



**The China Sustainable Energy Program**  
**中国可持续能源项目**

**C H I N A C L I P P I N G S**

Issue 5

July-September 1999

Topping this issue, China is taking measures to promote energy conservation as a high priority in its 10<sup>th</sup> Five-Year Plan. Of China's planned US\$3.6 billion annual investment in energy conservation, China may seek US\$300 million from overseas funds. The renewable energy front is gaining ground; wind power stations are planned for the Shanghai area.

The transportation section of this issue provides some insight into the successes and barriers within the fuel and auto industries. China is promoting CNG and LPG to combat air pollution and has designated 12 pilot areas to run dual-fuel vehicles. Unfortunately, many of these vehicles are forced to run on gasoline due to a scarcity of natural gas filling stations.

Shell is working with China to develop alternative energy resources, including rice straw and biogas. Shell also signed a contract with the China National Petroleum Corp to develop China's natural gas resources. Professor Ling of Fukui Prefectural University provides an overview of China's recent energy reforms. Finally, "Implications of China's Government Restructuring on Sustainable Development" discusses the benefits of restructuring the State Development Planning Commission on energy and environment projects.

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大卫与露茜·派克德基金会 联盟  
 能源基金会

*The David and Lucile Packard Foundation in partnership with The Energy Foundation*

**Foreign Capital Sought for Energy Conservation**

*China Daily, 1 August 1999*

**Information Dissemination Center to Promote Energy Efficient Products**

*China Daily, 28 July 1999*



# E N E R G Y E F F I C I E N C Y

## **UNDP Unveils CFC-Free Project**

*China Daily*

# R E N E W A B L E E N E R G Y

## **Wind Power Stations to be Built in Shanghai**

*ChinaOnline, 18 August 1999*

# E L E C T R I C U T I L I T I E S

## **Fund Aids Power Grid**

*China Daily, 20 August 1999*

## **Siemens to Build Gas-Fired Power Plants in Gansu**

*Xinhua, 9 June 1999*

**China Lacks Infrastructure for CNG, LPG**

*Asia Pulse, 3 August 1999*

**Clean Fuel Initiatives in Beijing, Chongqing, Sichuan, & Taiyuan**

*Environmental Health & Safety Review, August 1999*

**China Oil Sector Moves Ahead On Cleaner Air**

*Reuters, 30 June 1999*

## Why China's Congress Rejected the State Council Fuel Tax Bill

*China Online, 14 June 1999*

*Zhongguo Jingji Shibao*

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**China's Proposed Fuel Tax Misses by One Vote**

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**Problems with the Proposed Tax**

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**Reforms Must Go Through**

**Dongfeng Motor Corp.'s Structural Revolution**

*CBU – Auto, July-August 1999*

**Re-evaluation of China's Motor-Vehicle Market**

*CBU – Auto, October 1999*



### **Shifting Gears**

*With ambitious government plans struggling to make an impact, the auto sector is facing a major restructuring.*

*Nov-Dec 1997, Wayne W. J. Xing*

**Who's who in China's auto industry**

**Foreigners in the fray**

**Success in parts and components**

**Gauging demand**

**Crafting an Industrial policy**

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**The AIP and foreign firms**

**In search of a family car**

**Humbled ambitions**

**Striking a Balance**

# A I R Q U A L I T Y

## **Efforts to Improve Environment Pay Off**

*China Daily, 25 September 1999, Zhu Baoxia*

## **General Motors Provides US\$100,000 to Fund Pollution Studies in China**

*ChinaOnline, 12 July 1999*

# A I R Q U A L I T Y

## **Environmental Monitoring Reaches a New Stage**

*Zhongguo Huanjingbao [China Environment News],  
7 September 1999, Beijing Air Pollution Prevention  
Report #9 by reporter Wang Ya*

# A I R Q U A L I T Y

## **Cities Set To Fight Pollution With Gas**

*China Daily, 5 August 1999*

## **Bank Clears Air With Help From US Loans**

*China Daily, 19 August 1999*

# A I R Q U A L I T Y

## **Air Pollution Blocks Beijing's Blue Sky**

*Environment News Service, 1 September 1999,  
Hu Pan*

# A I R Q U A L I T Y

## **Beijing Imposes Strict Pollution Controls for October 1 National Day**

*Summary of report on Newshoo  
www.newshoo.com.cn, 1 September 1999*

## **China's Industrial Growth Fuels Major Pollution Problems**

*CNN, September 27, 1999*

# A I R Q U A L I T Y

## **Big Business to Hong Kong—"Clean Up"**

*Reuters, 16 July 1999, Tan Ee Lyn*

# A I R Q U A L I T Y

## G E N E R A L

### **Reduced Coal Use Counters Pollution**

*China Daily, 29 September 1999, Shen Bin*

**Shell to Help Develop Clean Energy Solutions**

*China Daily, 28 September 1999, Wan Lixin*

**Gas Pact Targets Clean Energy**

*China Daily, 24 September 1999, Chang Weimin*

## China's Energy Reforms

*China Online, July 1999, Professor Xing-guang Ling*

**China's Energy Production Structure  
(Million tons of standard coal; %)**

	<i>1952</i>	<i>1980</i>	<i>1997</i>

G E N E R A L

**Environment Industry Essential**

*China Daily, 22 July 1999*

**China: New System Will Require Polluters To Pay**

*China Daily, 1 July 1999, Zhu Baoxia*

**Goals for SOE Reform Attainable**

*Beijing Review, April 1999, Li Rongxia*

**Reform Proceeds Despite Difficulties**

# GENERAL

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**A Crucial Year**

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**Goal To Be Reached**

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## China Receives \$420 Million To Protect Ozone Layer

*Reuters, 12 July 1999*



## Environmentally Sound Technology in China

### The Impact of Credit Reform on China's SME's

*April 1999 Newsletter*

*Development*

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*Second Development.*

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*Second*

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*Shanghai model*

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## **Environmentally Sound Technology in China**

**Implications of China's Government Restructuring on Sustainable Development**

*June 1999 Newsletter*

**State Development Planning Commission (SDPC)**

G E N E R A L

**Fundamental Changes in China's 10th 5-Year Plan**

*China Online, 28 June 1999*

**An Environmental Tax in China?**

*Environmental Health and Safety Review, July 1999*

**Standard and Poor's Estimates Real Economic Growth in China**

*South China Morning Post, 23 September 1999*

**China to Invest 30 Billion Yuan on Buses and Trolleys**

*CBU – Auto, September 1999*

**Sino-German Environmental Research Institute**

*BBC Monitoring Service, 16 June 1999*

**SEPA Issues Fuel Standards**

*Environmental Health and Safety Review, July 1999*

**World Bank to Cut Lending to China by 25% in 2000**

*Muzi Lateline News, 26 September 1999*

**Auto-Shanghai 99 - Focus on Green Technology**

*China Business Information Network, 21 June 1999*

**First LPG station set up in Beijing**

*Asiaport Daily News, 28 June 1999*

**Guangzhou Initiatives**

*Environmental Health and Safety Review, July 1999*

**China Hires Foreign Experts to Supervise Three Gorges Construction**

*Huasheng Bao, August 29*

**Shanghai's New Emission Standard for Light Vehicles**

*CBU – Auto, July-August, 1999*

*Environmental Health and Safety Review, July 1999*