



Process & Development of National EST Strategy



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Outlines

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- Collaboration Of Key National Stakeholders With the UNCRD
- National Capacity Building in EST
- Formulation of National EST Strategy & Progress Made
- The Way Forward - From Strategy To Action
- Next Steps

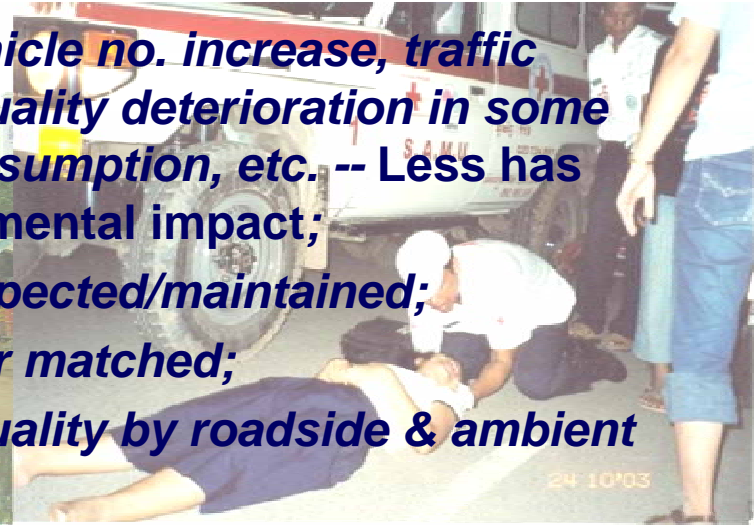
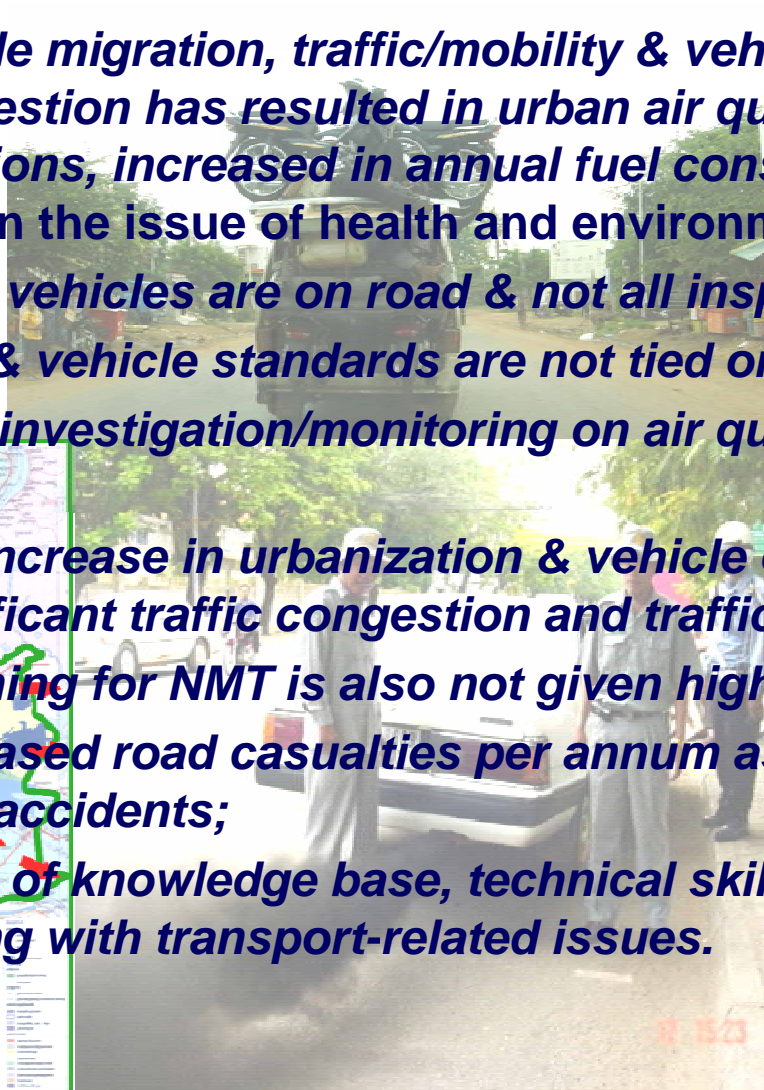




Introduction on EST

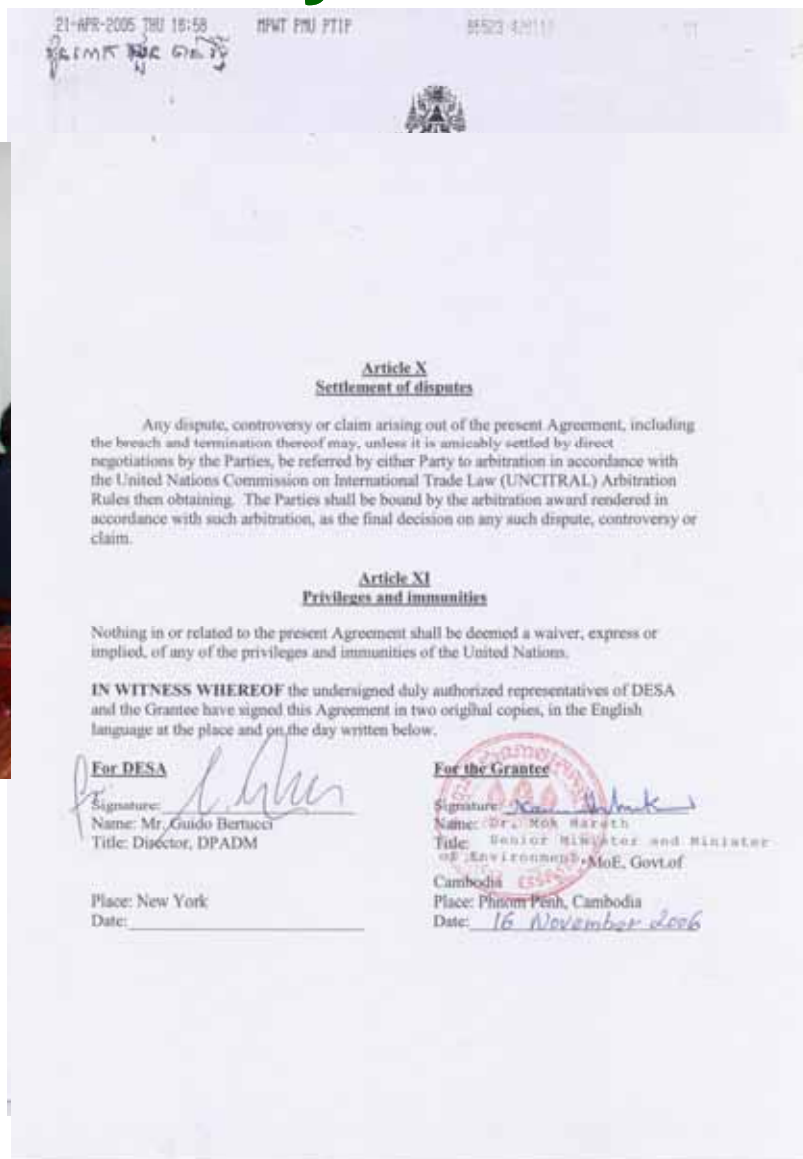
• Current Status & Issues

- People migration, traffic/mobility & vehicle no. increase, traffic congestion has resulted in urban air quality deterioration in some locations, increased in annual fuel consumption, etc. -- Less has known the issue of health and environmental impact;
- Used vehicles are on road & not all inspected/maintained;
- Fuel & vehicle standards are not tied or matched;
- Less investigation/monitoring on air quality by roadside & ambient area;
- The increase in urbanization & vehicle ownership has resulted in significant traffic congestion and traffic-related problems;
- Planning for NMT is also not given high priority;
- Increased road casualties per annum as 4.8 people died/day by road accidents;
- Issue of knowledge base, technical skill gaps & public awareness raising with transport-related issues.





Collaboration Of Key Nat'l Stakeholders With UNCRD



- **Signed Joint Letter of the MoE & MPWT sent to the UNCRD for national capacity building in EST;**
- **UNCRD's Director took his mission to the MoE to discuss the Grant Agreement on EST strategy;**
- **Grant Agreement Signing b/w the UN DESA & MoE:
Nat'l EST Capacity Building for Socio-economic Concerns Project**
- **Participation of involved nat'l & regn'l stakeholders included the MoE, MPWT, MoJ, MoH, MoC (CAMCONTROL/Fuel Inspection), MoI, MLMUPC, MoEYS, MoP, MIME, MEF, MoWA, CMs, PNHM, HIB, WHO, and UNCRD**



National Capacity Building in EST



- 13-14 Sep 2004: Nat'l Inception Meeting on the EST;
- 26-28 Jun 2006: Nat'l Dialogue-cum-Training Workshop in EST Policy;
- 3-4 Dec 2007: Nat'l Consultation Workshop on the 1st Draft EST Strategy;
- 2-3 Oct 2008: Nat'l Consultation Workshop on the 2nd Draft EST Strategy.



Formulation of Nat'l EST Strategy & Progress Made



- **Integration of key thematic key areas for development of the EST strategy includes:**
 1. *Urban health & environment,*
 2. *Roadside air quality monitoring & mangt,*
 3. *Vehicle emission control & standards,*
 4. *Vehicle inspection & maintenance,*
 5. *Fuel quality & standards,*
 6. *Public transport planning & travel demand mangt,*
 7. *People & envt'l friendly transport infrastructure devt,*
 8. *Road safety & maintenance,*
 9. *Traffic noise monitoring,*
 10. *Knowledge base & public awareness, and*
 11. *Gender perspective.*



The Way Forwards - From Strategy To Actions



Number of the following strategic actions needs to be carried out by concerned stakeholders to meet the objectives of targeted areas of the EST strategy like:

- *SPM is the most harmful pollutant to human health - Public awareness raising & capacity building on pollution issues, health impact from motor vehicles;*
- *Integration of transport-related issues into educational system curricula;*
- *Conduct the research to assess health impacts resulting from transport sector.*
- *Development of monitoring program to conduct air quality assessment, data collection on ambient and roadside concentrations of air pollutants.*





- *Formulation of stringent emission standard/upgraded existing regulation on air pollution control taken into account the fuel types and pollutants from vehicle.*
- *Enforcement of vehicle inspection & maintenance regulation.*
- *Encouragement & promotion of public transport & related facilities.*
- *Public education on vehicle emission reduction.*
- *Conduct the assessment of number and types of motor vehicle, and fuel quality and quantity;*
- *Development of vehicle standards, chemical contents in fuel and its qualities, and vehicle emissions measurements.*
- *Enforcement of Land Traffic Law approved in Feb. 2007, incl. regulations related to I/M;*
- *Decentralized I/M stations to local authorities;*
- *Capacity building to upgrade knowledge & skills of inspectors & traffic police to promote law enforcement;*
- *Skill exchange visit;*
- *Public knowledge & awareness raising.*

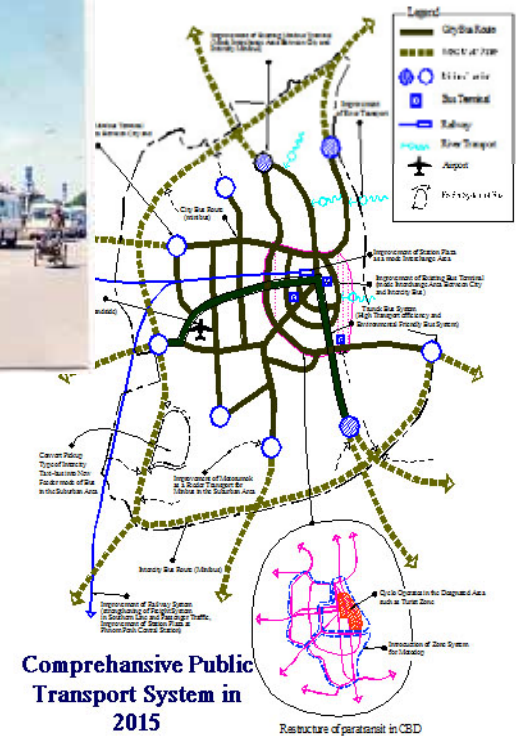


- *Budget allocated for rebuilding/repairing road network should include the focus on moving people/goods rather than the vehicles to facilitate economic growth and social development;*
- *Devt. of clear roadmap to manage the demand for private transport use, part. private cars & motorcycles;*





- *Re-Introduce the low-cost and efficient city bus services (BRT);*
- *Study on Mass Transit Alternatives with different costs (low-cost MRT & easily operated, as well);*
- *Conduct the study of TDM;*
- *Draw up the TDM measures & enforce.*





- *Infrastructure dev. planning includes NMT modes to any great extent;*
- *Recognises the needs of the NMT modes & makes suitable provision for them;*
- *construct adequate drainage facilities since some urban roads prone to flooding, hampering transport movements & causing heavy congestion.*





- *Increase capacity of road network, but at the expense of safety of vulnerable road users like pedestrians, motorcyclists, non-motorized vehicle occupants;*
- *Develop urban safety mangt. strategy to reduce number & severity of road crashes;*
- *Involve both public & non-public agencies to deal with road safety issues;*
- *Promote public awareness & consciousness on road safety;*
- *Mangr'l improvt. & funding for road maintenance.*





Awareness Raising Program To Improve Road Safety -- The Increasing In Helmet Wearing & Mirror By Road Users





Increase In Seatbelt Wearing While Driving





Respect to the road sign





Over-Speed Driving Control By Police





Alcohol Testing To Drivers At Night



New satellite cities



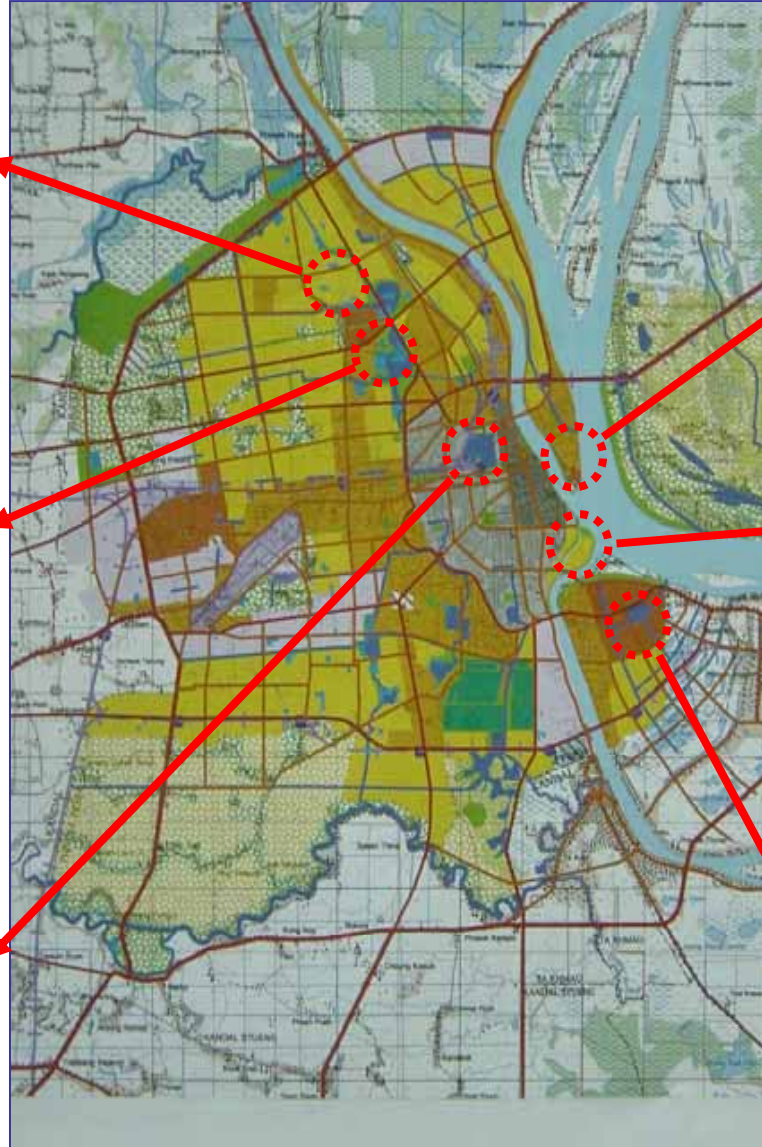
CIPUTRA PROJECT



BOENG PONG PEAY PROJECT



BOENG KAK PROJECT



CHROY CHANGVA PROJECT



KOH PICH PROJECT



BOENG SNAU PROJECT

 Secondary centre



Next Steps

It is proposed for the following actions from now till next year:

- ***Update of the second draft for the final draft based on recently available data;***
- ***Translation of the final draft EST into Khmer version;***
- ***Official process for the Government approval;***
- ***Printing, launching and disseminating of the final report; and***
- ***Organization of the donor consultation meeting on National EST Strategy, Cambodia.***



Thanks For Your Attention!