



# German-Latin American Conference Energiewende / Energy Transition

1<sup>st</sup> – 4<sup>th</sup> December 2020

4.00 - 8.00 pm CET

Online

<https://virtual.expo-energiewende.com>

# Foreword

“The energy transition is our pathway into a future that is secure, environmentally-friendly, and economically successful.”

(Federal Ministry of Economic Affairs and Energy, Germany)

ExpoVirtual energiewende – América Latina 2020 dedicates to an international exchange about energy transition. To protect our environment and our climate is a challenge that we can only master in a joint effort. Actors from politics, business, research, and society have to work together and collaborate internationally. We are thrilled to welcome 35 speakers on this occasion from Germany and Latin America: Brazil, Chile, Costa Rica, Colombia, Dominican Republic, El Salvador, Mexico, and Uruguay. The interest in international exchange is a good sign and an essential contribution to a successful energy transition.

We wish you a fruitful exchange and hope to set the first step for ongoing discussions, knowledge exchange, and cooperation between Germany and Latin America.

## The Organizers



Meike Wächter  
**Managing Partner**

**energie wachter GmbH**



Thorsten Gusek  
**Managing Partner**

**energie wachter GmbH**

# Organization

The conference is part of the digital fair ExpoVirtual energiewende – América Latina. Further information about the fair, conference program, and speakers is available at:

[www.expo-energiewende.com](http://www.expo-energiewende.com)

## Participation in the conference

Please register as a visitor (free of charge) and login at the platform of the fair to access the conference:

<https://virtual.expo-energiewende.com>

## Language

The language of the conference is English.

## Time Zones

The time stated in the program is Central European Time (CTE). Please use the time zone converter to find your corresponding time in Latin America.

<https://www.expo-energiewende.com/programm#TimeZoneConverter>

## Questions to the speakers

We appreciate an active participation of the audience with our speakers. The presentations will be set in general for 20 minutes and allow a 5-minute session for questions and answers. Please ask your questions in the **Chat Box of the conference room**. The moderators will read them out to the speakers.

## Recording of the conference

If you have missed a live session, you can view the recordings of the conference in the **video library** for the duration of the fair.

# Green Energy

Conference Program 1<sup>st</sup> – 4<sup>th</sup> Dec | **Day 1** | Tuesday, 1<sup>st</sup> Dec 2020

Time Zone: Central European Time (CET)

## Welcome

16:00 – 16:05 **Welcome by the organizers/ Energy transition Latin America & Germany**

*Maria José Sasse, Consultant, energiewaechter GmbH, Germany*

16:05 – 16:15 **Keynote: German- Chilean Energy Partnership**

*I.E. Cecilia Mackenna Echaurren, Ambassador of Chile to Germany*

## Session 1 – Energy Transition and Energy Generation

16:15 – 16:40 **Sustainable Energy Concepts for Energy Transition**

*Prof. Dr. Ing. Stephan Krauter, Head Professor  
University of Paderborn, Germany*

16:40 – 17:05 **Energy Transition in the Dominican Republic (Objectives, Challenges, Lessons learned)**

*Yeulis Rivas, Director of Renewable Energies and Energy Efficiency  
National Energy Commission - Dominican Republic (in Spanish language)*

17:05 – 17:30 **Chances for Photovoltaic and Solar Thermal Energy in Latin America**

*Jan Knaack, Senior Project Manager International and Research  
Bundesverband Solar Wirtschaft, Germany*

17:30 - 17:55 **Co-benefits by the Development of Wind Projects - Best Practice Projects in LATAM**

*Carla Tapia, Senior Sales Manager Latin America  
ENERCON GmbH, Germany*

**BREAK (5 min)**

## Session 2 – Energy Generation and Storage

18:00 – 18:25 **Biogas - Development, Status Quo and Future Trends**

*Frank Hofmann, Consultant International Affairs  
German Biogas Association, Germany*

18:25 – 18:50 **Development of Geothermal Energy in Central America - Policies, Technology, Resources**

*Claus-Bernhardt Johst, Energy, Climate, Environmental, and Corporate Social Responsibility Consultant*

18:50 – 19:15 **Energy Storage and Security of Supply**

*Markus Rosenthal, Head of Policy and Regulation  
BVES German Energy Storage Systems Association, Germany*

19:15 - 19:40 **Hydrogen – An Opportunity for Latin America?**

*Stephan Franz, Managing Director  
Büro F, Germany*

19:40 - 20:05 **Green Hydrogen - First Projects in Germany - Best Practice**

*Univ. Prof. Dr.-Ing. M. Norbert Fisch, CEO  
EGS-plan Ingenieurgesellschaft für Energie-, Gebäude- und Solartechnik mbH, Germany*

20:05 - 20:30 **Business Models for Virtual Power Plants - Best Practice**

*Ulrich Kaltenbach, Director International Sales and Business Development  
Energy and Meteo Systems GmbH, Germany*

20:30 - 20:35 **Closing remarks by the organizers**

# Efficiency First

Conference Program 1<sup>st</sup> – 4<sup>th</sup> Dec | **Day 2** | Wednesday, 2<sup>nd</sup> Dec 2020

Time Zone: Central European Time (CET)

## Welcome

	<b>Welcome by the organizers</b> <i>Silke Jenssen, Consultant</i> <i>energiewaechter GmbH, Germany</i>
16:00 – 16:05	
16:05 – 16:15	<b>Keynote</b> <i>H.E. Hans Peter Knudsen Quevedo, Ambassador of Colombia to Germany</i>

## Session 1 – Energy Efficiency in Buildings

	<b>Energy Efficiency in Buildings</b> <i>Dr.-Ing. Simon Schmidt, Head of Department Hygrothermics</i> <i>Fraunhofer Institute for Building Physics IBP, Germany</i>
16:15 – 16:40	
16:40 – 17:05	<b>Two Beacon Projects: Certified PassiveHouse/ENERPHit retrofit Projects in warm, hot, humid Climates</b> <i>Susanne Theumer, Passive House Planner, Energy Efficiency Expert</i> <i>Passivhaus Institut, Germany</i>
17:05 – 17:30	<b>Promoting Sustainable Buildings through Certification Systems</b> <i>Giulia Peretti, Team Leader Building Physics and Sustainability, DGNB-Auditor, Expert Sustainable Building (SHB),</i> <i>Werner Sobek Green Technologies GmbH, Germany</i>
17:30 - 17:55	<b>Climate Resilient Architecture, Energy Efficient Cooling</b> <i>Marco Schmidt, Research Consultant</i> <i>Federal Institute for Building City and Spatial Research (BBSR)</i> <i>Technical University Berlin, Germany</i>

BREAK (5 min)

## Session 2 – Energy Efficiency in the Industry

	<b>Energy Efficiency in Industrial Processes - Best Practice</b> <i>Dr. Henning Meschede, Professor</i> <i>University of Paderborn, Energy System Technologies, Germany</i>
18:00 – 18:25	
18:25 – 18:50	<b>Energy Efficiency Projects in Guatemala - Best Practice</b> <i>José Samuel Monterroso, President of the Association of Energy Efficiency (GEE)</i> <i>Attached to the Chamber of Industry of Guatemala</i>
18:50 – 19:15	<b>Use of Geothermal Heat in Industrial Processes</b> <i>Ana Lucía Alfaro, Project Coordinator FEO I</i> <i>GIZ, Costa Rica</i>
19:15 - 19:40	<b>Energy Efficiency in Industrial Buildings - Best Practice</b> <i>Dipl.-Ing. Johannes Hegger, Architect</i> <i>HHS Planer + Architekten AG, Germany</i>
19:40 - 19:45	<b>Closing remarks by the organizers</b>

# Environmental technologies and Infrastructure

Conference Program 1<sup>st</sup> – 4<sup>th</sup> Dec | **Day 3** | Thursday, 3<sup>rd</sup> Dec 2020

Time Zone: Central European Time (CET)

## Welcome

**Welcome by the organizers**  
16:00 – 16:05  
*Marta Cavalli, Consultant  
energiewaechter GmbH, Germany*

**Keynote**  
16:05 – 16:15  
*H.E. Dr. Peter Woeste  
Ambassador of the Federal Republic of Germany in El Salvador*

## Session 1 – Environmental Technologies

**Measures to Reduce the Nuisance to Citizens Caused by Odor Emissions from Municipal and Industrial Facilities in Urban Areas - Best Practice**  
16:15 – 16:40  
*Ralf Bisdorf, Sales Director  
Tholander Abluft Technik, Germany*

**Environmental Technologies: Waste to Energy - Resources and Recycling Best Practice**  
16:40 – 17:05  
*Silvia Kohlmann, Managing Director enviMV,  
network for environmental technologies Mecklenburg-Vorpommern, Germany*

**Opportunities for Creating a Circular Economy on the PV Solar Industry**  
17:05 – 17:30  
*Ing. Leonardo G Velasco Ochoa, President  
Mexican Photovoltaic Industry Association, Mexico*

**BREAK (5 min)**

## Session 2 – Green Cities and Infrastructure

**Morgenstadt - City of the Future**  
17:35 – 18:00  
*Dr. Antonino Ardilio, Head of Technology & Innovation Intelligence  
Fraunhofer-Institute for Industrial Engineering IAO | Morgenstadt Initiative, Germany*

**Best Practice - Sustainable Mobility Program Chile**  
18:00 – 18:25  
*Daniela Soler, Head of Unit for Efficient Transport  
Ministry of Energy, Chile*

**Best Practice - Efficient and Sustainable Urban Mobility MOVÉS - Uruguay**  
18:25 - 18:50  
*Martín Piñeyro, Transport specialist of the GEF UNDP Project Movés executed in  
the Uruguayan Ministries of Energy and Environment, Uruguay*

**Closing remarks by the organizers**  
18:50 - 18:55

# Financing, Education & Networks

Conference Program 1<sup>st</sup> – 4<sup>th</sup> Dec | **Day 4** | Friday, 4<sup>th</sup> Dec 2020

Time Zone: Central European Time (CET)

## Welcome

**Welcome by the organizers**  
16:00 – 16:05 *Maria José Sasse, Consultant  
energie waechter GmbH, Germany*

## Session 1 – Financing Green Energy Projects

**Crowdfunding - Innovative Financing for International Green Projects**  
16:05 – 16:30 *Martin Baart, CEO  
Ecoligo, Germany*

**Key Elements for Financing Renewable Energies**  
16:30 – 18:00 *Christian Grütte; Trainer / Senior Advisor Renewable Energies  
Leonardo Venablers S.L., Germany*

**BREAK (10 min)**

## Session 2 – Energy Networks and Education

**Importance of further Education for the Market Development of Renewable Energies**  
18:10 - 18:35 *Catalina Avila Morales, Director of Business Development  
Renewables Academy AG, Germany*

**Network: Women in the Energy Sector Germany and Latin America**  
18:35 – 19:00 *Tina Barroso, Berlin Director of CONEXIO  
Founding member of Hypathia Women´s Network for Renewable Energies and Cleantech,  
Germany*

**Energy Efficiency Networks in Germany - an Opportunity to improve Energy Efficiency in the Industry**  
19:00 - 19:25 *Dr. Dirk Köwener, Technical Director (CTO)  
LEEN GmbH, Germany*

**Closing remarks by the organizers**  
19:25 - 19:30

## Contact

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