

# 2<sup>nd</sup> Regional EST Forum

**11-12 December 2006  
Yogyakarta, Indonesia**

**MALAYSIA  
Country Response**



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***Department of Environment***

# PUBLIC HEALTH

## Ninth Malaysia Plan (2006-2010)

“Measures will be implemented to improve multimodal public transport, particularly in urban centres, to reduce traffic congestion and air pollution”



# PUBLIC HEALTH

## Mechanism:

Road Safety Council

Department of Road Safety

National Physical Planning Council



# **PUBLIC HEALTH**

## **Studies:**

**Environmental Health  
Research Centre**  
([www.imr.gov.my](http://www.imr.gov.my))

**UPM Road Safety Research  
Centre**  
([www.eng.upm.edu.my/web/src](http://www.eng.upm.edu.my/web/src))



# LAND USE PLANNING

## National Physical Plan

### Goal:

To create an efficient, equitable and sustainable national spatial framework to guide the overall development of the country towards achieving a competitive developed nation by 2020.

## Structure Plans

## Local Plans



# LAND USE PLANNING

## National Physical Plan

- To secure spatial environment quality, strives towards compact urban forms with clear identity that will help contain urban sprawl and is amenable to rail-based public transport system
- Transit oriented development concept shall be promoted as the basis of urban land use planning to ensure viability of public transport



# ENVIRONMENT AND PEOPLE FRIENDLY URBAN TRANSPORT INFRASTRUCTURES

## NPP

- One of the principles is to favour public transport over private vehicle for inter-urban and intra-city movement
- LRT and BRT in Kuala Lumpur



# PUBLIC TRANSPORT PLANNING & TDM

## NPP

Current modal split 20:80 public to private transport

- transportation in major urban centres shall adopt a modal split of 50:50 between public and private transport
- in the conurbations of KL, George Town and Johor Bahru shall incorporate LRT and MRT routes into the urban fabric





# More using public transport

**PUTRAJAYA:** More and more Malaysians in the Klang Valley are using public transport — if ridership figures by Keretapi Tanah Melayu Berhad (KTMB) are anything to go by.

Transport Minister Datuk Seri Chan Kong Choy said yesterday that KTMB, which operated three kinds of services — commuter, inter-city and cargo — had recorded a phenomenal growth in all its services.

“In the first nine months of last year, the total number of KTMB commuter riders stood at 22.58 million. In the same period this year, the number had gone up to 25.89 million.

“The government is very

confident that we can hit 33 or 34 million before the end of this year,” Chan said before chairing his ministry’s post-Cabinet meeting.

KTMB also recorded a robust 17 per cent growth or RM62.9 million in profits for its commuter service. In the same period last year, its profits stood at RM53.9 million.

Its inter-city service recorded 2.8 million riders (against 2.6 million last year) with income generated at RM52.5 million (RM50 million last year).

As for its cargo service, it recorded profits of RM83 million against RM80.5 million last year.

“All this only reflects that more and more Malaysians are using public transport. This is a very good sign for our public transport system.”

Chan said the demand for KTMB services was acute, particularly during peak hours.

“It is so high that people sometimes find it very difficult to catch a train. The government has decided to refurbish some of the old coaches. Once refurbishment is completed, we hope to reduce interval of service from 30 minutes during peak hours to 15 minutes.”

Chan also said the new line of coaches would feature facilities for the handicapped.



**Department of Environment**

# **SOCIAL EQUITY AND GENDER PERSPECTIVES**

## **9MP-Women and Development**

Efforts will be taken to provide an enabling environment to ensure more effective participation of women in national development. Strategic thrusts among others; **reducing incidence of poverty and improving quality of life**

## **Cabinet Committee on Gender Equality**

“provide policy direction and monitor activities pertaining to women and family development”



# Shahrizat: Cater to the needs of the disabled

**PETALING JAYA:** Women, Family and Community Development Minister Datuk Seri Shahrizat Abdul Jalil has called for a "barrier-free" environment to cater to the needs of the disabled community.

She said the ministry would

rigorously defend the rights of the disabled.

"The requests for more disabled-friendly public transport facilities should not be taken lightly," she said in a statement.

"All authorities involved in the handling and provision of,

among other things, public transport, recreational parks and buildings must take into account the needs of all members of society, including the disabled.

"It is time that a 'barrier-free' environment be realised for

the benefit of the whole of society."

Shahrizat added that the ministry held talks with the Housing and Local Government Ministry in July to discuss the efforts taken to provide access and mobility for

the disabled.

She added that a joint working paper between the two ministries was submitted during the national council meeting for local government, chaired by the Prime Minister, on Sept 25.



***Department of Environment***

# ROAD SAFETY AND MAINTENANCE

## Road Safety Department

Established 8 November 2004

**Road Map 2005-2010**; reduce current fatality rate of 4.9 deaths per 10,000 vehicles to 2 deaths per 10,000 vehicles by 2010.



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# ROAD SAFETY AND MAINTENANCE

## Strategies and Action Plans

- planning and design
- education
- accident data collection
- "black spot" studies
- traffic legislation
- enforcement
- public campaigns
- research and collaboration



# Making it hard to beat traffic lights

**LANGKAWI:** Come July next year, chances of you escaping the eyes of the law when you commit traffic offences will be slimmer.

With the implementation of the e-Enforcement system, cameras will be placed at traffic light junctions to record offenders on film.

The moment a motorist beats the lights, the information will be relayed to a control centre.

A summons will then be issued to the motorist after the relevant information has been verified with the database.

Transport Minister Datuk Seri Chan Kong Choy said the e-Enforcement system would

increase the chances of arresting traffic offenders by up to 95%.

"Currently the chances of traffic offenders being caught is between 16% and 25% and that too when enforcement is carried out," he said.

"We want to increase the probability of traffic offenders being caught to 95%, on par with developed countries," he said in his speech read out by his deputy Datuk Douglas Uggah Embas.

Douglas opened the 47th annual general meeting of the Malaysia Road Safety Council at a hotel here on behalf of Chan.

Chan added that the Road Safety Education curriculum would be incorporated in the Year One Bahasa Malaysia subject beginning April next year.

"We are starting with the first phase of the implementation involving 1,000 primary schools nationwide," he said.

He added that the Transport Ministry through the Road Safety Department was co-operating with the Education Ministry to promote early road safety education in schools.

He said the Government had also approved the setting up of the Malaysia Road Safety Research Institute at a cost of RM50mil early next year.



# ROAD SIDE AIR QUALITY MONITORING

## Air Quality Monitoring

51 Automatic air quality monitoring stations through the country including road site of major cities.

## Parameters monitored

PM<sub>10</sub>, CO, O<sub>3</sub>, NO<sub>x</sub>, SO<sub>2</sub>, Pb.



# TRAFFIC NOISE

## Environmental Quality (Motor Vehicle Noise) Regulations 1987

### Ambient noise measurements in major towns

### Planning Guidelines

- Environmental Noise Limits
- Noise Labeling and Emission Limits of Out Door Source
- Vibration limits and Control





# CLEANER FUEL

- Lead free gasoline since 2000.
- Road map for cleaner fuel has been worked out. In the process of adopting EURO 2 fuel.
- CNG promoted since 1989, currently 22,500 NGV on the road. Road tax reduction for NGV.

## National Biofuel Policy

- ENVO Diesel
- Palm Methyl ester



# Uptrend in biodiesel output

**KUALA LUMPUR:** Malaysian palm oil companies can produce at least one million tonnes of biodiesel next year, said Malaysian Palm Oil Association chairman Datuk Sabri Ahmad.

He added that the target was a conservative one.

"There are now five companies producing biofuel. The total biofuel production from these companies alone should hit 400,000 tonnes this year," he told reporters after the launch of the two-day *International Biofuel & Alternative Energy Conference* that began yesterday.

Sabri, who is also Golden Hope Plantations Bhd chief executive officer, said the country's biodiesel production should increase significantly in the coming years thanks in part to the Government's support for the industry and rising global demand for biofuel and biodiesel as alternative energy sources.

As at Nov 8, the Government had approved 75 biodiesel projects involving 72 companies. The biodiesel facilities, with total investment cost of about RM7bil, will be done in phases over several years.

"We expect to see a few more palm oil-based companies starting their biodiesel operations soon which will further boost the country's production capacity," Sabri said.

Asked if global demand for biofuel, especially biodiesel, would continue to rise, he said demand would continue to trend upwards.

"The future of biofuel is strengthened by the European Union Biofuel Directive for its member countries to use 2% of biofuel blend in 2005 and to increase it to 5.75% by 2010

due to environmental concerns," he said. Plantation Industries and Commodities Minister Datuk Peter Chin said investments in the biodiesel facilities for these companies would come from local and foreign investors.

"About RM4.87bil would come from local investors, while the balance of RM2.14bil from foreign ones, in particular from Australia, Singapore, the United States, India, Italy and Japan," he said in his speech read by the

ministry's parliamentary secretary Datuk Dr S. Vijayaratnam.

Chin said the Government had provided a framework for implementing biofuel in the country under the National Biofuel Policy.

"The three-pronged policy involves the production and use of biofuel for the transportation and industrial sectors, biofuel production for export, and commercialisation of the biofuel technology," he said.



Datuk Sabri Ahmad

**Department of Environment**



# VEHICLE EMISSION CONTROL AND I/M

- EURO 1 Standards for diesel vehicles and EURO 2 for petrol vehicles. Working towards EURO 2 and EURO 3 respectively.
- Mandatory six monthly inspection for safety and emission for commercial vehicles.



# **AWARENESS AND PUBLIC PARTICIPATION**

## **PROGRAMMES & ACTIVITIES**

- Dialogues
- Seminars
- Exhibitions

## **PUBLIC AWARENESS**

- Vehicle emission awareness campaigns
- Environment week
- Brochures/leaflets



**THANK  
YOU**



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