

# **Country Report**

**(Draft)**

**<Brunei Darussalam>**

# Country Report

**Name of the Country:**

**BRUNEI DARUSSALAM**

**Name, Designation and Organization Respondent:**

**Public Work Department, Ministry of Development, &  
Land Transport Department, Ministry of Communications**

**Other Organizations contributing to Country Report:**

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		
<b>I. Strategies to <u>Avoid</u> unnecessary travel and reduce trip distances</b>				
“Avoid” Strategy	1	Formally integrate <b>land-use and transport planning</b> processes and related institutional arrangements at the local, regional, and national levels	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: Finance Transport Survey Roadside interview
			Examples of pilot projects and/or policies developed or under development – include URLs where relevant Centre For Strategy and Policy Studies (CSPS) preparing a Land Transport Master Plan (LTMP) which will shape the country's land transport policy up to and beyond 2035	
			Important Actions you will take in 2013	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Avoid” Strategy	2 Achieve <b>mixed-use development</b> 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	Any action had been taken so far? <input type="checkbox"/> <b>Not yet</b> <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: <b>Data Gathering</b>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <b>Brunei/Muara Master Plan</b> <b>Bandar Seri Begawan Development Master Plan</b>	
		Important Actions you will take in 2013 <b>Improve public transportation and facilities</b> <b>Implementation of projects in accordance to the master plan</b>	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Avoid” Strategy	3 Institute policies, programmes, and projects supporting <b>Information and Communications Technologies</b> (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 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	
<b>II. Strategies to <u>Shift</u> towards more sustainable modes</b>			
“Shift” Strategy	4 Require <b>Non-Motorized Transport</b> (NMT) components in transport master plans in all major cities and prioritize transport infrastructure investments to NMT, including wide-scale improvements to	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <b>Finance</b> <b>Space to built facilities</b>

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
	pedestrian and bicycle facilities, development of facilities for intermodal connectivity, and adoption of complete street design standards, wherever feasible	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Providing bicycle lane in national housing area and parks</p> <p>Providing footpath at commercial and housing area</p> <hr/> <p>Important Actions you will take in 2013</p> <p>Implementation projects providing the pedestrian and bicycle lane</p>	
“Shift” Strategy	5 Improve <b>public transport</b> 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> <p><input type="checkbox"/> Not yet</p> <p><input type="checkbox"/> Some (design – piloting)</p> <p><input checked="" type="checkbox"/> <b>Largely in Place</b></p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <p>Public to use public transportation</p> <p>Infrastructure and facilities</p> <p>Attract public to utilize public buses due to cheaper to own a private vehicle.</p>

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Introduction of Brunei 1st park and rides facilities - Reducing Traffic Congestion in Brunei National Hospital</p> <p>Upgrade the bus stop facilities/increase the number of Bus shelter /bus stop</p> <p>Develop new central Bus station and terminals</p> <p>Improve connectivity of Public Bus routes</p> <p>New type of bus, more feeder services</p> <hr/> <p>Important Actions you will take in 2013</p> <p>Extending the Services to other area - commercial area</p> <p>New Bus route introduce</p> <p>Built new central bus station and terminals</p> <p>Improve connectivity of Public Bus routes</p> <p>End of 2013 – tender for new Bus franchise</p>

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Shift” Strategy	6 Reduce the urban transport mode share of private motorized vehicles through <b>Transportation Demand Management</b> (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	<p>Any action had been taken so far?</p> <p><input checked="" type="checkbox"/> Not yet</p> <p><input type="checkbox"/> Some (design – piloting)</p> <p><input type="checkbox"/> <b>Largely in Place</b></p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p> <p>Finance</p> <p>Increasing number of Vehicles</p>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Traffic Congestion Programme - identifying road congestion area</p> <p>Road Safety programme - identifying black spot area in Brunei</p> <p>Introducing new bus route for Main District, Brunei Muara.</p>	
		<p>Important Actions you will take in 2013</p> <p>Implementation of projects under the Traffic congestion programme</p> <p>Implementation of projects improving all the Black Spot in Brunei</p> <p>.</p>	



Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Shift” Strategy	7 Achieve significant shifts to more sustainable modes of <b>inter-city passenger and goods transport</b> , 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"/> <b>Not yet</b> <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: Corridor Finance
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant  A Study on Brunei’s Land Transport system to formulate road map and national Land Transport master plan will be completed by July 2013.	
		Important Actions you will take in 2013	
<b>III. Strategies to <u>Improve</u> transport practices and technologies</b>			

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Improve” Strategy	8 Diversify towards more sustainable <b>transport fuels and technologies</b> , including greater market penetration of options such as vehicles operating on electricity generated from renewable sources, hybrid technology, and natural gas	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> <b>Some (design – piloting)</b> <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: Education Finance Cheap Fuel Price Expensive than ordinary vehicle
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant  Encourage of the purchase of Hybrid Vehicle through lower import tax.	
		Important Actions you will take in 2013 More publicity to shift people to use hybrid Vehicle	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Improve” Strategy	9 Set progressive, appropriate, and affordable <b>standards</b> for fuel quality, fuel efficiency, and tailpipe emissions for all vehicle types, including new and in-use vehicles	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> <b>Some (design – piloting)</b> <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  Plan to introduce the vehicle rating standard toward safer vehicle on road. Plan to upgrade fuel quality to Euro 4 standard	
		Important Actions you will take in 2013	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Improve” Strategy	10 Establish effective vehicle testing and compliance regimes, including formal vehicle registration systems and appropriate periodic vehicle <b>inspection and maintenance</b> (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 type="checkbox"/> Some (design – piloting) <input type="checkbox"/> <b>Largely in Place</b> <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  Periodic Vehicle Inspection (Private Vehicle above 7 years & above annually, Commercial twice a year. Computerized Vehicle Inspection Center (VIC).	
		Important Actions you will take in 2013  Commercialization of Vehicle Inspection Centre (PPP model)	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Improve” Strategy	11 Adopt <b>Intelligent Transportation Systems</b> (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 type="checkbox"/> <b>Not yet</b> <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: <b>Financial</b> <b>Identifying the routes</b>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <b>Implementation of ITS into the Brunei Road network especially the major roads - concentrating congestion area.</b>	
		Important Actions you will take in 2013 <b>Application of budget for the next national Development Programmed</b>	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
‘Improve’ Strategy	12 Achieve improved <b>freight transport</b> 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 type="checkbox"/> <b>Not yet</b> <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: <b>Finance</b> <b>Identification of roads to be use as freight transport</b>
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant  <b>Improvement of existing road for more efficient freight transport within the Brunei</b>	
		Important Actions you will take in 2013	
<b>IV. <u>Cross-cutting</u> strategies</b>			

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Cross-Cutting” Strategy	13 Adopt a zero-fatality policy with respect to road, rail, and waterway <b>safety</b> 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 type="checkbox"/> Some (design – piloting) <input type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <b>Financial</b> To set up infrastructure and facilities.
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant Transformation Major Junctions into Interchanges along the National Highways Improve Black Sport Area Introducing Guidelines traffic calming into the Brunei Road system Full Implementation of Demerit Points Systems in Mei/Jun 2013 Revision of Driving School Curriculum. Mandatory to attended Defensive Driving for bus driver Road Traffic Act/Regulations amendment 2013. Amendment of Road Traffic (Driving LicenseI Regulations Upgrade/New device for Speed Warning Device (SWD) to be install mandatory to commercial vehicle.	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
		<p>Important Actions you will take in 2013</p> <p>Implementation of interchanges projects</p> <p>Implementation of traffic calming measures</p> <p>Full implementation of Road Traffic (Driving Licenses) Regulations 2013</p> <p>Full implementation on Demerit Points System Phase III.</p>	
“Cross-Cutting” Strategy	<p>14 Promote monitoring of the <b>health</b> impacts from transport emissions and noise, especially with regard to incidences of asthma, other pulmonary diseases, and heart disease in major cities, assess the economic impacts of air pollution and noise, and devise mitigation strategies, especially aiding sensitive populations near high traffic concentrations</p>	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input type="checkbox"/> <b>Some (design – piloting)</b></p> <p><input type="checkbox"/> Largely in Place</p> <p><input type="checkbox"/> Fully Completed</p> <p>(Please Check the box)</p>	<p>Challenges faced in implementation:</p>
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <p>Monitoring device to measure CO2 emission install at Major road.</p>	



<b>Goal No.</b>	<b>Goal Description</b>	<b>Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration</b>
		Important Actions you will take in 2013

“Cross-Cutting”	15	Establish country-specific, progressive, health-based, cost-effective, and enforceable <b>air quality and noise</b> standards, also taking into account the WHO guidelines, and mandate monitoring and reporting in order to reduce the 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	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation:  Expertise
			Examples of pilot projects and/or policies developed or under development – include URLs where relevant  Regulate emission and noise test through computerized vehicle inspection center (Periodic mandatory inspection).	
			Important Actions you will take in 2013	

“Cross-Cutting” Strategy	16	Implement sustainable low-carbon transport initiatives to mitigate the causes of <b>global climate change</b> and to fortify national <b>energy security</b> , 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"/> <b>Not yet</b> <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	17	Adopt <b>social equity</b> 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 type="checkbox"/> Not yet <input type="checkbox"/> <b>Some (design – piloting)</b> <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <b>Financial</b>
			Examples of pilot projects and/or policies developed or under development – include URLs where relevant <b>Implementation of minimal fee for using public transportation</b> <b>Provide disabilities facilities for the public at the commercial area</b>	
			Important Actions you will take in 2013	

“Cross-Cutting” Strategy	18	Encourage innovative <b>financing</b> 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	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input type="checkbox"/> <b>Some (design – piloting)</b> <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: Promoting Public Transportation Improving public transportation
			Examples of pilot projects and/or policies developed or under development – include URLs where relevant Park and rides project is the first step to promote public transportation	
			Important Actions you will take in 2013 Improve service of the public transportation Promote public transportation	

“Cross-Cutting” Strategy	19	Encourage widespread distribution of <b>information and awareness</b> 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 type="checkbox"/> Some (design – piloting) <input type="checkbox"/> <b>Largely in Place</b> <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: Public support Finance Improvement of existing infrastructure
			Examples of pilot projects and/or policies developed or under development – include URLs where relevant	
			Important Actions you will take in 2013 Improvement of the public transport services incrementally, such as connectivity & route, operating hours, Frequency waiting time and publicity.	

“Cross-Cutting” Strategy	20	Develop dedicated and funded <b>institutions</b> that address sustainable transport-land use policies and implementation, including research and development on environmentally-sustainable transport, and promote good <b>governance</b> through implementation of environmental impact assessments for major transport projects	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input type="checkbox"/> <b>Some (design – piloting)</b> <input type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: Finance
			Examples of pilot projects and/or policies developed or under development – include URLs where relevant EIA will be included in all new Road projects	
			Important Actions you will take in 2013 Undertake Feasibility Studies on EIA for new road to be constructed.	