

Country Report

(Draft)

< Myanmar >

Country Report

Name of Country: Myanmar

Name, Designation and Organization Respondent: Zaw Min Oo, Principal of CITC, Ministry of Rail Transportation.

Other Organizations contributing to Country Report: Transport Planning Department (TPD) & Road Transport Administration Department (RTAD),
Ministry of Rail Transportation.

Voluntary Progress/Achievements/Initiatives towards Goals of the Bangkok 2020 Declaration

With the objective of demonstrating the renewed interest and commitment of Asian countries towards realizing a promising decade (2010-2020) of sustainable actions and measures for achieving safe, secure, affordable, efficient, and people and environmentally friendly transport in rapidly urbanizing Asia, the participating countries of the Forum discussed and agreed on a goodwill and voluntary declaration - “Bangkok Declaration for 2020 – Sustainable Transport Goals for 2010-2020”. The objective of the Country Reporting is to share among international community the progress and achievements made, including various challenges faced, by countries in implementing each of the underlined goals. This would also help development agencies, donors, and MDBs in assessing the sustainable transport needs and challenges to better devise their existing as well as future capacity building programs and operations in sustainable transport.

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration		
I. Strategies to <u>Avoid</u> unnecessary travel and reduce trip distances				
“Avoid” Strategy	1	Formally integrate land-use and transport planning processes and related institutional arrangements at the local, regional, and national levels	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> -Land ownership and land-use disputes. -Financial difficulties. -Involvement of more than one ministry in land management.
	Examples of pilot projects and/or policies developed or under development – include URLs where relevant -The Ministry of Transport is in the process of conducting a feasible study to draw National Transport Master Plan with JICA assistance.			
	Important Actions you will take in 2013			—
“Avoid” Strategy	2	Achieve mixed-use development and medium-to-high densities along key corridors within cities through appropriate land - use policies and provide people - oriented local access, and actively promote transit-oriented development (TOD) when introducing new public transport infrastructure	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> -Weakness of public transport projects. -Requirement of purpose-built mixed-use projects. -Weakness in systematic transport service management. -Financial difficulties.
	Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Dawei Deep-sea port Special Economic Zone and Myawady Border Trade and Economic Zone have been implemented after enacting relevant laws. Efforts are under way for establishing other major economic zones. Economic corridors will develop alongside the economic zones.			
	Important Actions you will take in 2013			—

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“Avoid” Strategy	3	Institute policies, programmes, and projects supporting Information and Communications Technologies (ICT), such as internet access, teleconferencing, and telecommuting, as a means to reduce unneeded travel	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Slow Internet speed. -Low telephone density. -HRD requirement for ICT.
			Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Teleconferencing has already been introduced. -Greater efforts are being made for the majority to get access to mobile phones and Internet.	
		Important Actions you will take in 2013 <p style="text-align: center;">—</p>		

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II. Strategies to <u>Shift</u> towards more sustainable modes				
“Avoid” Strategy	4	Require Non-Motorized Transport (NMT) components in transport master plans in all major cities and prioritize transport infrastructure investments to NMT, including wide-scale improvements to pedestrian and bicycle facilities, development of facilities for intermodal connectivity, and adoption of complete street design standards, wherever feasible	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> -Lack of wider public education campaigns on the interrelations between NMT and environmental conservation. -Weakness of pedestrian and bicycle facilities. -Less consideration for NMT in the ongoing urban transport schemes.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	<ul style="list-style-type: none"> -Two dry days per month to reduce the use of departmental vehicles. -Yangon city has motorcycle-free zones. 	
		Important Actions you will take in 2013	—	
“Avoid” Strategy	5	Improve public transport services including high quality and affordable services on dedicated infrastructure along major arterial corridors in the city and connect with feeder services into residential communities	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <ul style="list-style-type: none"> -Budget constraints to extend the existing circular train routes and introduce MRT. -Existence of a number of constraints to launch Bus Rapid Transit. -Requirement of wider smartcard-used city transport system.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant	<ul style="list-style-type: none"> -Test run of smartcard metro transport system has started in Yangon. 	

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Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration
“Avoid” Strategy	6 Reduce the urban transport mode share of private motorized vehicles through Transportation Demand Management (TDM) measures, including pricing measures that integrate congestion, safety, and pollution costs, aimed at gradually reducing price distortions that directly or indirectly encourage driving, motorization, and sprawl	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)
		Challenges faced in implementation: -Car parking area shortage in cities. -Lack of public knowledge on parking management. -Late increase in the number of car ownership.
	Examples of pilot projects and/or policies developed or under development – include URLs where relevant -The system of imposing fine for causing road congestion has started. -All townships in the country are collecting toll fees. -Vehicle taxes are being collected according to the prescriptions. -Work is under way for taking TDM measures fully along Yangon-Mandalay Expressway.	
		Important Actions you will take in 2013 —

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Avoid” Strategy	7 Achieve significant shifts to more sustainable modes of inter-city passenger and goods transport , including priority for high-quality long distance bus, inland water transport, high-speed rail over car and air passenger travel, and priority for train and barge freight over truck and air freight by building supporting infrastructure such as dry inland ports	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Infrastructural restrictions for high- speed rail service. -Financial constraints for high quality long distance transports.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Talks are under way with Chinese, Korean and Japanese companies and including local companies for extension of high-quality passenger bus lines in Yangon. -YCDC with JICA technical cooperation is drawing Yangon City Development Strategic Plan covering a road network system.	
		Important Actions you will take in 2013 —	

III. Strategies to Improve transport practices and technologies				
“Improve” Strategy	8	Diversify towards more sustainable transport fuels and technologies , including greater market penetration of options such as vehicles operating on electricity generated from renewable sources, hybrid technology, and natural gas	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <p>-Domestic use of CNG is not extensive yet.</p>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant		
		Important Actions you will take in 2013		
“Improve” Strategy	9	Set progressive, appropriate, and affordable standards for fuel quality, fuel efficiency, and tailpipe emissions for all vehicle types, including new and in-use vehicles	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <p>-Need to review and modify the specific standardization for public buses, trucks, commercial vehicles, motorcycles and three- wheelers.</p>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Road Transport Administration Department (RTAD) follows ASEAN standard(<50% Bosch unit) for tailpipe emissions for all vehicle types, including new and in-use vehicles.		
		Important Actions you will take in 2013		

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“Improve” Strategy	10 Establish effective vehicle testing and compliance regimes, including formal vehicle registration systems and appropriate periodic vehicle inspection and maintenance (I/M) requirements, with particular emphasis on commercial vehicles, to enforce progressive emission and safety standards, resulting in older polluting commercial vehicles being gradually phased-out from the vehicle fleet, as well as testing and compliance regimes for vessels	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Shortage of vehicle inspection equipments. -Limits in using more CNG for commercial vehicles.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Every-three-year inspection for newly assembled cars and yearly inspection for other cars. -Exhaust Emission (Smoke) Standard is fixed at <50% Bosch unit.	
		Important Actions you will take in 2013 —	

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11	Adopt Intelligent Transportation Systems (ITS), such as electronic fare and road user charging systems, transport control centres, and real-time user information, when applicable	Any action had been taken so far? <input checked="" type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Technology and infrastructure requirement. -Need financial assistance to implement ITS.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Work cannot be implemented yet even though discussions were held with JICA and KOICA for installation of ITS on the entrance roads to towns along economic corridors.	
		Important Actions you will take in 2013 —	
“Improve” Strategy	Achieve improved freight transport efficiency, including road, rail, air, and water, through policies, programmes, and projects that modernize the freight vehicle technology, implement fleet control and management systems, and support better logistics and supply chain management	Any action had been taken so far? <input checked="" type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -No systematic and practical management for freight transport. -Technological and machinery requirements -HRD requirement.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant —	
		Important Actions you will take in 2013 —	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
IV. Cross-cutting strategies			
“Improve” Strategy	13 Adopt a zero-fatality policy with respect to road, rail, and waterway safety and implement appropriate speed control, traffic calming strategies, strict driver licensing, motor vehicle registration, insurance requirements, and better post-accident care oriented to significant reductions in accidents and injuries	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -The drafting of zero-fatality policy framework cannot be started yet. -Shortage of infrastructure. -Need financial and technical assistance to implement Road Safety Action Plan.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant -National Road Safety Action Plan has already been drawn and presented. Work is under way to form National Road Safety Committee (NRSC).	
		Important Actions you will take in 2013 —	
“Cross-Cutting” Strategy	14 Promote monitoring of the health impacts from transport emissions and noise, especially with regard to incidences of asthma, other pulmonary diseases, and heart disease in major cities, asses the economic impacts of air pollution and noise, and devise mitigation strategies, especially aiding sensitive populations near high traffic concentrations	Any action had been taken so far? <input checked="" type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Weakness in broadening public awareness on health impacts from transport emissions and noise.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Ministry of Health issues its National Health Policy and being implemented. -To standardize vehicle emission limit that can impact on health issues & environmental issues, implementing overage vehicles deregistration and replacing program.	
		Important Actions you will take in 2013 —	

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IV. Cross-cutting strategies			
“Cross-Cutting”	15 Establish country-specific, progressive, health-based, cost-effective, and enforceable air quality and noise standards, also taking into account the WHO guidelines, and mandate monitoring and reporting in order to reduce the	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Needs stable current voltage of electricity to operate high volume sampler to get air quality.
“Cross-Cutting” Strategy	occurrence of days in which pollutant levels of particulate matter, nitrogen oxides, sulphur oxides, carbon monoxide, and ground-level ozone exceed the national standards or zones where noise levels exceed the national standards, especially with regard to environments near high traffic concentrations	Examples of pilot projects and/or policies developed or under development – include URLs where relevant -The National Environmental Conservation Committee was reformed in April 2011. -Environmental Conservation Department (ECD) has been drafting Environmental Quality Standards of Myanmar. But it is still under negotiation among departments concerned. Currently, ECD is practicing its separate environmental standards adopting WHO & ISO standards, etc. To adopt the same standards ECD is trying to integrate the relevant standards to develop the Environmental Quality standard in Myanmar. -Environmental Quality Standards for vehicles are as follows: A. Exhaust emission (smoke) < 52% Bosh Unit. B. Horn maximum 90dB. C. Noise maximum 115 dB. -Ambient Air Quality Monitoring in Nay Pyi Taw and Yangon done by Occupational Health Division, under the Department of Health, Ministry of Health. <hr/> Important Actions you will take in 2013 -Ambient Air Quality Monitoring is ongoing at Nay Pyi Taw and Yangon.	

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IV. Cross-cutting strategies			
“Cross-Cutting”	16 Implement sustainable low-carbon transport initiatives to mitigate the causes of global climate change and to fortify national energy security , and to report the inventory of all greenhouse gases emitted from the transport sector in the National Communication to the UNFCCC	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Still lack of national strategy and action plan for mitigation and adaptation to climate change. However, responsible ministries are implementing necessary actions to adapt the climate change in each sector.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant -Ministry of Energy has initiated the Clean Fuel Program and is making efforts to reduce CO ₂ emission by increasing natural gas utilization in industrial sector and power generation. -Converting gasoline, diesel & LPG vehicles to CNG vehicles.	
		Important Actions you will take in 2013 —	
“Cross-Cutting”	17 Adopt social equity as a planning and design criteria in the development and implementation of transport initiatives, leading to improved quality, safety and security for all and especially for women, universal accessibility of streets and public transport systems for persons with disabilities and elderly, affordability of transport systems for low-income groups, and up-gradation, modernization and integration of intermediate public transport	Any action had been taken so far? <input checked="" type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: —
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant —	
		Important Actions you will take in 2013 —	

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“Cross-Cutting”	18 Encourage innovative financing mechanisms for sustainable transport infrastructure and operations through measures, such as parking levies, fuel pricing, time-of-day automated road user charging, and public-private partnerships such as land value capture, including consideration of carbon markets, wherever feasible	Any action had been taken so far? <input checked="" type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: —
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant —	
		Important Actions you will take in 2013 —	
“Cross-Cutting” Strategy	19 Encourage widespread distribution of information and awareness on sustainable transport to all levels of government and to the public through outreach, promotional campaigns, timely reporting of monitored indicators, and participatory processes	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Weakness in media network coverage. -Weakness of officials in paying attention to sustainable transport.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant —	
		Important Actions you will take in 2013 —	

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“Cross-Cutting”	20 Develop dedicated and funded institutions that address sustainable transport-land use policies and implementation, including research and development on environmentally-sustainable transport, and promote good governance through implementation of environmental impact assessments for major transport projects	Any action had been taken so far? <input type="checkbox"/> Not yet <input checked="" type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: -Weakness in conducting environmental impact assessment for transport projects.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant —	