

## Project Description

Name	2017 Seminar on Electrification Mode Based on Clean Energy for Countries along the Belt and Road		
Organizer	National Research Institute for Rural Electrification, Ministry of Water Resources /Hangzhou Regional Center (Asia-Pacific) for Small Hydropower (HRC)		
Time	May 5 <sup>th</sup> – June 1 <sup>st</sup> , 2017	Language	English
Invited Countries	Officials from the related departments in the filed of clean energy and electrification, Countries along the Belt and Road		
Number of Participants	25		
Requirements for the Participants	Age	Under 45 for officials at or below director's level; under 50 for officials at director general's level.	
	Health	In good health condition with a health certificate issued by the local public hospital; without diseases with which entry to China is disallowed by Chinese laws or regulations; without severe chronic disease such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without mental diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled nor pregnant.	
	Language	Capable of listening, speaking, reading and writing in English.	
	Others	The expenses of family members or friends coming to and staying in China will not be covered by the Chinese Government.	
Host City	Hangzhou, Zhejiang Province	Local Temperature	17-20°C
Cities to visit	Yichang, Hubei Province; Shanghai; Ningbo, Ninghai, and Jinhua, Zhejiang Province	Local Temperature	Yichang 18-27°C Shanghai 16-24°C Ningbo 17-25°C Ninghai 17-25°C Jinhua 18-26°C
Notes			
Contact of the Organizer	Contact Person	Ms. SHEN Xuequn; Ms. SHI Jin	
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<p>About the Organizer</p>	<p>HRC, also called NRIRE, was founded with the joint sponsorships of Chinese government and UN organizations such as UNDP/UNIDO in 1981 in Hangzhou, China, specializing in R+D and training etc. in the fields of renewable energy development including SHP and rural electrification. Entrusted by Chinese Ministry of Water Resources, the Ministry of Commerce, the Ministry of Science &amp; Technology, the Ministry of Foreign Affairs, UNDP, UNIDO, ILO, FAO and ASEAN Secretariat etc., HRC has until now, successfully hosted 87 seminars/training courses for more than 1700 participants of 112 countries regarding the subjects of rural electrification, water resources and renewable energy, inclusive of small hydropower, solar energy and wind power, etc. Meanwhile, HRC hosted over 30 international meetings or conferences in China and abroad, such as “Second International SHP Seminar” in Hangzhou, “International Seminar for S&amp;MHP” in Brazil, “Promotion Conference for Clean Energy Development” in Macedonia, “Seminar on Small Hydropower and Rural Electrification” in Tanzania, “Ministerial Seminar on Water Resources Management &amp; Planning for Developing Countries” and “Ministerial Seminar on Water Resources and Small Hydropower for Developing Countries”, etc. and approved to be “International S+T Cooperation Base of Zhejiang Province for Renewable Energy and Rural Electrification”. It is also renowned as the “Family of SHP in the World” and certified as the “Model of South-South Cooperation” of the Ministry of Commerce of China.</p>
<p>Seminar Content</p>	<p>Entrusted by the Ministry of Commerce of China, HRC will host the “2017 Seminar on Electrification Mode Based on Clean Energy for Countries along the Belt and Road” (in English) for 28 days in China, starting from 5 May to 1 June, 2017. The seminar will cover important topics and introduce experience and expertise on electrification mode based on SHP and other clean energies, including <i>Clean Energy Development in China, SHP Developing Modes, SHP Equipment in China, SHP Norms in China, Comparison of Rural Electrification Modes, SCADA System, Refurbishment of SHP Stations, Water Resources in China, Technology and Application of Solar Energy, Technology and Application of Wind Power</i>, and some other special topics, such as <i>China in brief, China’s foreign aid</i>, etc. The seminar also integrates classroom presentations with field survey/study tours which include Three Gorges Project, the sites of different hydropower plants, pilot projects as well as the equipment manufacturers of wind turbine and PV panels, etc. In addition, in order to help the participants enriching their spare-time life and understand Chinese national conditions, profound culture and its long history, the sightseeing in the picturesque city Hangzhou and the modern city Shanghai, as well as the culture activities to experience Taiji and tea art will be arranged.</p> <p>Through presentations, discussions and field survey/study tours, the participants will have a relatively full understanding of China, and they will be well informed of the electrification mode based on clean energy in China, including the development course, policies, proven technologies and equipments. Based on the seminar, the friendship and exchange will be strengthened and the participants are supposed to improve the capability for making more contribution to their homeland in the field of clean energy and electrification. The seminar aims at laying a good foundation for further enhancement of cooperation in clean energy and electrification among the countries along the Belt and Road.</p>

	<p>During the seminar, HRC will hold a forum on cooperation in the field of clean energy and electrification. All the participants will be kindly asked to introduce the exploitation of clean energy and development of electrification in their home countries, and the presentation should cover the following contents: <i>Overview of the country (e.g. geography, climate, population, economy etc.); General condition of energy and power of the country (e.g. energy structure, electrification ratio, energy organization, energy development strategy, etc.); Condition of electrification based on the development of clean energy (SHP/solar energy/wind power); Potential projects of SHP/solar energy/wind power and Difficulties and barriers in development of SHP/solar energy/wind power.</i> The participants are expected to prepare the related document/country report before coming to China.</p>
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