

Final Report: Study and Research Stay at Free University of Berlin

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Inspiration of Energiewende in Germany

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It has been a wonderful stay in Berlin and I have learned a lot during those days. The first day when I arrived in Berlin, Ms. Katrin Risch helped me deal with all the materials and open the website account. She was very thoughtful and considerate so I didn't face any difficulty there and feel at home. She also gave me some research report which is closed related my research topic. After meeting with Ms. Katrin Risch, I came to visit my supervisor Dr. Jan Beermann. He was very generous to give me an hour to discuss the topic of my research. He told me that as a Chinese student in Germany, I should combine the experience of both countries. During the stay we connected with e-mail and I am grateful for his prompt reply and guidance.

Sustainable development was put forward in 1980 by IUPN. And in 1997 China has put sustainable development as a national strategy. After the fast growth since 1979, China now is the second largest economy in the world, so the speed of economic growth may not the most important thing we need to care about. Quality rather than quantity is our goal for the future, and the leadership of our country came up with the "New Normal" to describe the mode of economic development in China as shifting, which is in accordance with the requirement of sustainable development.

The energy problem is at the core of economic development, and sustainable energy is more needed than ever because of the serious environment problems. At the beginning of the 21st century, Germany proposed the Energiewende Plan to change its energy structure to a low carbon, environmentally sound energy supply, and has accomplished much in many fields. As China and Germany are also big manufacturing countries, the path Germany has taken can inspire China. So the topic of my research is "Inspiration of Energiewende in Germany".

The report of my research has been divided into four parts. The first part is "The meaning and importance of Energiewende". I discuss what is Energiewende and its significance for the world, for Germany and for China. The second part is "The barriers of Energiewende". In this part I elaborate on how to finance it may be the key point. The third part is "The experience of Energiewende in

Germany". I researched how Germany overcame the barriers mentioned in the previous part. And the last part is "What has China done and how to do in the future". China has made a lot of progress in the field of Energy-System Transformation though still not enough. Maybe we should learn from the experience of Germany and accelerate the progress.

It was the first time that I went abroad, so the language may be the most challenging thing during my research stay. But the staff and students in FUB have given me much help. They spoke slowly in case I can't understand and help me to seek relevant books in library. And some of them have become my friends. I have gain a lot understating during our conversation.

In the future, I will pay close attention to the topic of sustainable development. Though I am not major in this field, I think it is one of the most important things for our world and hope I can make some contribution to it.

