate issues. Prior to UNIDO, he worked for UNDP, the World Bank, World Resource Institute, TERI and the FAO as well as the in the Indian government.



**Simon  
Müller**

International Energy  
Agency (IEA)

Simon is responsible for the IEA’s work on the Grid and System Integration of Renewables (GIVAR) programme. He served as the analytical and managerial lead during the last GIVAR phase, a two-year project assessing the technical and economic implications of large scale wind and solar grid integration. Simon is also a principal author of the IEA publication Deploying Renewables 2011 – Best and Future Policy Practice, which provides a comparative assessment of the impact and cost-effectiveness of RE support policies. Before joining the IEA, he worked for a technical cooperation project in the Mediterranean and the German Government.



**Kadri (Kevin)  
M Nassiep**  
SANEDI

Kadri Nassiep is the Chief Executive Officer of the South African National Energy Development Institute (SANEDI), which is a state-owned company established under the National Energy Act of 2008. In 2003 he joined the Department of Minerals and Energy as the Chief Director for Energy Planning. He was responsible for development of policy, strategy, legislation and regulation supporting the implementation of energy efficiency and renewable energy.



**Lorenz  
Petersen**  
GIZ

In August 2014, Lorenz became head of the GIZ Water, Energy and Transport Division, after serving three years as GIZ Country Director in Mozambique. Previously, he managed the GIZ Competence Center for Climate Change and held positions as technical expert on environmental policy issues, both at GIZ headquarters.. Lorenz has 25 years of experience in economic analysis, policy design and implementation in an international development and environmental policy context. Before joining GIZ he held long term positions as Campaign Coordinator with Greenpeace International and the Food and Agriculture Organisation of the United Nations in Rome with its World Bank Cooperative Programme.



**Luise  
Neumann-Cosel**  
BürgerEnergie Berlin

Luise is co-founder and CEO of BürgerEnergie Berlin eG, a citizens' cooperative which aims to buy the local electricity grid. Luise has also worked as a research associate for several NGOs as well as the Berlin House of Representatives.



**Raffaele  
Piria**  
Energy Policy Expert

Raffaele Piria is an independent energy policy expert based in Berlin, with 15 years of energy policy experience in politics, industry associations, a company, a policy consulting institute and a think tank. He has broad expertise on European energy policy, including economic, technical, legal and political issues. Skilled in strategy, analysis, moderation, communication and advocacy, he works only on projects compatible with his personal commitment to a sustainable energy supply.



**SPEAKER  
BIOGRAPHIES**  
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**Christoph  
Podewils**

Agora

Christoph's journalistic experience covers activities in the field and in the renewable energy industry sector. He has worked as a science journalist for Deutschland Radio, Deutschlandfunk and other radio programmes. Christoph was the science editor at the Berliner Zeitung from 2003 to 2005 and editor at the Renewable Energies Agency until 2007. He joined the solar energy magazine Photon where he was the Deputy Editor until the end of 2012. Christoph joined Agora Energiewende in 2013.



**Atul  
Raturi**

University  
of South Pacific

Atul is an Associate Professor of Physics at The University of the South Pacific where he works on solar photovoltaics, hybrid systems and renewable energy capacity building. He is a member of the Fiji Carbon Trading Technical Committee and chairs the mitigation working group for the Fiji national communications. Atul is a regional researcher and reviewer for the REN 21 Global Status Reports and a member of ICSU ROAP Science Planning Group on Sustainable Energy. He previously worked at universities in India, Kenya and PNG and is a member of ISES and a Senior Member of IEEE.



**Josep  
Puig**

Eurosolar Spain

Josep is the co-founder of Ecotècnia S. Coop. (1981), a Barcelona pioneering wind energy worker's cooperative and Ecoserveis (1992), a non-profit NGO devoted to consultancy, research and education on energy and environment. He was an elected member of Barcelona City Council (1995-1999), leading the process to adopt the Barcelona Local Agenda21 and the Barcelona Solar Ordinance, that later became National Law. Josep is chairman of the board of trustees of EUROSOLAR and leader of Living from the air of Sky's project (the first citizen's owned wind turbine in Catalonia and Spain).



**Karin  
Reiss**

ECOWAS Centre  
for Renewable Energy  
and Energy Efficiency

Karin is an ECREEE/UNIDO Sustainable Energy Expert at ECREEE in Praia, Cape Verde. She is the SE4ALL coordinator at ECREEE as well as a member of the overall coordination team for the process of the development of the SE4ALL Action Agendas. Karin also works on the National Renewable Energy and Energy Efficiency Action Plans for all 15 ECOWAS countries. Prior to ECREEE Karin worked for the Austrian Energy Agency on international collaborations in Energy Policy and Capacity Building and engaged in key activities of the Global Forum on Sustainable Energy (GFSE) and the Focal Point for the Central European Initiative (CEI).



**Kelly  
Rigg**

Varda Group

Kelly is a Director of the Varda Group consultancy providing campaign, communications and strategic advice to a wide range of NGOs. She has led international campaigns for more than 30 years on climate, energy, oceans, Antarctica and other issues. Kelly specialises in coordinating large international projects, particularly in relation to UN-related processes. She led the Global Call for Climate Action ([www.tckctck.org](http://www.tckctck.org)) and was the Coordinator of the Deep Sea Conservation Coalition from 2004-2009, leading a campaign to achieve a UN General Assembly moratorium on high seas bottom trawling. She worked for a number of years at Greenpeace as a senior campaign manager.



**Burkhard  
Sanner**

European Geothermal Energy Council (EGEC)

Burkhard has 30 years of experience in geothermal research and development as well as in the practical installation of geothermal technologies. He is currently working in research and development as well as in the design of geothermal energy systems with UBeG GbR, Wetzlar, Germany. Burkard was a founder of EGEC in 1998 and has been its president since 2004.



**Tania H.  
Roediger-Vorwerk**

German Federal Ministry for Economic Cooperation and Development

Tania is currently the Deputy Director General at the Directorate 31 – Sustainable Development; Natural Resources; Economic Policy and Infrastructure in the German Government. Formerly she was Head of the Policy Planning Staff at the German Federal Ministry for Economic Cooperation and Development (BMZ) and also worked as Head of the Department of General Personnel Matters and Personnel Development, and as Deputy Head of the South Asia Department at the BMZ. Prior to her work at the BMZ, Tania was Deputy Head of the Department of International Affairs and Protocol of the City of Bonn as well as a senior consultant at the international management consultancy Kienbaum.



**Janet  
Sawin**

Renewable Energy Policy Network for the 21<sup>st</sup> Century

Janet is Lead Author and Research Director of the REN21 Renewables Global Status Report. She is also a partner with Sunna Research, a U.S.-based consultancy. Janet has been a lead author on a number of publications including the chapter on Policy, Implementation and Finance in the UN Intergovernmental Panel on Climate Change's Special Report on Renewable Energy Sources and Climate Change Mitigation (SRREN) and the International Energy Agency-Renewable Energy Technology Deployment (IEA-RETD) 2012 ACTION study. Prior to establishing Sunna Research Janet was director of the Energy and Climate Change program at the Worldwatch Institute.



## SPEAKER BIOGRAPHIES

IN ALPHABETICAL ORDER



### Stephen Sawyer

Global Wind Energy Council (GWEC)

Steve joined GWEC as its first Secretary General in April 2007. GWEC represents the world's major wind energy associations as well as the major companies involved in the global wind industry. Steve has worked in the energy and environment field since 1978, focussing increasingly on climate change and renewable energy since 1988. He spent many years working for Greenpeace International, representing the organisation at intergovernmental and industry fora primarily on energy and climate issues. Steve is also a founding member of both REN21 and the IEA's Renewable Industry Advisory Board and is an expert reviewer for the IPCC's Working Group III.



### Stefan Schurig

World Future Council (WFC)

Stefan is the Director of Climate Energy at WFC where he initiates international policy campaigns on climate change, renewable energy and sustainable city development. Prior to the WFC he was the spokesperson for Greenpeace in Germany from 1998-2002, before heading the Climate and Energy department of Greenpeace until 2007. Stefan also co-founded Germany's nationwide green electricity supplier Greenpeace Energy. He directly advises governments and parliamentarians around the globe and has authored and co-authored various publications on climate change subjects in recent years.



### Martin Schöpe

German Federal Ministry for Economic Affairs and Energy, Berlin

Martin has been working in the field of energy policy since 2003. Until recently his focus was on the international cooperation in the field of renewable energy at the Federal Environment Ministry where he was involved in preparing the International Conference renewables 2004 and its various follow-up activities. Martin also led the Ministry the German initiative to establish the International Renewable Energy Agency (IRENA). He was recently elected Chair of the Renewable Energy Working Party of the International Energy Agency (IEA). In 2014 Martin moved to the Federal Ministry for Economic Affairs and Energy where he continues to work on international energy policy.



### Stephan Singer

World Wide Fund for Nature (WWF)

Stephan is the Director of Global Energy Policy in the Global Climate and Energy Initiative of WWF International, a post he has held since 2008. The programme is in charge of promotion of ambitious renewable energy targets over the next decades. The two central goals of the pro-gramme are to achieve 100% sustainable renewable energy by 2050 supported by strong energy conservation measures and to overcome energy poverty in developing countries by 2030.



**Alexandra  
Sombsthay**

European Commission

Alexandra currently works at the European Commission in the Directorate General for Energy where she is in charge of international relations on renewable energy, including the design of policies and programmes to be submitted to the Energy Commissioner and the College of Commissioners. She also designs and sets up the political agendas with each of the partner countries. Alexandra was posted 2006-2007 at the EU delegation in Beijing where she initiated the Euro-China Clean Energy Center. She has previously worked as adviser for European Affairs in the cabinet of the Belgian Minister for Environment and Energy as well as for the Minister of Transport.



**Helen  
Tarnoy**

Aldwych International

Helen is joint founder of Aldwych International and co-led the arrangement of the original financing for the company and its refinancing in February 2009. Successes of Aldwych include the acquisition of stakes in CEC, the private Zambian transmission business, the Kelvin power plant in Johannesburg as well as the development, financing and construction of the Rabai IPP in Kenya. Previously Helen worked for The AES Corporation as Senior Project Director. She was also CEO of AES-Sonel, the national power company of Cameroon where she was responsible for increasing electricity production and reducing production losses.



**V.  
Subramanian**

Indian Renewable  
Energy Federation (IREF)

Formerly Secretary to the Government in the Ministry of New and Renewable Energy, India, Subramanian is currently the Chairman of the Indian Wind Energy Association. He is also a founder and mentor of the Indian Renewable Energy Federation and sits on the Board of Directors of leading public and private sector companies. Subramanian previously occupied various positions in the Government of West Bengal and the Government of India. He was instrumental in the creation of the External Commercial Borrowings Division in the Ministry of Finance in the 80's and structured many innovative financial deals for Indian Public Sector Enterprises.



**Wim  
van Nes**

SNV

Wim is the Senior Strategy Officer in the renewable energy sector at SNV Netherlands Development Organisation where he works in the area of small and medium-scale biogas, clean cooking solution, small solar electricity, off-grid rural electrification, and biomass for productive use by small and medium-scale enterprises. Wim has also held other posts in SNV that include being a biogas researcher, a national programme manager in Nepal and a governance advisor in Tanzania. He has over 30 years of experience in market-based deployment of different renewable energy technologies and related sector development and has worked in over 20 different countries.



**SPEAKER  
BIOGRAPHIES**  
IN ALPHABETICAL ORDER



**Neil  
Veilleux**

Meister Consultants  
Group

Neil is a Senior Consultant at Meister Consultants Group, where he leads the firm's renewable heating and cooling (RH&C) initiatives. He has collaborated closely with policymakers on a range of initiatives in the U.S. and internationally. Neil is currently leading a study on next generation RH&C policies on behalf of the IEA-RETD, which identifies policy pathways to support market scale-up across the globe. He has a variety of expertise in RH&C markets in the US. Neil has also served as a Rappaport Fellow at the Harvard Kennedy School of Government, was a Fulbright scholar in Germany, and was a Renewable Energy Fellow for the Heinrich Böll Foundation.



**Stephanie  
Weckend**

International Renewable  
Energy Agency (IRENA)

Stephanie is the Associate Programme Officer, Data and Information at IRENA. Since January 2014, she has been working in IRENA's Knowledge Unit where she focuses on data and information management. Stephanie's activities include the Knowledge Gateway, data dissemination and statistical analysis. Previously, she worked for the Canadian German Chamber of Industry and Commerce in Montreal, Canada where she was the Managing Director of the Regional Office Quebec & Eastern Canada.



**Eberhard  
Waffenschmidt**

Cologne University  
of Applied Science

Eberhard Waffenschmidt studied electrical engineering at the Technical University (RWTH) in Aachen, where he received his PhD degree. Between 1995 and 2011 he was employed at Philips Research. Since 2011 he is Professor for electrical power grids at the Cologne University of Applied Science. His special interest is in identifying and removing obstacles on the way to a 100% use of Renewable Energy.



**Werner  
Weiss**

AEE-Institute for  
Sustainable Technologies  
(AEE INTEC)

Werner WEISS is director of AEE INTEC in Austria and was chairman of the Solar Heating and Cooling Programme of the International Energy Agency (IEA) from June 2010 to May 2014. He is also a board member of the European Technology Platform on Renewable Heating and Cooling. Werner has been the project coordinator of more than 30 national, European and international solar thermal energy projects. His main research activities are on solar combi-systems and solar heat for industrial processes. Since 2007 Werner is a lecturer at Vienna University of Technology and faculty member of the continuing education centre.



**Laura  
Williamson**

Renewable Policy  
Network for the  
21<sup>st</sup> Century

Laura is the Communication and Outreach Manager at REN21 where she is responsible for promoting the efforts of REN21 to an international audience. Laura's other activities include managing the production of thematic reports and coordinating the biennial International Renewable Energy Conference. From 2008 to 2013, she was the Project Director for HELIO International, an international think-tank developing renewable energy solutions. Previously, Laura worked for the United Nations Environment Programme on industry and sustainability issues.

Senior Manager at the Interim Secretariat of the GCF, in charge of supporting the GCF Board. He has also held other posts including being Special Adviser to the Executive Secretary of the United Nations Framework Convention on Climate Change (UN-FCCC) and working in the UNECE in the secretariat of the Convention on Long-range Trans-boundary Air Pollution.



**Faruk Yusuf  
Yabo**

Federal Ministry  
of Power, Nigeria

Faruk is Assistant Director in the Department of Renewable Energy and Rural Power Access of the Federal Ministry of Power. He is also a Special Technical Advisor focussing on the development of national policies on renewable energy, energy efficiency and rural electrification. Before his appointment as Special Adviser, Faruk worked in the area of electrical inspections, testing and certification of power plants, transmission lines, and distribution networks as well as on rural electrification. He has also served on committees to shape Nigeria's power sector reform.



**Peter  
Wooders**

International Institute  
for Sustainable  
Development (IISD)

Peter is IISD's Group Director, Energy. He is a specialist in electricity generation and has developed a range of computer models including a suite of carbon market simulations covering both the EU and Kyoto systems. Peter currently contributes to various IISD's programmes, including Trade & Climate Change, notably Border Carbon Adjustment and the GHG impacts of possible Environmental Goods & Services agreements; Global Subsidies Initiative (fossil fuels and biofuels); Post-2012 Architecture of GHG Agreements; Carbon Markets and Climate Change Adaptation. Prior to IISD he spent 15 years working as an Energy & Environment consultant.



**Siward  
Zomer**

REScoop.eu

Siward works for the REScoop 20-20-20 project where he is responsible for the inventory of REScoops (Renewable Energy Sources cooperatives) in Europe. He is also chairman of the Dutch wind cooperative "De Windvogel". Siward has worked on the social, cultural and political aspects in the development of wind turbines, concluding that the cooperative/community model are the most suited model to develop renewables. He is a board member of REScoopNL and REScoop.eu, the Dutch and European federation of groups of citizens and cooperatives for renewable energy.



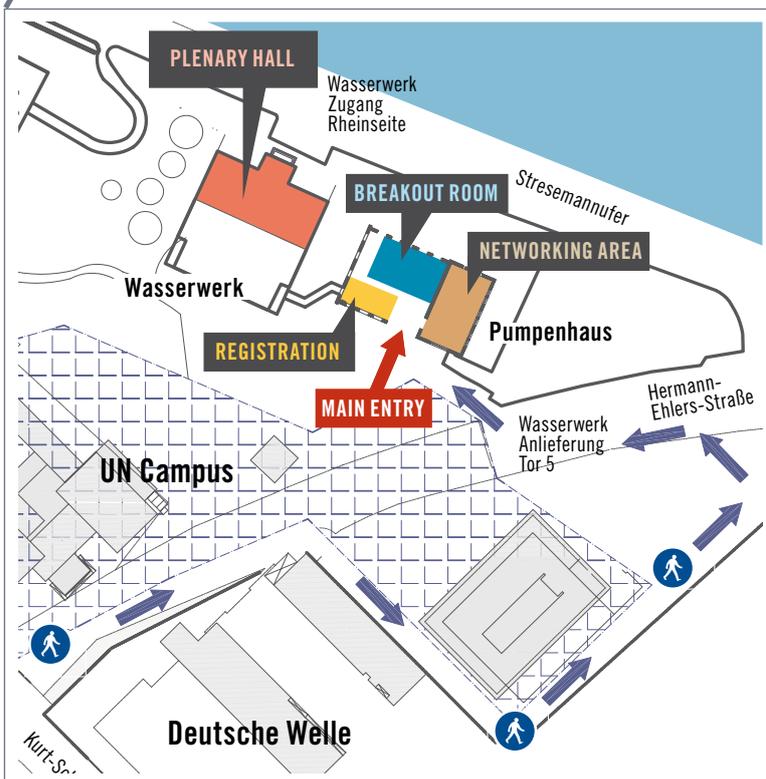
**Henning  
Wuester**

International Renewable  
Energy Agency (IRENA)

Henning is currently a Senior Programme Officer at IRENA, heading its work on renewable energy finance. Previously he worked for the Green Climate Fund (GCF) and was (in 2011) the Secretary to the Transitional Committee that drafted the Governing Instrument for the GCF. Henning has also been the



# PRACTICAL INFORMATION



### ADDRESS

**"Altes Wasserwerk"**  
World Conference Center Bonn  
Platz der Vereinten Nationen 2  
53113 Bonn, Germany



### TAXI

**Taxi Bonn**  
+49 228 555 555 (international call)  
0 228 555 555 (local call)



### EMERGENCY NUMBERS

**Police (Polizei)** 110  
**Fire Service (Feuerwehr)** 112  
**Ambulance (Rettungswagen)** 112



**Renewables Academy Manager**  
+33 683 63 20 33



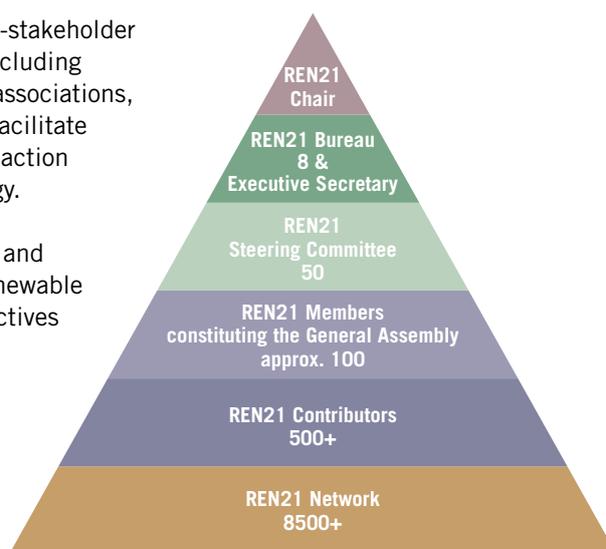
## THE REN21 STRUCTURE YOUR PARTICIPATION

REN21 is the global renewable energy policy, multi-stakeholder network that connects a wide range of key actors including governments, international organisations, industry associations, science and academia and civil society. It aims to facilitate knowledge exchange, policy development and joint action towards a rapid global transition to renewable energy.

REN21 welcomes the participation of international and supranational organisations active in the field of renewable energy whose mandates support the goals and objectives of REN21.

Within REN21's network there are **various levels of network participation:**

- › **REN21 Network**
- › **REN21 Contributors**
- › **REN 21 Members constituting the General Assembly**



### CODE OF CONDUCT

It is understood that representatives of REN21 members will conduct themselves in line with key principles befitting an international network. To this end each member is expected to adhere to the points listed below.

REN21 members are expected to:

- Be respectful and considerate of fellow members
- Aim to work in a collaborative manner
- Use words and actions responsibly

- Carry out activities in a transparent manner
  - Actively participate in REN21 and help to advance REN21's mission, e.g. by engaging in joint projects, identifying funding resources, promoting REN21 products and messages among their constituencies
  - Work collectively with fellow members to promote REN21's agenda and work programme
- If a member violates the code of conduct, its membership can be terminated as outlined in chapter 3§2 of the REN21 statutes.

Detailed information as to the expectations, benefits and application procedure for each level of participation is available at:

[http://www.ren21.net/Portals/0/documents/About/membership%20strategy\\_Final.pdf](http://www.ren21.net/Portals/0/documents/About/membership%20strategy_Final.pdf)

Please send any inquiries to:  
[secretariat@ren21.net](mailto:secretariat@ren21.net)



## ABOUT THE ORGANISER

REN21 is the global renewable energy policy multi-stakeholder network that connects a wide range of key actors. REN21's goal is to facilitate knowledge exchange, policy development and joint action towards a rapid global transition to renewable energy.

REN21 brings together governments, nongovernmental organisations, research and academic institutions, international organisations and industry to learn from one another and build on successes that advance renewable energy. To assist policy decision making, REN21 provides high quality information, catalyses discussion and debate and supports the development of thematic networks.

For more information please visit: [www.ren21.net](http://www.ren21.net)