

MANDATORY DISCLOSURE OF AUTOMOTIVE EMISSIONS

1. BACKGROUND.

ASEAN is committed to pursuing sustainable development in the region. ASEAN's vision calls for a clean and green ASEAN with fully established mechanisms for sustainable development to ensure the protection of the region's environment, the sustainability of its natural resources and the high quality of life of its peoples. Sustainable development cannot be achieved without fundamental changes in the way industrial societies produce and consume.

To achieve these ends governments within the ASEAN region should protect the people and undertake the following activities:

- a. Raise consumer awareness of the importance of sustainable mobility and production patterns;
- b. Examine and address the use of media and advertising on sustainable consumption and production especially in addressing its negative impacts to human health especially vulnerable groups and children within the ASEAN region;
- c. To actively promote eco-design, eco-labeling and other transparent, verifiable and non-misleading consumer information tools;

One shared issue facing ASEAN countries is the deterioration of its air quality experienced in some of its major cities. Congestion and pollution problems in the densely populated urban areas are factors leading to the deteriorating air quality. The urban air pollution has its source mainly from vehicle emissions that will require various countermeasures in dealing with the issue. At present many ASEAN countries are facing rapid motorization and potentially explosive growth in private ownership of automobiles. Countermeasures taken are the introduction of cleaner fuels, widespread use of alternative gaseous fuels, implementing vehicle inspection & maintenance as well as the improvement of transportation modes. These have been applied in different ASEAN countries with various results achieved.

Emission motor vehicle standards for new or in-use motor vehicles have been issued in ASEAN countries as benchmark whereby compliance are enforced by regulatory agencies within the respective governments. Institutional weakness as well as the lack of technical facilities in upholding these standards has made it difficult to adhere to these standards. One effective tool in which all ASEAN countries can mutually develop and share in having clean emission vehicles is through a market mechanism whereby mobilizing the community and public at large to select vehicles which least emit pollution through the development of a mandatory disclosure requirement scheme. The scheme will enable the general public to be well-informed on emission

of various motor vehicles and hence provide them with consideration when choosing the right vehicle to purchase.

2. OBJECTIVES.

To develop a market mechanism through a uniformed mandatory disclosure scheme to the public on motor vehicle emissions.

3. EXPECTED GOALS

OUTPUT

- a. Create a demand from the public for motor vehicles, which have clean emissions.
- b. Pressurize motor vehicle manufacturers to produce vehicles with least emissions;
- c. Encourage increased fuel economy awareness as countermeasures to global warming;
- d. Increase public awareness on cars that pollute;
- e. Ensure openness and transparency in emissions for new motor vehicles;
- f. Obtain reliable information on emissions performance in new motor vehicles
- g. Development of emission testing facilities or mechanisms to certify emissions from new motor vehicles;

OUTCOME

- a. Ensure that transportation systems continue to play their essential role in sustainable development and, through the mobility they provide, serve essential human needs, and enhance the quality of life;
- b. Pave the way for creating international harmonization of emission standards for better positioning in global competitiveness in automotive trade. The resulting harmonization of technical regulations and certification will help expand and make more efficient the distribution of automobiles within the ASEAN region and exports outside the ASEAN region. Doing so on the basis of shared international rules will improve the setting for free competition as well as significantly benefiting consumers;
- c. Enhance political institutions to determine transportation modes that favor subsidies, regulations and protection from competition. These institutions will also determine the type and cost of fuels that will be used to power vehicles. Political and social institutions could exert enormous influence over transportation infrastructure development;

- d. The opportunity to leapfrog technological development that developed nations had gone through. Institutional capacity to adopt and implement innovative technologies can develop sufficiently through the usage of both transportation and environmental technologies;
- e. Create a better air quality environment in areas experiencing severe congested traffic and air pollution problems;
- f. Reduce negative impact to public health;
- g. Drastically reduce carbon emissions from transportation sector, which may require phasing carbon out of transportation fuels by transitioning from petroleum-based fuels to a portfolio of other energy sources.

4. RECOMMENDED ACTIONS

SHORT TERM

- a. Obtain relevant government institution concurrence for issuance of mandatory disclosure of automotive emissions;
- b. Develop criteria for emission rating for new motor vehicles (type approval);
- c. Strengthen public awareness to ownership of clean motor vehicles through public campaign and multi-media coverage;
- d. Develop emissions standards for type approval for new cars;
- e. Support stakeholders to create a clean air initiative program;
- f. Develop mechanism for the exchange of data and information within the related institutions in disclosing automotive emission.

LONG TERM

- a. Strengthen national and regional capacity of institutions on ways to advocate disclosure mechanisms.
- b. Promote an integrated approach to policy making at national and regional levels for emission control to promote sustainable development, including policies, infrastructure and good delivery networks with a view to providing efficient transportation, reducing energy consumption and pollution;
- c. Assess and improve the transfer of clean technologies within ASEAN countries in particular at the bilateral and regional levels with actions to establish disclosure mechanism;
- d. Support local government action to reduce greenhouse gas emissions and increase energy efficiency to assist national governments efforts to meet Kyoto Protocol targets. Governments must make further progress on energy for the mobile fuel, including the reduction of the greenhouse gases far beyond the Kyoto Protocol target;
- e. Reform unsustainable production and consumption models in the field of automotive modern style.

PARTNERSHIP INITIATIVES INFORMATION SHEET

Name of the Partnership/Initiative:

“MANDATORY DISCLOSURE OF AUTOMOTIVE EMISSIONS”

Expected date of initiation: 2002

Expected date of completion: 2005

Partners Involved:

Governments:

Ministries of Environment, Ministries of Transport, Ministries of Industry and Trade, local governments of:

1. Indonesia,
2. Malaysia,
3. Singapore,
4. Thailand,
5. Brunei,
6. Vietnam,
7. Myanmar,
8. Cambodia,
9. Philippines,
10. Laos

Intergovernmental organizations:

1. ASEAN
2. ASEAN Automotive Federation
3. APEC Automotive Dialogue

Major groups:

1. Motor Vehicle Associations within ASEAN regions,
2. Motorcycle Associations within ASEAN regions,
3. Public Transport Associations within ASEAN regions
4. IATO (Indonesian Automotive Technical Association)
5. GAIKINDO (Indonesian Automotive Industry Association)
6. Organda (Indonesian Land Transport Organization)

Others:

1. MEB (Clean Emission Partnership) Indonesia
2. Clean air organizations in ASEAN countries
3. NGOs concerned with vehicle emissions reduction,

Leading Partner: Ministry of Environment

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Main objectives of the Partnership/Initiative

Please provide a brief description:

Develop a uniformed mandatory disclosure scheme on emissions of motor vehicles to inform the public on compliance with motor vehicle emissions standards within respective ASEAN countries

Please also provide a brief description of the relationship of the Partnership/Initiative with the objectives of Agenda 21 as well as relevant goals and objectives of the United Nation Millennium Declaration:

Establish harmonization of emission standards between neighboring countries for better positioning for global competitiveness in automotive trade

Expected results:

Please provide a brief description:

Increased public awareness and participation to reduce motor vehicle emissions which pollute the air and do not comply with emission standards

Specific targets of the Partnership/Initiative and timeframe for their achievement:

Ensure openness and transparency in the implementation of emission standards for new and in-use motor vehicles, schedule enclosed.

Coordination and Implementation mechanism

Please provide a brief description of expected coordination/implementation mechanism of the Partnership/Initiative.

Coordination will be developed through the ASEAN Secretariat, ministries of environment as well as automotive associations within respective ASEAN countries including the ASEAN Automotive Federation through periodical meetings on a rotational basis

Arrangements for funding

Please describe available and/or expected sources of funding for the implementation of the Partnership/Initiative (e.g. donor government(s); international organization(s)/financial institution(s); foundation(s); private sector; other major groups, etc.)

Source: National budget, major automotive industries, automotive associations,
Amount: US\$ 6 million over a 4(four) year period

Arrangements for capacity building and technology transfer

Please include information if the Partnership/Initiative provides for training, informational support, institutional strengthening and/or other capacity building measures:

1. Workshops on pollution control of vehicle emissions;
2. Training on motor vehicle emissions measurement techniques;
3. Develop network among clean air partnership organizations within the ASEAN region;
4. Develop capacity on emission inspection management system and emission testing;
5. Develop dissemination of automotive disclosure through the use of electronic and printing media.

Please also provide here a brief description of expected arrangements for technology transfer (if applicable).

Capacity to conduct emission inspection management system and testing will be carried out through internship and technical assistance in well-established institutions that carry out emission certification.

Links of Partnership/Initiative with on-going sustainable development activities at the international and/or regional level (if any)

Please provide a brief description:

Develop cooperation with agencies such as JASIC and JAMA on issues dealing with motor vehicle emissions control technology and management,

Monitoring Arrangements

Please describe expected arrangements for monitoring of progress in the implementation of Partnerships/Initiative after it will be launched at the WSSD:

(e.g. frequency/modalities of preparation of progress reports; electronic updates, news-letters, etc)

1. Periodical reporting of mandatory disclosure of automotive emission to neighboring ASEAN countries
2. Periodical exchange of information on follow up measures based on results from disclosure of motor vehicle emissions
3. Setting up network of on-line data and information linkages on vehicle emissions testing
4. Setting up public disclosure arrangements involving mass media coverage

Other relevant information:

Web-site (if available): www.menlh.go.id or www.bapedal.go.id

Name and contact information of the person filling in this table:

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SCHEDULE OF ACTIVITIES

No	ACTIONS	2002				2003				2004			
		1	2	3	4	1	2	3	4	1	2	3	4
	Short Term												
1	Government approval for issuance of mandatory disclosure												
	a. Drafting of decree												
	b. Interdepartmental coordination meeting												
	c. Stakeholders coordination meeting												
	d. Announcement of decree												
2	Strengthen public awareness / campaign												
	a. Dissemination of decree through mass media												
	b. Open dialogue												
3	Develop mechanism for data and information exchange												
	a. Develop guidance												
	b. Coordinate interdepartmental and stakeholders meeting												
	Long Term												
4	Strengthen national and regional capacity institutions												
	a. Comparison studies in ASEAN countries												
	b. Harmonize procedures and performance criteria's for disclosure												
	c. Internalize experience within ASEAN countries												
5	Transfer of clean motor vehicles at bilateral/regional level												
	a. Coordinate incentive and disincentive schemes												
	b. Announce incentive and disincentive schemes												
	c. Recommend clean technology guidelines												
6	Support local government action to implement disclosure scheme												
	a. Human resources development on disclosure schemes												
	b. Develop media awareness on disclosure scheme												