



RETI ☆ BA 2006

Shenzhen International Workshop on Renewable Energy Technology and Investment

**Bluesky Award Evaluation of Global Top Investment Scenarios to Apply New Technologies
for Renewable Energy Utilization**



Oct. 12-17, 2006 the Same Period of China Hi-tech Fair

Shenzhen, China

International Convention and Exhibition Centre

TOPIC ON

CDM-A NEW ENGINE FOR RENEWABLE ENERGY DEVELOPMENT

12-17 October, 2006

Shenzhen, China

Facing the growing energy crisis, resource shortage and environment pollution resulting from the over-consumption of conventional fossil fuel, promotion and utilization of renewable clean energy, particularly the combination of its research and industrialization for cost-effective ways, has become an urgent issue for countries all over the world, especially the developing ones.

RETI& BA 2006 will be based on the collection of leading technologies in renewable energy on global scale, the showcase of nominated technologies at China High-Tech Fair(CHTF) and the workshop of worldwide authorized scientists and experts in Shenzhen, China, as well as the evaluation of BlueSky Award for Global Top Ten Investment Scenarios to Apply New Technologies for Renewable Energy Utilization and the Award Presentation Ceremony, with an aim to promote the industrialization of renewable energy technologies in China and other developing countries through the exchange and demonstration of winning technologies.

RETI ☆ BA 2006 is a prestigious international event which crowded by multinational RE technology and investment specialists. Representatives from government administrations, universities, research institutes, public and private sectors and media will be gathered in Shenzhen. .

RETI☆BA 2006 Topic Seminar and BlueSky Award Candidates Showcase in China Convention & Exhibition Centre will be open to the public. Whereas the RETI☆BA 2006 Summit Forum and Final Evaluation of BlueSky Award 2006 & Award Presentation Ceremony will accept registration from professionals with a capacity of 300 persons. Parties of interest please contact the organizing committee for enrollment in advance.

We look forward to your participation to RETI ☆ BA 2006.



United Nations Industrial Development Organization-
Shenzhen International Technology Promotion Center for Sustainable Development (UNIDO-ITPC)

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ORGANIZATION STRUCTURE

Directed by

United Nations Industrial Development Organization (UNIDO)
Shenzhen Municipal Government
BOAO Forum for Asia
China International Center for Economic and Technical Exchanges
Shenzhen Energy Group Co., Ltd.

Organized by

UNIDO-Shenzhen International Technology Promotion Center for Sustainable Development (UNIDO-ITPC)

Co-organized by

UNIDO Investment and Technology Promotion Branch
China Hi-Tech Fair Organizing Committee Office
China Renewable Energy Society
Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
Member Consultation Base of Chinese Academy of Sciences at Shenzhen
Shenzhen University Communication Research Centre
Shenzhen Institute of Building Research

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Guangzhou Branch, Chinese Academy of Sciences
Technical Co-operation among Developing Countries/ECDC Network in China
Shenzhen Government Trade and Industry Bureau
Huazhong University of Science and Technology
Deutsch-Chinese Economic and Trade Cooperation Center
Shenzhen Expertise Federation of Energy Conservation
Shenzhen Tsinghua International Technology Transfer Center

Official Websites

United Nations Industrial Development Organization official website: www.unido.org/
China Hi-Tech Fair official website: www.chtf.com/
UNIDO-ITPC website: www.unido-itpc.org/

Authorized Web Media

China New Energy Website: www.newenergy.org.cn/

Media Support

Shenzhen Energy

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Participants

Government energy policy-makers/Colleges and research institutes
Corporations, Financial Investment companies/Media, Other interested audience



2006 BlueSky Award Evaluation Schedule

Global Top Ten Investment Scenarios to Apply New Technologies for Renewable Energy Utilization

According to *BlueSky Award Evaluation and Award Procedure*, the nominated 20 technologies will be presented and evaluated during the China International High-Tech Fair. The evaluation will come from three channels: Internet, Hi-Tech Fair visitors and BA-EEC, with a ratio of 20%:20%:60% respectively.

The winning top ten technologies award ceremony and closing ceremony of RETI workshop will take place on 16th October afternoon at China High-Tech Fair.

■ 2006 BlueSky Award Candidates On-line Vote

Time: 15th Sep - 15th Oct 2006

Official Website: www.unido-itpc.org/

■ 2006 BlueSky Award Candidates Showcase & On-site Vote

Time: 12th Oct – 17th Oct (during CHTF 2006)

Venue: Main Assembly Room of CHTF 2006, Hall No. 4

Day 1 Time: pm 12th Oct

- ✓ Opening Ceremony
- ✓ Release of Energy China Promotion TV Series

Day 2 to 5 Time: 12th – 17th Oct

- ✓ Demonstration and introduction of Candidates
- ✓ On-site voting

■ 2006 BlueSky Award Evaluation Experts Committee Evaluation Activities

- ✓ BA-EEC members sign in Wuzhou Guest House, 15th Oct.
- ✓ Candidates showcase interview CHTF Hall #4, pm 5th Oct
- ✓ Internal work meeting Wuzhou Guest House, evening 15th Oct
- ⊙ Appointment ceremony
- ⊙ Discussion of evaluation work
- ✓ Candidates final presentation & Experts Committee poll Wuzhou Guest House pm 6th Oct

■ Final Evaluation of BlueSky Award and Award Presentation Ceremony

Time: am 16th Oct Venue: Huaxia Hall, Wuzhou Guest House

- ⊙ Introduction of BA-EEC Members by UNIDO
- ⊙ Questioning & answering directed by BA-EEC Chairpersons
- ⊙ Final vote by BA-EEC, ballots recording and calculation
- ⊙ Announcement and Awarding ceremony
- ⊙ News release & Closure



2006 Shenzhen International Workshop on Renewable Energy Technology and Investment

Topic Seminar

Time: 13th-16th Oct

Venue: Workshop Area, CHTF Hall No.4

13th Oct, Morning session			
Topic: Clean Development Mechanism (CDM)-An Opportunity for RE Industry			
Chairperson: Zhen WANG			
First Secretary, Chinese Commission to UNIDO			
09:30-10:00	CDM Mechanism and Renewable Energy Industrial Development Opportunities	Yuanqi YU	PhD./Deputy Project Director, International Coordinator, UNIDO-ITPC
10:00-10:30	CDM Case Study in India: Solar Energy CSP Technology	Deepak GADHIA	[India] Managing Director, Gadhia Solar Energy Systems Pvt. Ltd.
10:30-10:50	CDM Project certification	Xiaoyan LIU	CDM auditor of TÜV SÜD Gruppe
10:50-11:10	Renewable Energy CDM in Asia Market	Haoliang JIANG	Chief Representative in China, EEA Fund Management Ltd
11:10-11:30	CDM International Buyers Market and Financing	Kedin KILGORE	[US] RNK Security (TBC)
11:30-12:00	Multilateral Dialogue		
12:00-14:00	Lunch Break		
13th Oct, Afternoon session Topic: Solar Energy			
Chairperson: Wenhua XI			
Director, UNIDO International Center for Promotion and Transfer of Solar Energy Technology;			
Director, Gansu Natural Energy Research Institute			
14:00-14:20	High Efficiency Solar Energy Heater/Boiler	Lanying ZHANG	Senior Engineer/Director Assistant, UNIDO International Center for Promotion and Transfer of Solar Energy Technology, Vice Director, Gansu Natural Energy Research Institute
14:20-14:40	Flexible Wing Solar Energy Car	Weiming KONG	Chief Inventor, Creatvow Invention Organization
14:40-15:10	Rooftop-panel construction component type solar energy collecting device/warm water system	Peishi ZHU	General Manager, Kunming Xinyuan Sunshine Technology Co., Ltd
15:10-15:30	Constructive Panel Wall using Amorphous Silicon PV Cell Technology	Wukui CHEN	Board Chairperson, D-Techs Technologies Co. Ltd
15:30-15:50	Cohesive-light all-glass Evacuated collector tubes	Hongshen XU	Board Chairperson, Shenzhen Green Power Solar Technology Co., Ltd
15:50-16:10	Innovative Solar Water Heating System with High Efficiency Solar Collectors using Transparent Insulator Aerogel and TiOxNy Selective Surface Coating	Ximeng JIANG	Project Director, DYNAX Corporation
16:10-16:30	Multilateral Dialogue		
16:30-	End of Day 1		

14th Oct, Morning session Topic: Heat Recycling and Green Power Generation

Chairperson: Edgar SCHICKER

Professor for Process Plant Design at the University for Applied Sciences of Nuremberg, Germany
Head of Supervisory Board at BEST Berlin, Society for Plant Safety and Environmental Protection Ltd.

09:30-9:55	Redundant Heat to Electricity from Dry Cement Processing Production Line	Fu ZHANG	Tianjin Nengda Technology Co., Ltd
9:55-10:20	Helical Screw Expanding Power Generator	Da HU	Board Chairperson/General Manager, Shenzhen Huihe New Energy Technology Co., Ltd
10:20-10:45	A Novel Variable Speed Constant Frequency Doubly Fed Salient Pole Synchronous Machine	Yuquan NING	Professor, HuaZhong University of Science and Technology
10:45-11:10	Portable Hydrogen Station	Ricky Gujral	[US] CEO, Hydrogen Power Inc / GHTI
11:10-11:35	Smart Energy bonder of Getters – Nano-science Used in Energy Efficiency Improvement	Meiyong LEE	Researcher, Taiwan Courtesy Plastics Co., Ltd
11:35-12:00	Multilateral Dialogue		
12:00-14:00	Lunch Break		

14th Oct, Afternoon session Topic: Power Generation from Biomass

Chairperson: Bin LI

General Manager, Shenzhen Energy Group Co., Ltd

14:00-14:30	California Dairy Power Production Program	Dr. Bryan Jenkins	[US] Professor and Executive Director, California Biomass Collaborative/ University of California, Davis
14:30-15:00	Municipal Waste-to-Energy Technology and Industry	Yinghui MA	PhD./General Manager, Shenzhen Energy Environmental Engineering Co., Ltd
15:00-15:30	Technology and Equipment for Processing Organic Waste to Energy	Henadz ZHURAUSKI	A. V. Lukov Heat and Mass Transfer Institute, the National Academy of Sciences of Belarus
15:30-16:00	Straw to Coal, Gas and Electricity Energy Station	Shaoliang XU	Senior Engineer
16:00-16:30	Multilateral Dialogue		
16:30-	End of Day 2		

15th Oct, Morning session Topic: Biofuel

Chairperson: Chuangzhi WU

Senior Researcher/Director, Guangzhou Institute of Energy Conversion, China Academy of Science

09:30-10:00	Bioliq Project	E. Dinjus	[DE] Director, Chemistry Department, Research Center Karlsruhe
10:00-10:30	Fuel Ethanol Production from Cassava	Zhaoxing Tang	General Manager, Guangdong Zhongke Tianyuan Co., Ltd
10:30-11:00	Using Oil of Daphniphyllum Calycinum as Raw Material to Make Biodiesel and Compound Technique	Shuqi CHEN	Board Director/Researcher, Changsha TianDi Green Energy Resources Technology Institute
11:00-11:30	Total Technologies for Producing Fuels, Hydrogen and Electricity from Solid Wastes and Biomass Resources	Kunio Yoshikawa	[JP] Technology Director/Researcher, 3R Technology Co., Ltd.
11:30-12:00	Hydraulic Pressure Biogas Plant with Detachable Gas holders	Jianan WANG	General Manager, Shenzhen Puxin Science & Technology Co., Ltd
11:40-14:00	Multilateral Dialogue		

12:00-14:00	Lunch Break		
Oct 15th, Afternoon session Topic: Investment in Renewable Energy			
Chairperson: Jiyang WANG Member of Chinese Academy of Sciences			
14:00-14:30	Geothermal Energy Utilization & Circular Economy	Jiyang WANG	Member of Chinese Academy of Sciences
14:30-15:00	What will be our fuel for car tomorrow? -Possible substitutes & analysis	Guangyuan TAO	Vice Director, Deutsch-Chinese Economic and Trade Cooperation Center
15:00-15:20	Financing in Renewable Energy Development	Shanxin SHI	Consultant at China Development Bank, Vice President at Chinese Society for Urban Studies (CSUS)
15:20-15:40	Cost Effective Dye-sensitized Solar Cell Module & Application	Songyuan DAI	Institute of Plasma Physics, Chinese Academy of Sciences
15:40-16:00	Pumped-storage Power Generation & Circular Economy	Ping FANG	Vice Director, Shenzhen Energy Group Pumped-storage Power Generation Station
16:00-16:30	Multilateral Dialogue		
16:30-	End of Day 3		
Oct 16th Morning session Topic: Successful Energy Saving Cases Study			
Chairperson: Changfu SUN Deputy Secretariat, Shenzhen Expertise Federation of Energy Conservation			
09:30-10:00	Integrated Resource Utilization and Corporation Sustainable Development	Junmin HU	Dean of Shenzhen Packaging Industry Association
10:00-10:25	PES- Energy efficiency & Environment friendly Auto-cleaning System	Jiangyue XIONG	General Manager, Shenzhen Pengrui Energy Technology Co., Ltd
10:25-10:50	Integrated Energy Saving Measures in Buildings	Zhigang HUANG	Member, Shenzhen Expertise Federation of Energy Conservation
10:50-11:15	Big Temperature Difference Ice Water Storage Technology for Energy Saving of Central Conditioner	Yuanbo JIANG	Director, Shenzhen PowerU Technology Co., Ltd
11:15-11:40	Energy Saving Case in Large Scale Industrial Enterprise	Guoxiang ZHANG	Chief Engineer, Huajin Glass Bottle Co., Ltd.
11:40-12:00	Multilateral Dialogue		
12:00-14:00	Lunch Break		
Oct 16th Afternoon Topic on Energy Saving Standard on Buildings			
Chairperson: Qing YE Dean, Shenzhen Institute of Building Research Director, Shenzhen Municipal Key Lab on Building Energy Saving			
14:00-14:30	How Far is Green Building from Us?-Interpretation of Shenzhen Building Energy Saving Ordinance	Erjian GAO	Section Director, Science & Education Department, Shenzhen Municipal Construction Bureau
14:30-15:00	Build up a green home-Energy Saving in Real Estate Development	Bing QIANG	China Merchants Real Estate (Shenzhen) Co., Ltd
15:00-15:30	Solar Water Heating System in High-rise Buildings	Xuezhen LIU	General Manager, Shenzhen Commonpraise Solar Co., Ltd
15:30-16:00	From Energy Efficiency Design to Green Architecture	Qing YE	Dean of Shenzhen Institute of Building Research
16:00-16:30	Multilateral Dialogue		

16:30	End of Topic Seminar
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Summit Forum

16th Oct Morning Venue: Huaxia Hall, Wuzhou Guest House

Topic on CDM-A New Engine for Renewable Energy Development			
Chairperson: Mr. Zimin GAO Board Chairman, Shenzhen Energy Group Director, UNIDO-ITPC			
9:00-9:30	Renewable Energy Growth and Prospect in China	Dinghuan SHI	[CN] Professor, Counselor of the State Council, Former Secretary-General of Ministry of Science & Technology, PRC, President of China Society for Renewable Energy
9:30-10:00	What Makes Germany A Global Leader in Renewable Energy Industry?	Stephan Kohler	[DE] President, Deutsche Energie-Agentur (DENA)
10:00-10:25	CDM Mechanism and Its Impact on Renewable Energy Industry in China	Xuedu LV	[CN] Member of UNFCCC CDM Executive Board; Vice Director, deputy director of Global Environment Office, Ministry of Science & Technology
10:25-10:50	REEEP's Plan for Global Renewable Energy Development	Binu Parthan	[AUST] Deputy Director - Programme Coordination, REEEP International Secretariat
10:50-11:00	Tea Break		
Multilateral Dialogue: The Future Solution of Energy Crisis			
Chairperson: Senior Research Fellow, Senior Advisor of Energy Research Institute of National Development and Reform Commission, and National Chief Technical Advisor of GOC/WB/GEF China Renewable Scale-up Program Management Office			
11:00-12:00	Dinghuan SHI	[CN] Professor, Counselor of the State Council, Former Secretary-General of Ministry of Science & Technology, PRC, President of China Society for Renewable Energy	
	Stephan Kohler	[CN] Vice-Chair of UNFCCC CDM Executive Board; Section Chief, Department of Rural and Social Development; Vice Director of Global Environment Office, Ministry of Science & Technology	
	Xuedu LV	[CN] Vice-Chair of UNFCCC CDM Executive Board; Section Chief, Department of Rural and Social Development; Vice Director of Global Environment Office, Ministry of Science & Technology	
	Binu Parthan	Deputy Director - Programme Coordination, REEEP International Secretariat	
	Zuoxiu HE	[CN] Member of China Engineering Academy, noted physical scientist	
	Jiyang WANG	[CN] Member of China Engineering Academy, noted scientist in geothermal energy	

■ BlueSky Award 2006 Final Evaluation & Award Ceremony

16th Oct Afternoon Venue: Huaxia Hall, Wuzhou Guest House

14:00-14:05	Introduction of BA-EEC 2006 Chairperson, Vice Chair and Members by Mr. Vladimir Kozharnovich, Project Manager, UNIDO ITCS
Final Evaluation of BlueSky Award 2006	
Hosted by Luguang YAN, Director of BAEEC 2006	
14:05-14:10	Introduction of BlueSky Award 2006 Selection and Evaluation Criteria by BA-EEC Chairperson

14:10-16:00	Technology Summary Statement by Candidates (5 minutes each)
16:00-16:30	Evaluation Meeting and Final Vote by BA-EEC 2006
	Tea Break Video demonstration of 2005 BA-TTIS' Promotion and BAC 2006
2006 BlueSky Award Presentation Ceremony	
Hosted by Binu Parthan , Vice Director of BAEEC 2006	
16:30-16:45	Announcement and Presentation of 2006 BlueSky Award Nominees by BA-EEC members Group Photo
16:45-17:00	Announcement and Presentation of 2006 BlueSky Award Winners by UNIDO-ITPC Steering Committee: Mr. Zongheng XU, Mayor of Shenzhen Municipal Government (SMG) Mr. Yongtu LONG, Secretary-General of Boao Asia Forum Mr. Vladimir Kozharnovich, Project Manager, UNIDO International Technology Centres Mr. Yue WANG, Director of CICETE Mr. Zimin GAO, Board Chairperson of SEC Group Photo
2006 BlueSky Award Press Conference	
Chairm & Spokesman: Mr. Zongheng XU Mayor of Shenzhen Municipal Government (SMG) ,Chairman of UNIDO-ITPC Steering Committee	
17:00-17:30	Interviewees: Mr. Zongheng XU, Mayor of Shenzhen Municipal Government (SMG) Mr. Yongtu LONG, Secretary-General of Boao Asia Forum Mr. Vladimir KOZHARNOVICH, Project Manager, UNIDO International Technology Centres Mr. Yue WANG, Director of CICETE Mr. Zimin GAO, Board Chairperson of SEC Mr. Luguang YAN, Director of BAEEC 2006 Binu Parthan , Vice Director of BAEEC 2006 Representatives from BlueSky Award 2006 Winners
RETI&BA 2006 Closure Announced by Mr. Zongheng XU Mayor of Shenzhen Municipal Government (SMG), Chairman of UNIDO-ITPC Steering Committee	