



## **25th Anniversary of the World Clean Energy Conference WCEC** **jointly with the China Energy & Environment Summit CEES** **2016-11-1/4 at the United Nations in Geneva** **Draft Agenda**

**Enable SDG 7 on Clean, Sustainable Energy and the COP21 Agreement for Climate Protection**

**Tuesday 1 November 2016      08.15 - 09.30    Registration and Lecturer Briefing Session**

### **09.30 - 13.00 Welcome Addresses and Introductions**

\* invited \*\*WCEC Governing Board Member

Johann Schneider-Ammann, Swiss President, Minister of Economy, Education and Research \* ++  
 Doris Leuthard, VP, Minister of Energy, Environment, Transport & Communication \* (alternative ++)  
 Barack Obama, President & Al Gore, Former US Vice President / joint Nobel Price Laureate IPCC \*  
 Ségolène Royal, Ministre de l'Environnement, de l'Energie et de la Mer, Présidente de la COP21 \*  
 Marlies Amann-Marxer, Minister for Infrastructure and Environment, Principality of Liechtenstein \*  
 Bertrand Piccard, Chairman SOLAR Impulse and Clean Flight and PV Energy Pioneer, Switzerland  
 Prof.Dr. Mohan Munasinghe, Chairman, Munasinghe Institute for Development (MIND), Sri Lanka  
 Zhiquin Lin, Chairman, 9th Joint Chinese Energy & Environment Summit, UIBE, Beijing, PRC \*\*  
 Shi Dinghuan, former State Council and Secretary General, Science & Technology Ministry, Beijing \*  
 Hans-Josef Fell, former Parliamentarian, EEG Founder, Chairman Energy Watch Group, Germany \*\*  
 Clean Energy Value Chain Vision, Scott Foster, Director ECE Sustainable Energy Division \*\*  
 Gustav .R. Grob, Dean em. President ISEO & WCEC Conference Chairman & Session Moderator \*

### **14.30 - 18.00 Energy Impacts on the Economy, Environment, Climate & Health**

#### **Introductions by UN-Agencies - The Global Survival Problems and Solutions**

**UNEP - UN Environment Programme** Eric Solheim, Executive Director, Nairobi \*

**WMO - World Meteorological Organization** Prof. Petteri Taalas, Secretary General

**UNITAR - UN Institute for Training and Research** Dr. Nikhil Seth, Secretary General \*

**UNIDO - UN Industrial Development Organization** Dr. Li Yong, Director General, Vienna \*

**ILO - International Labor Organization** Guy Rider, Director General, Geneva \*

**IRENA - International Renewable Energy Agency** Adnan Z. Amin, Director-General \*

**UNESCO - UN Educational, Scientific & Cultural Organization** O. Benkchikh, Director Energy

**WTO - World Trade Organization** Vesile Kulacoglu, Director, Trade & Environment Division \*

**UN HABITAT - United Nations Human Settlements Program** Dr. Joan Clos, Executive Director \*

**FAO - UN Food & Agricultural Organization** Oliver Dubois, Leader of FAO Energy Programme

**UNECE - UN Economic Commission of Europe & North America** C.F. Bach, Executive Director \*

**18.00 Cocktail Reception / CLEAN ENERGY** by Hans Erni with introduction by J.C. Giroud

**19.00 TV Panel discussion with the Chairpersons, UN, NGO, Industry and Political Leaders**

Wednesday 2 November 2016

<b>09.30 - 13.00 Energy in the Total Economic, Social and Ecological Context Solutions by Specialized and Regional Non-Governmental Organizations</b>
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**GLOBETHICS** Prof. Dr.Dr.hc. Christoph Stückelberger, Founder and President

**GREEN CROSS** Alexander Likhotal, President / Adam Koniuszewski, CEO

**IUCN - International Union for the Conservation of Nature** Cristine Cargill, Director General \*

**REN21 Renewable Energy Network** Christine Lins, Executive Secretary, former EREC SG \*

**ICC - International Chamber of Commerce**, J. Santaholma, Chair, ICC Energy Commission \*

**WBCSD - Business Council for a Sustainable World** Peter Bakker, President \*

**IAHE - International Hydrogen Energy Association**, Proff. T. Nejat Veziroglu / Ibrahim Dincer

**ISES - International Solar Energy Society**, D. Mills, former President ISES, Australia \*

**EUROSOLAR** Tobias Jaletzky, CEO, Bonn, Germany \*

**FOLKECENTER History & Network**, Preben. Maegaard, Founder President, Denmark

**WWF - Worldwide Fund for Nature, Gland** Thomas Wellacott, Director General \*

**GREENPEACE** Jennifer Morgan, Executive Director \*

<b>14.30 - 18.00 Impact Assessments on Biospheres, Health and Climate</b>
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**WHO - World Health Organization** Dr. Maria Neira, Director of Environment Division

**UNISDR - UN Office for Disaster Reduction** Dr. Robert Glaser, Secretary General

**Energy Impacts on the Biosphere** Dr. Philippe Roch, former Swiss State Secretary for Environment\*\*

**Energy and Risk Reduction** Dr. Robert Glaser, Secretary General

**Environmental Law Systems for Sustainable Energy** N. Robinson, USA / A. Bradbrook, Australia \*

**Consequences of Climate Imbalances** Prof. Martin Beniston, Geneva University

**Depletion of Petroleum Resources:** Dr. Colin J. Campbell \*

**Social Cost and Sustainability** Prof. Olav Hohmeier, Europa University, Flensburg, Germany \*

**Climate Change and Proactive Strategies for Mitigation** T. Streiff, SwissRe, Switzerland \*

**Panel Discussion on Total Energy Costing & Emission** with all speakers

**18.00 TV Panel discussion with the Chairpersons, UN, NGO, Industry and Political Leaders**

<b>20.00 Energy Film Series by DW Coal, Oil &amp; Gas versus The Grand Future Energy Vision</b>
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**09.00 - 12.30 Clean Mobility, Smart Grids, Smart Cities and Energy Efficiency Benefits**

**Energy Efficiency Impact on SDG 7 & COP22** Benoit Lebot, Executive Director, IPEEC, Paris  
**Factor 4: A New World Energy Strategy** P. Hennicke, Wuppertal Institute, Germany \*  
**Energy Efficiency Role in Sustainable Energy** Prof. Martin Patel, University Geneva  
**Energy Efficiency Progress in Geneva** Cédric Jeanneret, SIG Geneva, Switzerland  
**Chinese Clean Efficient Mobility** Chen Liming, Zheijang University, Hangzhou  
**The Smart Grid Revolution** Li Yondong / ..... Tsinghua University, Beijing  
**The Evolution of Efficient Lighting and Light Measurement** Ye Guanrong, ZHEDA University  
**Sustainable Communities** Ichin Cheng, Director of Sustainable Innovation Lab, UK  
**IRU - International Road Transport Union**, Christian Labrot, President \*

**14.30 - 15.30 Legal Aspects and Emission Reduction** (Global Energy Charter Principle 1)

**Global Cooling** H.J. Fell, former Parliamentarian, EEG Founder, Chairman Energy Watch Group  
**International Conventions, Protocols and the Global Energy Charter** A. Bradbrook, Australia  
**Clean Energy Solutions – Legal Aspects** R.L. Ottinger, USA \*

**15.30 - 18.00 Renewable Energy** (Global Energy Charter Principle 4)

**Photovoltaics Evolution** Xi Wenhua, UNIDO International Solar Energy Center, China \*  
**Solar Thermal Energy** Prof. Andreas. Luzzi / Prof. D. Mills, Australia \*  
**New Hybrid Solar Collectors for Water Heating & Power** A. BrennMiller, Israel \*  
**Solar Energy in Developing Countries** E. Okhloo, Ghana / Franziska Heusser, Burkina Faso  
**Utilization of Renewable Energy in the Agri Sector** Prof. Dong Renjie, CAU, Beijing  
**Bio Energy Development** Prof. Jean David Rochaix, Geneva University  
**Silent Power - Decentralized Methanol Energy System** Prof. Urs Weidmann, Switzerland  
**Wind Energy Future** Steve Sawyer, Secretary-General, GWEC / Preben Maegaard, Denmark  
**Hydro Power Future** Richard M Taylor, IHA, Fellow of the Energy Institute (UK) \*  
**Geothermal Power and Heat** Dr. Ritesh Arya, India  
**NOVEL Energy Technologies** Adolf Schneider, NET Journal and Transaltec, Switzerland.  
**LENR Progress and Cooperation Plans**, Dr. Franecsco Celani, VP of ISCMNS, Italy

Friday, 4 November 2016

<b>09.30 - all day Financing for the Clean, Sustainable Energy Age and Implementation</b>
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**100 % Renewable Energy Goal world-wide** Prof. Christian Breyer, Finland

**A New Financing Strategy** Paul Clemens-Hunt, Former Director of the UNEP Finance Initiative

**The Role of the World Bank Policy** Charles Feinstein / Dana R. Younger \*

**GEF - Global Environment Facility** H. Geoffrey Leonard, CEO and Founding Partner \*

**UNDP - UN SDG Development Program** Helen Clark, DG / Dr. David Nabarro SDG coordinator \*

**Clean Tech Future** Dr. Claude Béglé, Swiss National Councillor, Symbio Swiss, Switzerland \*\*

**Ultimate Energy Transmutation** Dr. Ulf Bossel, UC Berkeley, ex-ABB, ALMUS AG \*\*

**Clean, Sustainable Cities**, Konrad Otto-Zimmermann, former Secretary General, ICLEI

**Rechanneling Energy Subsidies** Jürgen Trittin, MdB, ex-Environment Minister, Germany \*

**Role of Monetary Policy / Central Banking** Alexander Barkawi, CEP \*

**Standard Tools for Total Costing of Energy Systems** G.R. Grob, Switzerland

**Carbon Asset Risk and Role of Investment Choices** Dr. Isabella Alloisio, FEEM, Italy

**World-wide Implementation Steps** Dr. David Nabarro, UNDP and UN SDG Special Envoy \*

**European Union Clean Energy Financing Plan** ..... EIB, Luxembourg.

**The Energy-Water-Nexus in the Arab World** Prof.Dr. Hussain Al-Towaie, Aden University, Yemen\*\*

**United States Clean Energy Financing Plan** .....

**Canada Clean Energy Policy** .....

**China Clean Energy Policy** .....

**Danish Clean Energy Policy** .....

**German Clean Energy Financing Plan** .....

**French Clean Energy Policy** .....

**India Clean Energy Policy** .....

**The biggest Clean Energy Project for Flooding Prevention MEDSHILD** Bernard Aubert, France

**The REDSHILD Project saving the Energy and Water Crisis in Yemen** Prof.Dr. Hussain Al-Towaie

**The Ultimate Solution to Avoid Nuclear Risks** Abdolreza Metghalchi, Iran

<b>17.00 Conclusions and Recommendations to COP22</b>
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**The Blueprint for the Clean, Sustainable Energy Age** Gustav R Grob, Editor in Chief

**Geneva Declaration for a Clean Energy Future addressed to COP22 and SDG 7**



**Saturday 5 November - Monday 7 November 2016**

**Excursions Programs**

- Demonstration of Electric Vehicles and Solar Boats
- Hydropower with the Highest Dam of the World
- Swiss Energy Research Institutions
- Cultural City Tour with Museums
- CERN visit



**United Nations**



**The highest Fountain of the World**



**Chillon Castle on Lake Geneva**



**The Highest Hydro Power Dam of the World**



**Mont Blanc - Highest Mountain in Europe**



**The biggest Flower Clock in the World**



**CERN the biggest Synchro Cyclotron**