

# Seminar on Planning and Construction of Integrated Energy System for Developing Countries

## Project Introduction

Name	Seminar on Planning and Construction of Integrated Energy System for Developing Countries		
Organizer	International Cooperation Center, National Development and Reform Commission		
Date	September 13 <sup>th</sup> to September 26 <sup>th</sup> , 2022	Language	English
Invited Countries	Developing Countries	Number of Participants	50
Target	Learn from China's energy system planning experience, help China and developing countries to cooperate in the field of energy, and jointly promote sustainable energy development.		
Participants admissibles	Professional Experiences	——Majors: energy and related majors ——Working fields: energy and related fields ——Title, academic degree or other relevant qualification requirements: government officials ——Working years in related fields: unlimited ——Other requirements: NA	
	Age	Not exceed the legal retirement age in their country.	
	Physical health conditions	In good health and able to participate in the online training on time	
	Language capabilities	English listening, speaking, reading and writing skills meeting the course requirements	
	Other requirements	NA	
Introduction of the Project Content	<p>I . Through this seminar, we will share our experience and lessons learnt in energy and mineral management with officials, providing a reference for developing countries to draw a new blueprint and supports to our all-weather partnership. With resources and experience at hand, ICC is willing to promote the construction of energy systems with developing countries, strengthening connectivity in policy, infrastructure, trade, finance, and people-to-people relationship.</p> <ul style="list-style-type: none"> <li>➤ Common Courses           <ol style="list-style-type: none"> <li>1. Introduction to the National Conditions of China and International Anti-epidemic Cooperation</li> </ol> </li> <li>➤ Professional Courses           <ol style="list-style-type: none"> <li>1. China's Energy System Planning and Construction</li> <li>2. The Big Picture of Energy and Energy Policy</li> <li>3. The Application Value of Energy Storage Technology in a High Proportion of Renewable Energy Systems</li> <li>4. Mineral Resource Management</li> <li>5. Development and Utilization of Coalbed Methane</li> <li>6. Clean Energy Technologies and Applications</li> <li>7. Status and Development Prospects of China's Wind Power Industry</li> <li>8. Cases of Multi-energy Complementary Photovoltaic Industry Capacity Cooperation</li> </ol> </li> </ul>		

	<p>9. China’s International Cooperation in Renewable Energy  10. New Energy Cooperation between China and “Belt and Road” Countries</p> <ul style="list-style-type: none"> <li>➤ Discussion : <ol style="list-style-type: none"> <li>1. Q&amp;A Section*1</li> <li>2. Discussion on Planning and Construction of Integrated Energy System *1</li> <li>3. Course summary*1</li> </ol> </li> <li>➤ Country Report: <p>During this session, participants are allowed to introduce the basic national conditions of their country, which may include area, population, geographical distribution, economic development status, history and culture, etc..</p> </li> </ul> <p>II . Introduction to the video conference platform</p> <p>According to the actual situation of the trainees, this seminar will choose VOOV MEETING as the online training platform with live streaming.</p> <p>III.Materials to be prepared by the participants</p> <ul style="list-style-type: none"> <li>➤ Before the start of the class, trainees need to contact the coordinators of the organizer in advance, join the WhatsApp group, and get the meeting link;</li> <li>➤ Participants need to prepare necessary equipment such as network, computer, microphone and etc..</li> <li>➤ Participants are required to prepare discussion materials in accordance with the schedule and submit relevant materials as required.</li> </ul>		
Host City	Beijing	Cities to visit	Beijing
Requirement	<ol style="list-style-type: none"> <li>1. This training adopts VOOV MEETING platform for online training, requiring network, computer, mobile phone, camera and other relevant equipment.</li> <li>2. During the course, participants shall observe the teaching time and discipline. The training completion certificate will be issued with the attendance record taken into consideration.</li> <li>3. Teaching discipline: Please enter VOOV MEETING classroom 5 minutes in advance for preparation, and change your username to “passport name (in English)-nationality abbreviation”.</li> <li>4. Information security: In order to maintain information security and protect personal privacy, please do not record, take screen shots or share relevant information on any social media platforms during class. Course materials will be sent to participants after class.</li> <li>5. Participants shall prepare materials for subject seminar as scheduled.</li> </ol>		
About the Organizer	<p>Established in 1993, the International Cooperation Center (ICC) of the National Development and Reform Commission (NDRC) is a government institution directly subordinate to NDRC. Under the guidance of the thought on Socialism with Chinese Characteristics for a New Era and the correct leadership of the party committee of NDRC, ICC is willing to make efforts to implement the 2030 Agenda for Sustainable Development proposed by the United Nations and to contribute to build the community of shared future for mankind so that the platform of bilateral and multilateral cooperation and sharing China’s development achievements can be set up. Based on the function of international cooperation and committed to the high-quality development, we will always adhere to the overall work of the party and the country as well as the key work of NDRC. Presently, ICC, working in with NDRC, has become the major institution which supports a series of international cooperation mechanisms in the construction of Belt and Road Initiative and international capacity cooperation and the new-type comprehensive think tank involving different fields such as policy research, international cooperation, planning consultation, high-end training, foreign affairs services, etc. ICC is a member of the joint conference on international cooperation of NDRC as well as a member of</p>		

the leader group office of promoting the construction of Belt and Road Initiative.

### **1、 Main functions of ICC:**

-- Consultation. ICC deeply participates in the major theoretical research and top-level design for the national development and reform work and provides intellectual support for the work of the Party Central Committee, the State Council and NDRC.

-- Mechanism implementation. ICC is in charge of implementing the multilateral or bilateral negotiation and cooperation mechanism established by NDRC and foreign governments. Also, ICC is making efforts to promote the construction of Belt & Road Initiative and the connectivity of strategy and planning, mechanism, platform and project in international capacity cooperation.

-- Public diplomacy. ICC undertakes the work of organizing international exchanges between governments, institutions and enterprises, formulating cooperation plans, providing policy consulting services, conducting international training and promoting international cooperation.

-- Assisting local governments. ICC provides policy guidance, prepares developing plan and builds cooperation platform for local governments in order to help them develop higher-level open economy in the new-round reform and opening up.

-- Guiding the orientation of public opinion. On the basis of the advantages of theoretical innovation and international cooperation, ICC properly guides the orientation of public opinion and contributes to the national development and reform as well as opening up by propagating high-quality thoughts with objectivity, scientificity and predictability.

-- Providing foreign affairs services. ICC undertakes the foreign affairs work from institutions of NDRC and organizes various types of international conferences to guarantee the key work of NDRC.

### **2. Brief introduction of foreign aid work:**

ICC makes full use of the advantages of relevant departments and bureaus of the National Development and Reform Commission and the Academy of Macroeconomic Research. Over the years, a large number of experts have been gathered to make great contributions to recipient countries in terms of economic policy interpretation, planning formulation, and international cooperation. As of the end of 2021, ICC has implemented nearly 400 foreign aid training programs. It has invited more than 17,000 officials from more than 130 countries and regions. There are more than 20 themes, mainly covering the "Belt and Road" Initiative, macroeconomics, infrastructure, urbanization, China's experience sharing, public management, capacity cooperation, climate change, medium and long-term planning. Over the years, ICC has organized and implemented 44 projects under the "Belt and Road" initiative, training more than 1400 officials from countries along the route. ICC has made great efforts to publicizing the "Belt and Road" initiative, interpreting Chinese policies and measures, sharing development experiences, and promoting people-to-people bonds in countries along the route.

### **3. Overview of the executive team:**

ICC has more than 30 professional and executive staffs for foreign aid training project, who have participated in foreign aid training and related international cooperation projects for many years, including 6 members with more than 8 years of foreign aid training experience and 7 members with more than 6 years of foreign aid training experience. There are 4 members with 5 years of foreign aid training experience, and more than 13 members with 4 years or less of foreign aid training experience. Their working languages involve English, French, Spanish, and Russian. Among them, 8 people has passed the TEM-8 and 7 have returned from studying abroad with rich experience in foreign affairs and international cooperation. Meanwhile, other research teams of ICC can also participate in the work of foreign aid training projects to ensure the successful implementation of the project.

Contact Information of the Organizer	Coordinator : Miss Jian Qiaoling, Miss Lee Xinxian Phone : 0086-10-63906204 Telephone : 0086-18910567586 (Jian), 0086-18374702887 (Lee) Fax : 0086-10-63906201 Wechat : 18910567586 (Jian) ; 18374702887 (Lee) Whatsapp : 0086-18910567586 (Jian) ; 0086-18374702887 (Lee) QQ : 952586077 E-mail : ndrcaid@163.com
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