



INTERNATIONAL RENEWABLE ENERGY CURRENT STATUS AND FUTURE OUTLOOK

**ACHIEVEMENTS AND RESULTS
FROM THE BEIJING INTERNATIONAL
RENEWABLE ENERGY CONFERENCE 2005**

NATIONAL DEVELOPMENT AND REFORM COMMISSION, P. R. CHINA

CHINA ENVIRONMENTAL SCIENCE PRESS

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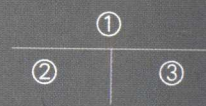
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① Opening Ceremony

② Plenary Session Hold in Golden Hall

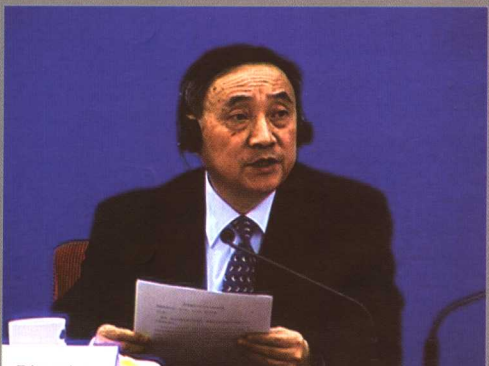
③ Plenary Session Hold in NPC Standing Committee's Hall



- ① Zeng Peiyan
Vice Premier, People's Republic of China
- ② JoAnne Disano
Director for Sustainable Development, UNDESA
- ③ Stavros C. Dimas
Commissioner for Environment
European Commission
- ④ Jurgen Trittin
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Environment, Natural Conservation
and Nuclear Safety(BMU), Germany



- ①
- ②
- ③
- ④



① Zhang Guobao
Vice Chairman, NDRC, China

② Zhang Xiaoqiang
Vice Chairman, NDRC, China

③ Xu Dingming
Director General, Energy Bureau, NDRC,
China

④ Margaret Beckett
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United Kingdom and Presidency of European
Union

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Vice Minister of Energy, Mexico

⑥ Stephane Dion
Minister of the Environment, Canada

⑦ Roberto Tortoli
Vice Minister, Ministry of Environment and
Territory, Italian

⑧ Hans Jorgen Koch
Deputy State Secretary, Ministry of Transport
and Energy, Denmark

①	②
③	④
⑤	⑥
⑦	⑧



- ① Impressions I from South-South Cooperation Forum
- ② Impressions II from South-South Cooperation Forum
- ③ Impressions III from South-South Cooperation Forum
- ④ Impressions I from Renewable Energy Technology Forum
- ⑤ Impressions II from Renewable Energy Technology Forum





- ① Impressions I from Investment and Finance Forum
- ② Impressions II from Investment and Finance Forum
- ③ Impressions I from Renewable Energy Industrialists and Entrepreneurs Forum
- ④ Impressions II from Renewable Energy Industrialists and Entrepreneurs Forum
- ⑤ Impressions III from Renewable Energy Industrialists and Entrepreneurs Forum

①	②
③	
④	⑤



- ① Press Conference I
- ② Press Conference II
- ③ Zhang Guobao (Vice Chairman of NDRC, China) being Interviewed
- ④ Closing Ceremony in the Golden Hall
- ⑤ Friendly Farewell



① Entering the Venue

② Exhibition

③ Talk cheerfully and humourously

④ Precious Time

⑤ Discussions between Forums

⑥ Ministers at the Dinner

⑦ Medias Corner

⑧ Lively Conference Volunteers

① ②

③ ④

⑤ ⑥

⑦ ⑧

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---Achievements and Results from the Beijing International
Renewable Energy Conference 2005

National Development and Reform Commission, P. R. China

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Zhang Guobao

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Preface

As the problems in worldwide energy supply and the environment become increasingly serious, renewable energy is receiving more attention from the world, due to its characteristics of environmental cleanliness and virtue of being a renewable resource. In addition renewable energy has the potential to meet the requirements and contribute to sustainable development for all of human society. In order to promote global renewable energy development, the *Beijing International Renewable Energy Conference 2005* (BIREC 2005) was successfully held in the Great Hall of the People in Beijing China during November 7 and 8, 2005. More than 1200 delegates from 92 countries, regions, relevant international organizations, and non-government organizations attended the Conference.

As global petroleum prices continue to rise and energy and environmental problems become increasingly more serious, the BIREC 2005 Conference is another historical milestone for the development of renewable energy following the Bonn International Renewable Energy Conference 2004 held in Germany. The Conference was an important event in the field of global energy development in 2005 and received priority attention from the international community. The Chairman of the People's Republic of China, Hu Jintao, sent a Congratulatory Letter in writing to the Conference, which pointed out that strengthening the development and use of renewable energy is the key to dealing with increasingly serious energy and environment problems and to realizing sustainable development for human society. In order to increase the development and use of renewable energy, international cooperation must be strengthened, which means that the international community should reinforce cooperation in the areas of R & D, technology transfer, and investment capital so as to make full use of renewable energy in human society to the benefit of people worldwide.

The Vice-Premier of the State Council of the People's Republic of China, Zeng Peiyan, attended the opening ceremony and delivered a speech that elaborated global and China trends for energy supply and demand, policy development, renewable energy development objectives and deployment priorities, and trends in policies and measures. Kofi Annan, the Secretary of the United Nations, also sent the Conference a written speech, which pointed out that many governments had reached an agreement three years before to substantially increase the proportion of renewable resources in the global energy mix. The speech stated the Beijing International Renewable Energy Conference would be a good foundation for the fourteenth session of the UN Commission on Sustainable Development (CSD-14), to be held in May 2006 and which will put an emphasis on dealing with energy and environmental related issues.

The information exchanges in the Conference included discussions on the current status of renewable energy technology development, a high level ministerial forum, discussions on evaluation mechanisms, international cooperation, and multi-party dialogues. In addition the Conference arranged four special forums, including the Investment and Finance Forum, the Renewable Energy Industrialists and Entrepreneurs Forum, the Renewable Energy Technology Forum, and the South-South Cooperation Forum. The forums provided an opportunity to promote broad communication and discussion on important topics by participating scientists, entrepreneurs, and other delegates for the free exchange of ideas and opinions.

Altogether more than 80 delegates made invited speeches and more than 500 delegates participated in the discussion sessions. At the same time, exhibitions were held by major renewable energy enterprises and

research institutes home and abroad. The Conference also reviewed the development history of global renewable energy, analyzed its current status and existing barriers to future development, exchanged development experiences among participating nations, and discussed approaches and measures for international cooperation. A special topic included discussions for the effective support of renewable energy in developing countries by the industrialized countries, to further increase the global awareness of the importance of renewable energy's exploitation and application in meeting developing country priorities. The Conference concluded by reaching an agreement for the *Beijing Declaration on Renewable Energy for Sustainable Development*.

The *Beijing Declaration on Renewable Energy for Sustainable Development* is one of the important achievements of the Conference. The Declaration reaffirmed that participating countries would fulfill the promises they had made at the World Summit on Sustainable Development (WSSD) and the United Nations 2005 Millennium Review Summit to substantially increase the proportion of renewable energy in the world's energy mix. It emphasized that the development and use of renewable energy had brought many benefits for realizing diversity of energy, increasing the supply of energy, improving energy security, protecting the environment, increasing job opportunities, eradicating poverty, and combating climate change. It also pointed out the imbalance of global renewable energy development because major technology advances and progress in renewable energy utilization is concentrated in developed countries, and most developing countries do not have access to modern energy services.

The Declaration also stressed that international cooperation for renewable energy should be strengthened and that developed countries should support developing countries in increasing access to capital and advanced technology, particularly in the area of technology transfer. Developed countries should help developing countries to set up renewable energy industrial systems and promote the establishment of global integrated energy systems. The Declaration underlined the important role that policy support plays in promoting renewable energy development and pointed out the importance of setting up fair markets, promoting private sector investment, and providing effective financing channels for pushing the development of renewable energy. It further emphasized that the expansion of knowledge and information dissemination and the sharing of renewable energy development experiences will have an important effect on renewable energy development. It also emphasized the necessity of establishing information exchange networks for sharing experiences and propagating information and for strengthening cooperation.

These Proceedings embodies one of the major achievements of the Conference – the *Beijing Declaration on Renewable Energy for Sustainable Development*. All of the speeches & addresses in the Conference, covering aspects of renewable energy policy, market and technology development, education, training, etc. have been included into these Proceedings. They incorporate the current global status of renewable energy and give a comprehensive picture of worldwide market and technology development trends, and represent a valuable reference book for the future. We sincerely hope that these Proceedings will provide a record of one of the historical milestones for renewable energy development and will make a contribution to the continued development of renewable energy in the future.

张固宝

Zhang Guobao, Vice Chairman, NDRC, China

Contents

Preface

Part 1 Overview of Renewable Energy Development in China	1
Chapter 1 Renewable Energy Resources and Their Use in China: Current Situation	4
1.1 Biomass Energy	4
1.2 Hydropower	6
1.3 Wind Power	7
1.4 Solar Energy	7
1.5 Other Renewable Energy	9
Chapter 2 Policies and Actions Taken by the Chinese Government	10
2.1 Policy and Legislation	10
2.2 Strategic Plans and Development Targets	11
2.3 Renewable Energy Activities and Programs of the Chinese Government	12
Chapter 3 International Cooperation Projects	18
3.1 World Bank/GEF China Renewable Energy Development Project (REDP)	18
3.2 China Renewable Energy Scale-up Program (CRESP)	23
3.3 Capacity Building for the Rapid Commercialization of Renewable Energy in China	26
3.4 Expansion and Improvement of Solar Water Heating Technology in China	31
Part 2 Renewables 2005 Global Status Report	35
Chapter 4 Global Market Overview	42
Chapter 5 Investment Flows	53
Chapter 6 Industry Trends	58
Chapter 7 Policy Landscape	61
7.1 Policy Targets for Renewable Energy	61
7.2 Power Generation Promotion Policies	63
7.3 Solar Hot Water/Heating Promotion Policies	68
7.4 Biofuels Promotion Policies	69
7.5 Green Power Purchasing and Utility Green Pricing	71
7.6 Municipal-Level Policies	72
Chapter 8 Rural (Off-Grid) Renewable Energy	75
8.1 Cooking: Improved Biomass Cook Stoves	76
8.2 Cooking and lighting: Biogas Digesters	77
8.3 Electricity, Heat and Motive Power: Biomass Gasification	78
8.4 Electricity: Village-Scale Mini-Grids/Hybrid Systems	78
8.5 Water Pumping: Wind and Solar PV	79
8.6 Electricity: Solar Home Systems	79
8.7 Other Productive Uses of Heat and Electricity	80
8.8 Rural Electrification Policy and Programs	81

Appendix 1 Glossary	84
Appendix 2 Renewable Energy Policy Network for the 21st Century	86

Part 3 Increasing Global Renewable Energy Market Share: Recent Trends and

Perspectives	89
Chapter 9 Introduction.....	97
9.1 Purpose and Objectives	97
9.2 Background	99
9.3 Why Renewable Energy? Why Now?	101
9.4 Addressing the Barriers.....	103
9.5 Organization of Report	104
Chapter 10 Renewable Energy Technology Status & Prospects	106
10.1 Overview	106
10.2 Bioenergy.....	112
10.3 Geothermal Energy	116
10.4 Hydropower.....	118
10.5 Solar–Concentrating Solar Power	120
10.6 Solar–Photovoltaics	123
10.7 Solar–Hot Water.....	125
10.8 Wind.....	127
10.9 Implications for BIREC 2005	129
Chapter 11 Policy.....	130
11.1 Removal of Market Distorting Policies	132
11.2 Targets and Timetables for Renewable Energy	134
11.3 Grid-Connected Policies.....	134
11.4 Technology-Specific Policies	136
11.5 Green Power Purchasing and Pricing.....	138
11.6 Local Government Policies.....	138
11.7 Rural Electrification Policies	139
11.8 Cross Sector Policies	141
11.9 Implications for BIREC 2005	141
Chapter 12 Finance.....	142
12.1 Finance Industry Overview and Trends	142
12.2 Financing Large-Scale Renewable Energy Projects in Developing Countries.....	143
12.3 Existing and New Sources of Financing for Renewable Energy.....	150
12.4 Global Partnerships and Foundations	155
12.5 Implications for BIREC 2005	155
Chapter 13 Capacity Strengthening for Market Development.....	156
13.1 Capacity Building for Renewable Energy	156
13.2 Identification of Needs and Requirements.....	157
13.3 Capacity Building: Progress since Bonn.....	161
13.4 Implications for BIREC 2005	162

Chapter 14 International Collaboration	163
14.1 Introduction	163
14.2 Collaborative Support for Policy Development	166
14.3 Capacity Building	168
14.4 Technology Transfer, Diffusion, and Industrial Development.....	169
14.5 Research, Development, and Demonstration.....	171
14.6 Finance and Trade	172
14.7 Implications for BIREC 2005	175
Chapter 15 Options for Enhanced Information Gathering, Sharing, Review, and Assessment.....	177
15.1 Background.....	177
15.2 Importance of Information Gathering, Sharing, and Periodic Review and Assessment.....	177
15.3 Principles for Information Gathering, Sharing, Reporting, and Review.....	179
15.4 Information and Assessment Needs.....	179
15.5 Mechanisms for Information Collection, Reporting, and Review	181
15.6 Process for Information Reporting and Review	182
15.7 Synergy and Feedback to CSD	185
15.8 Implications for BIREC 2005	187
Chapter 16 Conclusions and Next Steps.....	188
References.....	191
Appendix 1 List of Acronyms	194

Part 4 Beijing International Renewable Energy Conference 2005

Chapter 17 Opening Address.....	204
17.1 BIREC 2005 Address 1	204
17.2 BIREC 2005 Address 2	206
17.3 BIREC 2005 Address 3	209
17.4 BIREC 2005 Address 4	210
17.5 BIREC 2005 Address 5	214
Chapter 18 Plenary Session	218
Plenary Session 1: The Status and Trend of Renewable Energy Development	
18.1 Keynote Address I: Renewable Energy Technology Opportunities: Responding to Global Energy Challenges	218
18.2 Keynote Address II: Keynote Address on Climate Change, Renewable Energy & Sustainable Rural Development.....	24
18.3 Renewable Energy: a Central Piece in the Sustainability Puzzle	230
18.4 Renewable energy in Mexico	234
18.5 The status and Perspective of International Cooperation for the Increase of Renewable Energy.....	238
18.6 Accelerate Exploitation of Renewable Energy, Realize the Sustainable Development of China Guodian Group Corp.	242
18.7 Renewable Energy for Poverty Alleviation and Economic Growth	246