

Opening remarks by the Chinese Vice Minister Mr. Liu Qi

Dear Guests, Ladies and Gentlemen,

I am very pleased to be invited for the 3GF. As the whole international community jointly addressing financial crisis and green economy, today we are here again in Copenhagen, with representatives from politicians, enterprises, and international organizations, to discuss the strategy for global green growth, and the plan for the green industry development. Because we know such an important forum will greatly and significantly contribute to global economy recovery, and to the global economic, social and environmental sustainability.

As we can understand, the key theme of green growth shall extend the integration, harmonization and sustainability of the economic development, social cultivation and ecological improvement. Green growth shall not only need to transform the energy production and utilization patterns, but establish the matched economic and social activity patterns, finally achieve the harmonization between human being and nature. Today, we are confronted with severe challenges of energy and environment globally. It already becomes the global trend and common understanding to keep toward green growth. Many of the countries in the world put renewable energy into a very high priority and regard it as important measures for green low carbon development, integrating green concept and connotation into energy policy development process. As I know, some countries have developed energy transition strategy and planned the future development. Denmark is the most advanced country among the EU members to improve green industry regarding renewable energy technology and renewable energy industry, always as a world leading country. In the last few years, China and Denmark have developed very close and deep cooperation in the field of renewable energy, esp. significantly for the wind energy resource assessment, wind power grid integration, etc.. We witnessed the renewable energy cooperation achievements in both countries. We also believe that such cooperation will certainly contribute to global green growth.

Currently, China is in the process of economic development pattern transformation. China government will pay a high attention to renewable energy development. And it will be regarded as one of the most measures to address energy development pattern transition, energy mix adjustment, green house gas emission reduction, and sustainable development. China keeps accelerating the renewable energy market liberalization through legislation such as publicizing the Renewable Energy Law, renewable energy development planning, as well as economic incentive instruments. Now, renewable energy already played a very important role in energy supply system and important new strategic industry in China. Currently, China is the most significant country for wind power growth. By the end of 2011, the accumulative wind power installation has reached 47GW, with annual electricity production 71.5 billion kWh. In the year 2012, China wind power keeps stable increase, with an estimation of new installation about 15GW. Therefore, accordingly, by the end of 2012, wind power installation will exceed 60GW in China with annual electricity production about 100 billion kWh. Solar power market quickly response in China with feed-in tariff and economic instrument, supporting the solar energy product and technology utilization. By the end of 2011, the accumulative application for solar PV has reached 3 GW, and over 5 GW new installations annually in the last few years. In the same time, we actively support national demonstration projects in different areas. We conduct the new energy city demonstration project and green energy county demonstration project to promote renewable energy application both in city and rural areas. To address the grid integration issues, we conduct the micro grid demonstration project. All these projects have demonstrated the advantages of renewable energy to green growth among different areas in China.

With the fast growth of renewable energy development in size, the industry and market has formulated in China. For wind power, many Chinese enterprises researched more than 5MW wind turbines, and the main components, gear box, generators, blades etc. have also been industrialized and localized. For solar PV, pulled by national and international market, the solar

PV cell manufacturing and industry chain was quickly established, and the PV modules and power cost went down significantly. Therefore, solar PV power become more and more competitive and started scale up. It shall be acknowledged that China's renewable energy development did contribute greatly to global renewable energy development and prosperity.

We just publicized the 12<sup>th</sup> five year planning for renewable energy development. This Planning identifies the priorities and tasks of renewable energy development during the year 2011 to 2015. By 2015, we develop the objectives for renewable energy. Wind power will reach 100GW, solar power will reach 21GW and the total non-fossil fuel will reach 478 million tons of standard coal equivalent, increased by 200 million tones of standard coal equivalent compared with the year 2010. We are quite confident that China will become one of the largest countries regarding the development and utilization size for new installed renewable energy in the world.

China is a large developing country and at the critical stage of industrialization and urbanization. Also China is faced with severe energy and environmental issues. Therefore, China is making every effort to achieve green growth through controlling energy consumption cap in a reasonable way, increasing energy utilization efficiency, developing renewable energy. And relevant policy making and project development are adopted and implemented. We are so pleased many countries in the world is willing to and also they do proceed with the same objectives and hand in hand. However, there is also some non-harmonized voice in the process. The trade issues surrounding China's renewable energy product come out in an endless stream. We are sure such issues have already hit the global renewable energy scale up at a deep and wide level. Obviously, neither are various trade protection actions in line with the global efforts to promote green growth, nor international free trade codes, even more direct harm to their civil benefits. Some countries ignore the fact that China's economy is highly marketized and industry is emerged into international system. They abused trade protection tools and as result, they harm others but still cannot benefit themselves. The only thing they can get is hinder the international enabling environment to support green growth.

Renewable energy is a great career for all the human being's benefits. At its early stage, small scale and weak risk abatement capacity need joint efforts by international community and establish the fair market order. In the context of prosperous renewable energy development in the world, we hope all the countries jointly be active and provide substantial actions to support renewable energy development, contribute to green growth.

Here I would suggest in the following three points:

1. develop technology cooperation and speed up the global economy and industry integration. Globalization is the main stream in the world economic development. The international specialization and cooperation in various sectors is continuously strengthened. The need for the international technology transfer and the commodity internationalization is accelerating the global economy and industry integration. To strengthen the international technology cooperation for shall greatly benefit the international flow of the essential productive factors and efficiently allocate the resources, speed up the global economic and industrial integration and improve the sustainable and healthy economic development.

2. remove trade protection barriers and promote free move of renewable energy technology and product in the global market. Free and easy trading system shall be promoted and various trade protectionism shall be opposed. Policy and regulations for free trade shall be developed and implemented globally, trade protection barriers shall be removed, the advanced and economical renewable energy technology and product shall be promoted to create a strong global renewable energy industry.

3. speed up and improve the global cooperation mechanism, and create an enabling environment for global technology transfer. The global cooperation system shall be established and improved quickly and an enabling environment for global technology transfer shall be created, to promote technology innovation and technology transfer, flow and circulation. The developed countries

shall implement the commitment of technology transfer and financial grant under the global climate change framework, help the developing countries to develop clean energy technology and industry, accelerate global renewable energy technology transfer. Therefore, renewable energy industry could be blooming quickly in the world, and contribute to global energy system transition as well as economic development.

Ladies and gentlemen, to develop renewable energy is the important option to address global climate change, create new and strategic industry, and achieve economic strategy transition, as well as the guarantee to global economic and social sustainability. We do need make efforts hand in hand to promote renewable energy industry development and achieve global green growth through wide and effective international cooperation and actions.

Exchange generates common understanding, which promote cooperation, which in turn results in all-wins. I sincerely hope all the representatives make full use of the Forum for wide exchanges and deep discussions. All your knowledge and intelligences will transfer the creative ideas and actions plans to promote global green growth.

Finally, wish the success of the Forum!

Thank you.