

REGIONAL CONSULTATION SEMINAR
Formulation of a National Environmentally Sustainable Transport (EST)
Strategy

WORKSHOP

City/Municipality/Agency: _____

Group Members: _____

Contact Information: (Tel/Fax) _____

(E-mail) _____

Mechanics:

For Part A:

Indicate with a check mark (✓) in the box before the strategies those that the:

- a) LGU/agency **is implementing or has implemented**; or
- b) LGU/agency **plans to implement**; or
- c) LGU/agency **is not implementing or has not implemented**; or
- d) LGU/agency is not implementing/has not implemented **but can implement**.

PART A: Checklist of EST Strategies

Thematic Area 1: Strategies for public health

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Dissemination of Information, Education, and Communication Materials (IEC) on public health hazards thru tri-media
				(b) Conduct research and extension program to improve public health
				(c) Strengthen public health services
				(d) Develop monitoring tools for public health
				(e) Formulation and promulgation of Department Administrative Orders on public health
				(f) Adoption of EST as a planning paradigm in LGUs
				(g) Annual medical check-up of PUV drivers
				(h) Increase green areas
				(i) Mandatory vehicle inspection of PUV (increased to twice a year)
				(j) Strict enforcement of rules/regulations/standard, e.g. enhanced anti-smoke belching operation and PETC

				(k) Use of green fuels
				(l) Installation of emission reducing device in vehicles' exhaust system (e.g., catalytic converter)
				(m) Annual audiological check-up of PUV drivers and affected communities
				(n) Installation of noise control device in vehicles
				(o) TSM/TDM measures (e.g., synchronization of traffic lights, road widening and paving, alternate routes)
				(p) Strict enforcement of rules/regulations/standard, e.g. enhanced anti-smoke belching operation and PETC

Thematic Area 2: Strategies for strengthening roadside air quality monitoring and assessment

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Monitor TSP reduction
				(b) Purchase/Installation of PM, HC, CO, NO ₂ , SO ₂ (road side) equipment
				(c) Develop locally fabricated monitoring instruments
				(d) Capacitate local government unit and other sector on monitoring and assessment
				(e) Enhance developmental and enforcement capacity of local government
				(f) AQM equipment installed/working strategic areas nationwide
				(g) Reporting of air quality indices to the public (website)

Thematic Area 3: Strategies for traffic noise management

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Public awareness on hazards of noise
				(b) Amendment/updating of noise standards and compliance
				(c) Strict enforcement of MV noise regulations
				(d) Increase compliance of MV drivers and owners with noise standards
				(e) Enhancement of LGU capability/enact local ordinances
				(f) Installation of noise barriers

Thematic Area 4: Strategies for vehicle emission control, standards, and inspection and maintenance

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Develop MVIS and made operational in all regions
				(b) Establish motor vehicle standards (in-use)
				(c) Adopt/harmonize Euro regulations (type approval)
				(d) Strengthen LGU capacity to enforce standards through I/M
				(e) Strict regulation of PETCs by LGU/DTI/DOTC/DENR
				(f) Strengthen road side apprehension on smoke-belchers and vehicles
				(g) Intensify organization of Anti Smoke Belching Units under CENRO office
				(h) Enactment of local ordinances providing incentives for enforcers
				(i) Intensify advocacy for conduct of Preventive maintenance
				(j) Health monitoring of enforcers and drivers
				(k) Improve transport groups capacity to comply with MV standards

Thematic Area 5: Strategies for cleaner fuels

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Intensify promotion of alternative fuels/vehicles such as CNG, biofuels, AutoLPG, hybrid vehicles and EVs
				(b) Provision of fiscal and non-fiscal incentives for producers and users
				(c) Access to financial assistance
				(d) Fuel with less organic vapour and sulphur on the formulation
				(e) Adoption of harmonized fuel quality standards (Euro regulations)
				(f) Identify sources of cleaner fuels
				(g) More accessible green fuels
				(h) Enhanced safety handling of cleaner fuels

Thematic Area 6: Strategies for public transport planning and travel demand management (TDM)

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Transport modernization (thru financing) for PUV's
				(b) Promoting mass transport to policy makers
				(c) Public Transport network integration
				(d) Promote use of Public Transport over private transport
				(e) Promote high-occupancy vehicles
				(f) Promote park-and-ride facilities
				(g) Assess spatial & temporal dimension of truck flows
				(h) Capacity building for Public Transport sector

Thematic Area 7: Strategies for non-motorized transport (NMT)

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Promote walking as a utilitarian mode
				(b) Promote cycling as a utilitarian mode
				(c) Develop NMT facilities
				(d) Assess NMT PT services

Thematic Area 8: Strategies for environment and people friendly infrastructure development

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Improve, enhance enforcement of traffic rules and regulations
				(b) Incorporate green architecture principles in the design of transportation infrastructure
				(c) Incorporate "inclusive transport" principles in transportation infrastructure and vehicle design

				(d) Promote effective accessibility and efficient mobility for all (elderly, children, women, persons with disabilities, poor)
				(e) Promote the use of green fuels or energy sources for vehicles

Thematic Area 9: Strategies for social equity and gender perspective

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Adoption of EST as a planning paradigm in LGUs
				(b) Provision of pedestrian and bike lanes
				(c) Passenger segregation (M/F, Senior citizens, Persons With Disabilities)
				(d) Installation of traffic and transport assistive devices
				(e) People-friendly public transport facility
				(f) Use of cheaper renewable energy for public transport

Thematic Area 10: Strategies for road safety and maintenance

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Develop a comprehensive inspection and maintenance program for all vehicles
				(b) Motor vehicle inspection system program (MVIS program)
				(c) Road safety audit
				(d) Highway Engineering manuals and standards for road safety
				(e) Implementation and funding of blackspot program
				(f) Research on accident costs
				(g) Clear designation and empowerment of a national body serving as coordinator/manager for road safety
				(h) Road accident database system (including TARAS, MMARAS, and health sector data collection system)
				(i) Road safety research center
				(j) Road safety forum/ workshops/ conferences
				(k) Harmonization traffic laws

				(l) Capability building on road safety at the LGU level
				(m) Establish traffic courts
				(n) Traffic discipline zones (TDZ)
				(o) Capability-building on emergency response system for LGUs
				(p) Trauma units in tertiary hospitals
				(q) Road safety education program for vulnerable users (children, etc.)
				(r) Integration of road safety education in curriculum
				(s) Improved driver licensing / driver training system

Thematic Area 11: Descriptors and strategies for land use planning

Implementing	Plan to Implement	Not implemented	Can implement	Strategies
				(a) Designation of vehicle free zones
				(b) Implementation of traffic calming strategies
				(c) Promote mixed use development
				(d) Promote efficient use of idle lands
				(e) Integration of EST in CLUP/CDP and other planning guidelines
				(f) Capability building on integration of land use and transport policies
				(g) Participatory process in stakeholder consultation

PART B: Other EST Practices

Mechanics:

- 1) Discuss with your group other environment friendly transport-related strategies that your city/municipality is already practicing.
- 2) List down those that are **not found** in the checklist in Part A in the spaces provided in the table below. Please **indicate the thematic area number** in the box before the strategy.

	Other Environment Friendly Transport Practices

PART C: Barriers to Achieving EST

Mechanics:

- 1) Based on your experience, please note down the factors which prevent your local government unit (Please use the table in the next page.). Examples include:
 - Political will to formulate and implement significant policies for efficient public transport.
 - Lack of clear transport plan
 - Lack of human resource capability

PART D: How to Address the Challenges

Mechanics:

- 1) From the identified hindering factors identified in Part C, please recommend doable actions that will address the each from the perspective of your local government unit. Please see recommended table for this activity:

Please indicate:

S – Social Factor

T – Technical Factor

I – Institutional Factor

E – Economic Factor

C. HINDERING FACTOR	D. SUGGESTED DOABLE ACTION
Example: Absence of traffic management unit (I)	Creation of traffic management unit via City/Municipal Ordinance

