

# Local Government Climate Roadmap

Strong and  
Comprehensive  
Post-2012 Global  
Climate Agreement

Copenhagen 2009  
UNFCCC COP 15

Poznan 2008  
UNFCCC COP 14

Bali 2007  
UNFCCC COP 13

LOCAL ACTION FOR CLIMATE PROTECTION AND ADAPTATION — A SERIES OF LOCAL STORIES

## Baoding, China

### Rebalancing economic development to cope with climate change

**STORY IN SHORT:** China's Central Government wishes to join the global fight against climate change by encouraging local adoption of sustainable development practices. In line with this, the Baoding municipal government has made a series of strategic moves on restructuring and rebalancing economic development to cope with climate change. Baoding's plan includes the formulation of industrial energy-saving policy and regulations. The city also aims to set up an emission reduction target as well as the development of new energy initiatives.

### Integrating sustainable energy and development

The issue of climate change has raised great concern worldwide since the beginning of the 21st century. Responding to this challenge, the Baoding municipal government restructured its economic plan to focus on developing new energy industries. In doing so, it can not only implement the scientific concepts of development in practical terms, but contribute to the environmental protection of the world as proactive, global citizens.

The municipal government encourages the industry to manufacture solar and wind energy products, and to experiment with renewable energy technologies such as biomass. Finally, Baoding seeks to conserve and expand its wetland reserve in order to improve the natural environment.

An exciting new project in Baoding is the Diangu Jinjiang International Hotel, which has solar panels which began to generate power on October 18, 2008. The annual generating capacity of the hotel's solar panel is 260,000 KWH. This can replace standard coal usage by 104 tons, reducing CO<sub>2</sub> by 75.5 tons.

Another example which demonstrates an application of renewable energy in buildings is being built in a new residential building in District C of Baoding. This project is using solar panels to centrally heat the building's water (see picture on next page).

### Developing local resources in a local network

Baoding is currently at the transformation stage of industrialization and social change. To speed up and optimize this process while reducing environmental costs, the city is committed to developing within the framework of a sustainable energy structure. Baoding aims to develop its own resources and local network in order to form a 'circular' economy rather than a wasteful, 'extensive' economy which uses resources in an unsustainable way.



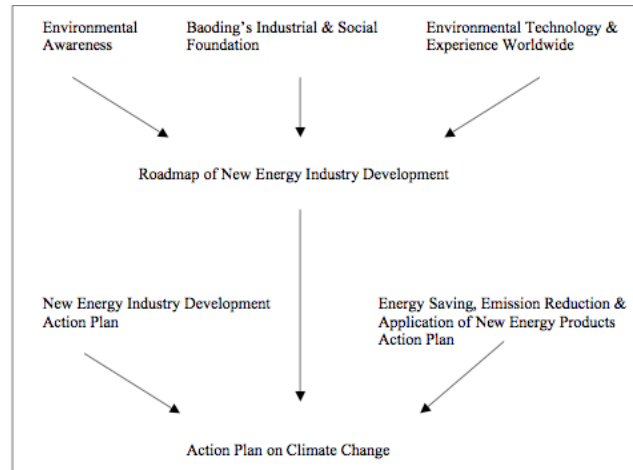
The exterior solar wall of Diangu Jinjiang International Hotel, the landmark of Baoding's "City of Solar Power".

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Residential building with centralized solar water heating system

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Influences and factors contributing to Baoding's action plan on climate change

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## Local industry to benefit both Baoding and other cities

*Baoding has a vibrant industrial sector which focuses on the manufacture of new energy products and equipment. In particular, wind energy has become a competitive industry in Baoding. The city government supports this development and hopes that it may expand in the coming years. As the domestic demand for wind energy equipment increases, this would have a positive impact on Baoding's economy. This will not only improve residents' quality of life, but also contribute to the mitigation of global warming.*

## Involvement in international initiatives

In order to help to achieve the national target of decreasing energy intensity by 20% by 2010 and to facilitate national and international low carbon development, the World Wildlife Fund (WWF) will implement a Low Carbon City Initiative (LCCI) in China in the next 5 years. With the support of local and global partners, LCCI will explore low carbon development models in different cities, working to improve energy efficiency and addressing the development of renewable energy. In Baoding, the project will focus on networking on sustainable energy knowledge management and technology cooperation, encouraging the investment in and export of sustainable energy products, as well as capacity building in city planning and industrial park development.



Baoding is located in north-east China, close to Beijing.

## City profile & contacts

Baoding is located in the middle of Hebei province, at the heart of the Bohai Rim economic area which also includes Beijing, Tianjin and Shijiazhuang. The area of Baoding is 22,100 km<sup>2</sup>, with a population of over ten million. The Baoding local government seeks to protect their homeland and environment and to coexist harmoniously with nature as they adapt to the changing circumstances of the 21st century.

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