



**Asia-Pacific
Economic Cooperation**

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China Energy-Saving and New Energy Vehicles Industry Development Program (2012-2020)

Purpose: Information
Submitted by: China



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China Energy-Saving and New Energy Vehicles Industry Development Program(2012-2020)

**Ministry Of Industry And Information Technology
Of The People's Republic Of China
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China energy-saving and new energy vehicles industry development Program is released in June, 28th, 2012. It targets the development direction and the key milestones for the future automotive industry of China (2012-2020).

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Backgrounds

□ Rapid development of Chinese Auto market recently

- Auto Sale increasing by 25% per year from 2000 to 2010
- More than 18 millions sale in 2010 and 2011
- About 93.5 millions automotive in China till 2011
- Increasing requirement for auto because of the economy development and huge population

Backgrounds

-To harmonizing the automotive usage, the energy supply and the environment protection, China decides to encourage energy-saving and new energy vehicles industry development to keep the sustainable and balancing development for the automotive industry and society.

The program identifies the technical roadmap, objects, tasks and policies for automotive industry of China during 2012-2020 .

Technical roadmap

- The Electrified propulsion will be the main development strategy.
- Focusing on the industrialization for EVs and Plug-ins
- Promoting HEVs and energy-saving automotive
- Emphasizing the ICE-based and new energy automotive equally.

Objects and milestones

- EVs and Plug-ins: 0.5 million sale till 2015
- EVs and Plug-ins manufacture capacity: 2 million/Year, 5 million sale till 2020
- Passenger car fuel economy:
6.9 liter/100km in 2015;
5.0 liter/100km in 2020.
- New energy automotive, battery and key components ranks ahead internationally in 2020.

Policy and actions

1. Technical innovation program.

- R&D system and architecture
- Key and critical technology
- Fuel economy
- Battery system: security, reliability and light material

•Policy and actions

2. Accelerating the demonstration and application

- The policy stimulating the energy-saving and new energy vehicles application
- Demonstration for EV Private Usage Subsidiary

•Policy and actions

3. Building charging infrastructure

- Building the slow-charging stick and fast-charging/Swap facilities
- Battery recycling and re-usage

• **Policy and actions**

4. Standard and market-access management

- Financial and tax policy supporting
- Industry-oriented market environment
- R&D and talent supporting
- International collaboration

Additional explanations for energy-saving and new energy vehicle

- **Energy-saving automotive**
Traditional ICE-based vehicle and HEVs with the better comprehensive fuel economy than that of next phase.
- **New energy automotive**
Adopting new powertrain and powered by new energy source. EV, Plug-ins and Fuel cell vehicles are included in the program.

Thank You