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QUALITY INFRASTRUCTURE FOR ENERGY EFFICIENCY & RENEWABLE ENERGY IN LATIN AMERICA AND THE CARIBBEAN



AND



WITH THE CONTRIBUTION FROM:



Agenda

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“Forum on Regional Cooperation: Developing Quality Infrastructure for Photovoltaic Energy Generation”

Dates: September 13-15, 2017

Location: Hotel Renaissance, Avenida Presidente Kennedy 4700, Vitacura, Santiago de Chile

| Time | Activity | Speakers/Responsibility/Remarks |
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| First Day: Wednesday, September 13, 2017 | | |
| 08:30 | Registration | |
| 09:00 | Part 0: Introduction | |
| 09:00 | Introduction | Victor Ballivián (CORNELEC) |
| 09:02 | Opening | Andrés Rebolledo S. (Secretary of Energy, Chile) |
| 09:10 | Introduction to the workshop | Moderator: Victor Ballivian (CORNELEC) |
| 09:20 | Presentation of the project “Quality Infrastructure for Energy Efficiency and Renewable Energies in Latin America and the Caribbean” | Niklas Cramer (PTB) |
| 09:30 | Part 1: PV Market: PV Energy Policy, Regulation and Bankability | |
| 09:30 | <i>QI boosting PV Markets</i> | Francisco Boshell (IRENA) |
| 09:45 | <i>Chilean Experience: Implementation of PV installations and the importance of QI</i> | Rodrigo Mancilla (CORFO-PES) |
| 10:00 | <i>Solar Bankability Project: Risk mitigation utilizing QI</i> | Caroline Tjengdrawira (Tractebel Engineering S.A.) |
| 10:15 | Tools & Resources (1) <i>Presentation of the “Red Latinoamericana</i> | Alejandro Espín (OLADE) |

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| | <i>de Eficiencia Energética”</i> | |
| 10:30 | Coffee Break | |
| 11:00 | Panel Discussion: Questions & Answers | All speakers from PV Market, PV Energy Policy, Regulation and Bankability |
| 11:25 | Part 2: QI Elements as Support for Reliable PV Energy | |
| 11:25 | Standards <i>Technical Normative Basis</i> | George Kelly (IEC, Technical Committee 82) |
| 11:40 | Testing <i>PV Testing: Module Reliability Scorecard</i> | Patricia Darez (DNV GL) |
| 11:55 | <i>Advances in the Region: Colombia Experience</i> | Ricardo Ávila (LABE - UNAL) |
| 12:10 | <i>Testing in extreme weather conditions</i> | Francisco Boshell (IRENA) |
| 12:25 | <i>Quality of the PV System and its key components (TBC)</i> | Javier Diaz Berrade (CENER) |
| 12:40 | Panel Discussion: Questions & Answers | All speakers from Standards and Testing; Moderator |
| 13:05 | Lunch | |
| 14:30 | QI for policy making (postponed from Part 1) <i>QI supporting policy making for the PV market</i> | Les Nelson (NABCEP) |
| 14:45 | Metrology <i>Solar radiation as key source to be measured</i> | Dr. Wolfgang Finsterle (PMOD/ World Radiation Centre) |
| 15:00 | Licensing of Installers <i>How to assure the correct installation of a PV System</i> | Les Nelson (NABCEP) |
| 15:15 | International Certification <i>How to assure the performance and durability of a PV System</i> | George Kelly (IEC, Technical Committee 82) |
| 15:30 | Tools & Resources (2) <i>Tutorial INSPIRE: IRENA standards and patents web platform</i> | Alessandra Salgado (IRENA) |
| 15:45 | Panel Discussion: Questions & Answers | All speakers from Metrology, Certification, Inspection, Tools & Resources; Moderator |
| 16:10 | Coffee Break | |
| 16:40 | Part 3: Closure Day 1 | |
| 16:40 | Key messages of Day 1 | Moderator: Victor Ballivian |

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| 17:00 | End of First Day | |
| 18:00 | Bus leaves for dinner | |
| 19:00 | Dinner | Restaurante Divertimiento Chileno Av. El Cerro s/n esquina Pedro de Valdivia Norte, Parque Metropolitano. Providencia, Santiago de Chile Dress code: casual. (Please note: <i>Dinner is only for those who participate in the three days of the Forum</i>) |

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| Second Day: Thursday, September 14, 2017 | | |
| 09:00 | Part 4: Introduction of the working groups | |
| 09:00 | Presentation of the results of the survey | Alessandra Salgado (IRENA) |
| 09:20 | Explanation of working group dynamic Resumé of PTB project indicators and procedure Conformation of working groups | Moderator: Imilce Zuta (PTB) Niklas Cramer (PTB) |
| 09:45 | Working groups: (occurring in parallel) Part 5: Needs and Good Practices | |
| | Policy, Finance & Industry | Moderator: Niklas Cramer – Experts: Caroline Tjengdrawira |
| | Standards, Regulations & Inspection | Moderator: Francisco Boshell – Expert: Les Nelson |
| | Metrology & Conformity Assessment | Moderator: Christian Göthner – Expert: Dr. Wolfgang Finsterle |
| 11:00 | Coffee break | |
| 11:20 | Continue with working groups | |
| 12:00 | Presentation round 1 | |
| 12:15 | Presentation round 2 | |
| 12:30 | Lunch | |
| 14:00 | Working Groups: (occurring in parallel) Part 6: Developing an Action Plan | |
| | Policy, Finance & Industry | Moderator: Niklas Cramer – Experts: Les Nelson/ Caroline Tjengdrawira |
| | Standards, Regulations & Inspection | Moderator: Francisco Boshell – Expert: George Kelly |
| | Metrology & Conformity Assessment | Moderator: Christian Göthner – Expert: Dr. Wolfgang Finsterle |
| 15:30 | Coffee Break | |
| 16:00 | Reporting on working groups | Moderator: Imilce Zuta |
| 17:00 | Part 7: Closure Day 2 | |

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| 17:00 | Key messages of Day 2 | Moderator: Imilce Zuta |
| 17:15 | Evaluation of the workshop | Moderator: Imilce Zuta |
| 17:45 | End of Second Day | |

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| Third Day: Friday, September 15, 2017 | | |
| 9:00 | <i>Part 8: Organized site visit to a photovoltaic power plant</i> | |
| 9:00 | Meeting in the hotel lobby | Wear comfortable shoes and clothes, sun block if needed. |
| 9:15 | Bus leaves for photovoltaic power plant | |
| 10:00 | Arrival at power plant | |
| 10:15 | Presentation of power plant / Security talk | |
| 11:00 | Walking tour of power plant | |
| 12:00 | Bus leaves for hotel | |
| 13:00 | Lunch at hotel | |
| | End of Third Day | |