

GREEN TECHNOLOGY

Briefing to Business Chambers

**Bank Negara Malaysia
22 December 2009**

PUSAT TEKNOLOGI HIJAU NEGARA

Announcement of Green Technology

**April 2009 - Ministry of Energy, Green
Technology and Water was established during the
Cabinet reshuffle**

**24 July 2009 - National Green Technology Policy
was launched by the Prime Minister**

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National Green Technology Policy
Definition of Green Technology

Definition of Green Technology

The development and application of products, equipment and systems used to conserve the natural environment and resources, which minimizes and reduces the negative impact of human activities.

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National Green Technology Policy
Criteria of Green Technology

Satisfy the following criteria :

- **minimizes degradation to the environment;**
- **has zero or low green house gas (GHG) emission;**
- **safe for use and promotes healthy and improved environment for all forms of life;**
- **conserves the use of energy and natural resources; and**
- **promotes the use of renewable resources**

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National Green Technology Policy

Policy Statement & Objectives

Policy Statement

Green Technology shall be a driver to accelerate the national economy and promote sustainable development

Objectives

- **To minimize growth of energy consumption while enhancing economic development;**
- **To facilitate the growth of the GT industry and enhance its contribution to the national economy;**
- **To increase national capability and capacity for innovation in GT development and enhance competitiveness**
- **To ensure sustainable development and conserve the environment for future generations;**
- **To enhance public education and awareness and encourage its widespread use.**

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National Green Technology Policy

Four Pillars

The National Green Technology Policy is built on four pillars:

- **Energy**
 - **Seek to attain energy independence and promote efficient utilization**
- **Environment**
 - **Conserve and minimize the impact on the environment**
- **Economy**
 - **Enhance the national economic development through the use of technology**
- **Social**
 - **Improve the quality of life for all**

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National Green Technology Policy

Sector

(1) Energy Sector

- **Energy Supply Sector:**
Application of GT in power generation and energy supply side management
- **Energy Utilization Sector:**
Application of GT in all energy utilization sectors and in demand side management programs.

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National Green Technology Policy

Sector

(2) Buildings Sector

GT in construction, management, maintenance and demolition of buildings.

(3) Water and Waste Management Sector

GT in management and utilization of water resources, waste water treatment, solid waste and sanitary landfill.

(4) Transportation Sector

GT in transportation infrastructure and vehicles, in biofuels and public road transport.

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