

Seventh Regional EST Forum in Asia

“Next Generation Transport Systems We Want for 21st Century ~ Looking Beyond Rio+20”

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Country Report

(Draft)

<Republic of Korea>

Country Report

Name of the Country: Republic of Korea

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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> <ol style="list-style-type: none"> 1. Inadequate Laws / Regulation for urban-transportation integration planning 2. Doubt on the effectiveness of promoting integration plan according to implementation of each project in urban / transportation sector
			<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ol style="list-style-type: none"> 1. Strengthening of connectivity between Metropolitan transportation plan and Urban Master plan from the beginning and setting up integrated guidelines (URL) http://molit.go.kr/print_portal.jsp?src_folder=content-area&policy 2. Medium and long-term direction of urban-transportation integration plan and implementation through government convergence TF 	
			<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. Active policy implementation aimed at urban revitalization project: Station Area Development; public transportation maintenance with neighboring land use 	

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“Avoid” Strategy	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	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: 1. With the social and economic changes since, a large-scaled TOD development project (Station Influence Area Development) failed to receive investment/implementation 2. Faced limited TOD dissemination due to no difference between the existing station influence area development and TOD
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Introduce a corridor-type TOD(or TOC) considering urban-transportation integration plan as introducing light rail/tram (URL) http://library.krihs.re.kr/upload/publication/publication4/0000058061.pdf 2. Put continual efforts to build public transportation-centered urban area at local government level (i.e, Daejeon and Gwangju Metropolitan City, etc.) (URL) http://www.ajunews.com/common/redirect.jsp?newsId=20130314000223	
		Important Actions you will take in 2013 1. To build integrated transportation system(public transportation-pedestrian-bike) / To establish basic infrastructures for Station Influence Area / Complex Transit Terminal 2. To implement several pilot project; targeted multi-purposed development integrating public housing, commercial/culture spaces and pedestrian/public transportation	

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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 type="checkbox"/> Some (design – piloting) <input type="checkbox"/> Largely in Place <input checked="" type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ol style="list-style-type: none"> 1. Lower effectiveness in transportation use and as a means of transport 2. Imbalance between supply and demand in transportation and cost increase in traffic congestion 3. Increasing demand for traffic information in metropolitan and establishment of comprehensive traffic information infrastructure in the preparation of urban expansion
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ol style="list-style-type: none"> 1. Open contest on Urban Traffic Information System(UTIS) (URL)http://www.korea.go.kr/ptl/news/region/selectRegionView.do?num=188648&todayNewsId=NEWCNTNTS000000000247302 2. Provide public transportation information through building a partnership with mobile carriers(MLTM of Korea, TAGO) (URL) http://www.tago.go.kr/ 3. Establish and operate Intelligent Transportation System(ITS) at national, metropolitan city and regional level (URL) http://www.molit.go.kr/USR/policyData/m_34681/dtl?id=410 	

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		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. To create new driving force and spread spatial/transportation information open-platform service to nationwide 2. To raise service quality and customer confidence through providing qualified service 3. Providing stable service through securing professional workforce, education and training 4. Continual improvement in qualified service based on assessing service quality

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II. Strategies to <u>Shift</u> towards more sustainable modes			
“Shift” 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	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. Elicitation of social agreement on reduction private vehicle use 2. Discussion over financial allotment of central /municipal government for establishing infrastructure which promotes bicycle riding in a city 3. A maintenance issue of facility /operation system for an improvement in pedestrian-bike centered transit system
		Examples of pilot projects and/or policies developed or under development 1. Establishment of ten pilot cities for bike and bike (URL) http://www.mopas.go.kr/gpms/view/english/green/green01.jsp 2. Enactment of Pedestrian Laws on the establishment of pedestrian-centered urban transportation environment, and promotion projects to provide convenience for pedestrians (URL) http://www.korea.kr/policy/pressReleaseView.do?newsId=155840395 3. Promotion the project for a pedestrian-friendly city transforms Seoul into a human-centered city (URL) http://english.seoul.go.kr/gtk/cg/major.php?pidx=4&bn_idx=20695	

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		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. A pilot project on promoting eco-friendly integrated public transportation system focused on public transportation-pedestrian-bike at national level 2. An expansion project on promoting eco-friendly transportation infrastructure including pedestrian road maintenance, moving sidewalks and bike parking zone 3. Designation and Operation on pedestrian-prioritized road (full-day/time-based auto-restricted, speed limit, etc.)

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“Shift” 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	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. Development of transportation system focusing on public transportation 2. Improvement to transit and feeder service between transportation facilities
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Expanding dedicated districts for public transportation gradationally and designation the district of the pilot project for building complex transit centers (URL) http://www.korea.kr/USR/NEWS/m_71/dtl.jsp?id=148724994 2. Strengthening of connectivity between public transport and bicycle : Expanding permission for boarding train and bus with bicycle and parking facilities at the station and bus stop (URL) http://www.molit.go.kr/USR/WPGE0201/m_23784/DTL.jsp 3. Establishment of master plan for the dedicated district of public transportation and operating the pilot district in Seoul (URL) http://traffic.seoul.go.kr/archives/1756	
		Important Actions you will take in 2013 1. Induction of BRT system, Median bus lane system, Bus signal priority system etc. 2. Establishment of plan for the pilot project of building complex transit centers	

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“Shift” 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 type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. Conflict resolution between distributors and environmental organizations 2. Difficulty in settlement among each branches of government relating to the issues such as shrinking commercial areas, business burden 3. Dispute over estimate criteria for congestion fee and traffic-induced charge
		Examples of pilot projects and/or policies developed or under development 1. Readjustment of traffic-induced charges for large-scale distribution facilities in major cities (URL) http://www.korea.kr/policy/pressReleaseView.do?newsId=155846807 2. Promoting the project on reducing GHG emission in transportation sector (Implement master plan for sustainable national transportation-logistics development(‘11~20))	
		Important Actions you will take in 2013 1. Inducement less vehicles to pass through a city by revision of Urban Traffic Improvement promotion Act including adjustment of traffic induced charges. 2. Development integrated system for measurement, management and verification of greenhouse gas(GHG) emission	

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“Shift” 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 type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. Difficulty in securing funding in order to continuous expanding of high-speed rail by implementation of welfare-centered national policy 2. The issue of demand creation and shift into rail freight and coastal shipping
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Expanding construction of KTX(Korean Train Express(Second-phase of the project) and increasing the speed of existing rail road (URL) http://www.kr.or.kr/english/business/highspeed.vm 2. Improvement in service quality and expansion of vehicles for strengthen competitiveness in fast-growing courier business as e-commerce and home shopping is growing rapidly (URL) http://www.molit.go.kr/USR/WPGE0201/m_23784/DTL.jsp 3. Giving grants and incentives to support freight transportation shift from road to railway or coastal shipping (URL) http://www.molit.go.kr/USR/WPGE0201/m_23784/DTL.jsp	

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		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. Implement the Ho-nam High speed railroad construction project and the Double-tracked Railway inland project 2. Development of integrated ticket system for express/intercity bus and Realtime location information using GPS 3. Construction of infrastructure for nationally compatible transportation card and Expanding the range of public transportation pass uses in metropolitan area 4. Continuous expansion of Bus Rapid Transit(BRT) system connecting urban and suburban area, and operating transfer system

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III. Strategies to <u>Improve</u> 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	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: 1. Difficulty on expanding market size due to high price of electric car and insufficient technology competitiveness 2. Weak efforts of car manufacturers to be part in 3. Difficulties to establish infrastructures for supply and use due to insufficient consumer demands to electric car 4. Instability on profit-making to relevant manufacturers and investors in renewable energy
			Examples of pilot projects and/or policies developed or under development 1. To establish or expand electric car charge station in public buildings, public parking zone, major tourist attractions (URL) http://www.korea.kr/policy/pressReleaseView.do?newsId=155878806 2. A pilot project to promote car remodeling into an electric car(subsidy, R&D), car sharing campaign conducted by local governments and public organizations (URL) http://www.ekn.kr/news/articleView.html?idxno=82559	

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		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. A phase-in solar-energy, offshore wind park, renewable energy generation complex 2. To develop a technology for a reduced GHG verification system in order to dominate eco-friendly shipbuilding technology, and to promote international standardized shipbuilding technology

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“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	Any action had been taken so far? <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ol style="list-style-type: none"> 1. How to securing stable financial resources for government-led projects in order to reflect strengthening international standard, and how to encourage ordinary people to be part in its projects
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ol style="list-style-type: none"> 1. Implementation of the verification system since 2006 aimed to reduce the amount of diesel car's exhaust gas, and to verify small and middle sized truck/RV low-emitted engine (URL) http://www.aea.or.kr/Front/index.asp 	
		Important Actions you will take in 2013 <ol style="list-style-type: none"> 1. In preparation of Euro-7(effective from 2014), in-phase control system for car-emitted gas(Co2) and its standard 	

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 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 type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: <ol style="list-style-type: none"> 1. Despite of government subsidies for reducing exhaust gas, a conflict arose by diesel car owners for avoiding cost burden to install gas-reduction devices
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ol style="list-style-type: none"> 1. Induces old cars to be scrapped and provides improvement cost to diesel car owners in order to install gas-reduction devices (URL) http://www.aea.or.kr/Front/index.asp 	
		Important Actions you will take in 2013 <ol style="list-style-type: none"> 1. Induce functional improvement targeted on specific diesel cars(which exceeds exhaust gas warranty period) and provide continuous financial support 	

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“Improve” Strategy	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 type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. With the policy changes toward welfare-focused scheme, more difficulties to secure stable financial resources investing in ITS infrastructures which is classified as Social Overhead Capital(SOC) 2. The existing ITS infrastructure faced difficulties such as how to respond a rapidly changed ICT environment, how to secure financial resources for additional advancement to the invested facilities and its operation
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Building in expansion of ITS facilities such as ramp metering, CCTV/VMS, BIS/ BMS in highway, national highway and all nationwide cities (URL) http://www.itskorea.or.kr/ ; http://ucta.or.kr/en/ucity/background.php 2. A pilot project promoted on "Building Smart Highway, R&D, Technology Development." (URL) http://www.smarthighway.or.kr/smart_pro/eng/ 3. Expanding construction of ITS on national road and induction using “High-pass” to improve traffic flow (URL) http://www.molit.go.kr/print_portal.jsp?src_folder=contents-area&policy	

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		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. A National Dissemination Project promoted Advanced Traffic Management System(ATMS) and Traffic Information Center to be installed in local governments 2. A project building in expansion of ITS infrastructure on national highway and urban roadway(in a length of about 500 miles in 2013), and ITS technology expands to major u-City building projects

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Improve” Strategy	12 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 type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. Providing port logistics information without interruption from natural disasters and disability and need for systematic operation management
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Construction integrated system for port logistics information and revision of regulations related to setting up the automation system for port logistics information (URL) http://yeosu.mltm.go.kr/bbs?id=notice_01&flag=det&idx=3706&cPage=2 2. Expanding application of information system : Setting up RFID based logistics information system, offering IT based marine transportation information system (URL) http://www.molit.go.kr/print_potat.jsp?src_folder=content-area&policy	
		Important Actions you will take in 2013 1. Construction of prompt response system through operation of disaster Recovery center for Port and Logistics information in case of impediment 2. Providing new service of Port management information system(Port-MIS) and Implement of user training for business improvement	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration		
IV. <u>Cross-cutting</u> strategies				
“Cross-Cutting” 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	<p>Any action had been taken so far?</p> <input type="checkbox"/> Not yet <input type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	<p>Challenges faced in implementation:</p> <ol style="list-style-type: none"> 1. Despite of implementing ongoing projects on promoting transportation safety advancement project by central/local government, continuous fatal car accidents occurs because of drivers' excessive speed / negligence 2. The need to find and put forward comprehensive measures, which transform the existing city space/infrastructure relying on car into pedestrian/public transportation-centered city
	<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ol style="list-style-type: none"> 1. Building a groundwork to annually reduce traffic casualties by 10% To expand a supply of Digital Driving Recorder for business-use vehicles and implement Extra Traffic Safety Inspection (URL) http://eng.ts2020.kr/; http://www.koroad.or.kr/en_web/index.do 2. To provide necessary assistance to traffic accident's victims and implement relief measures for hit-and-run victims from the public side 			

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		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. Specialized rehabilitation hospital for traffic accident' victims will be built and counseling services for the family of victims will be provided 2. Comprehensive assessment to regional transportation safety, advancement project for accident black-spots (approximately 50 places)

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“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, assess the economic impacts of air pollution and noise, and devise mitigation strategies, especially aiding sensitive populations near high traffic concentrations	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some (design – piloting)</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> <ol style="list-style-type: none"> 1. Construction of low-carbon transportation system and healthy cities to minimize amount of energy consumption and GHG emissions 2. Improvement of environmental degradation of residents living in damage areas caused by traffic noise and air pollution
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ol style="list-style-type: none"> 1. Development and Commercialization of integrated technology for reduction of greenhouse gas emissions in transportation sector (URL) http://www.molit.go.kr/USR/NEWS/m_71/dtl.jsp?lcmspage=6&id=95071286 2. Establishment of the foundation for promotion of green transportation and Designation as promotion area for the pilot project (URL) http://www.molit.go.kr/USR/policyTarget/m_24066/dtl.jsp?idx=212 	
		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. Reasonable business promotion and objective performance evaluation using the management system of greenhouse gas emissions in transportation sector 2. Enforcement of Acts of supporting to improve the living environment of surrounding areas are damaged by noise of civilian airport 	

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“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 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 checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. Despite of tangible results by the efforts of reducing air pollution/GHG from the public sector, voluntary cooperation in the private sector is relatively insufficient 2. Difficulties to set regulations/measures relating to building and vehicles which is effective to reduce air pollution and GHG while assuring stability of economic/social activities
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Implemented "Total Air Pollutant Load Management in industrial sites since 2008, and about 300 businesses joined in 2012 (URL) http://www.korea.kr/policy/pressReleaseView.do?newsId=155860611 2. Implemented Emission Trading System, Clean Development Mechanism(CDM), Greenhouse Gas Inventories, Exhaust Gas Control (URL) http://eng.me.go.kr/content.do?method=moveContent&menuCode=pol_gre&categoryCode=00	

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		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. Revise laws and regulations related to Green Growth Basic Act and Clean Air Conservation Act aimed to cut vehicles' greenhouse gas 2. Expand Greenhouse Gas Inventory at a local government level, and actively promote greenhouse gas management in public organizations

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“Cross-Cutting” Strategy	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 type="checkbox"/> Some (design – piloting) <input checked="" type="checkbox"/> Largely in Place <input type="checkbox"/> Fully Completed (Please Check the box)	Challenges faced in implementation: 1. The needs to establish integrated transportation development plan with urban planning for rapid dissemination of eco-friendly transportation system 2. The needs to make diffused urban-traffic bodies/organizations into the one or cooperative system 3. The need to fully utilize Public-Private-Partnership with Private sectors in order to raise effectiveness and to lower risks caused by policy and business operation

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		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ol style="list-style-type: none"> 1. Continuous practices of comprehensive action plans(2009) for green transportation and suggestion/improvement of in-depth policy alternatives 2. Dividing responsibility between Central and local governments, Considering the supply and demand of transportation, Activating public transportation, Fund raising, Strengthening partnership with private sectors (URL) http://www.greengrowth.go.kr/?page_id=42450 3. Policies to expand "bus quasi-public operating system" in a local government, to vitalize bike riding, to establish green transportation city (URL)http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/EXTINFRA/0,,contentMDK:23186513~pagePK:64168445~piPK:64168309~theSitePK:8430730,00.html <hr/> <p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. Maintenance plan for public transportation-centered city space associated with TIOD development, and promotion/dissemination of policy which improves public transportation use 2. A pilot project encouraging and promoting green transportation with the establishment of comprehensive transportation system(public transportation-pedestrian-bike) 3. Maintenance plan promoted on green transportation city for the existing cities(Suwon, Yongin, Ulsan, etc.) with the cooperation between central-local government

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“Cross-Cutting” Strategy	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	<p>Any action had been taken so far?</p> <p><input type="checkbox"/> Not yet</p> <p><input checked="" type="checkbox"/> Some (design – piloting)</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> <ol style="list-style-type: none"> 1. Enhancement of transportation for the common people considering standard of living, income levels, accessibility etc. 2. Improvement of facilities and service of public transportation to guarantees the right to use for the mobility handicapped 3. Lack of public transportation service in rural area
		<p>Examples of pilot projects and/or policies developed or under development – include URLs where relevant</p> <ol style="list-style-type: none"> 1. Enactment of the Traffic Law for systematic promotion of traffic policy and Enhancement of the system to improve the right to use for vulnerable social group (URL) http://www.korea.kr/policy/pressReleaseView.do?newsId=155735377 2. Implement of training about the right to use of the disable for the employees in the bus companies and introduction of low-floor buses and call taxies for the disable in Seoul (URL) http://traffic.seoul.go.kr/archives/2959 	
		<p>Important Actions you will take in 2013</p> <ol style="list-style-type: none"> 1. Expanding of the project to consider the mobility handicapped at the local government level such as designation of school zones, operation of the sheriff system in subway cars 2. Expanding to supply low-floor buses to 20% in rural areas 	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Cross-Cutting” Strategy	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 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: 1. Continued investment in transportation infrastructure funding and the need for securement funding 2. Effort to improve the efficiency of transportation infrastructure such as roads
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Collecting transportation/energy/environmental tax to secure investment funds for transportation infrastructure (URL) http://www.molit.go.kr/USR/policyData/m_34681/dtl.jsp?id=331	
		Important Actions you will take in 2013 1. Adjustment the investment in inefficient sectors and validity assessment of the investment in roads 2. Intensive investment into the area need to relieve traffic congestion and adjustment of time for the project	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“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: 1. Utilization of transportation information and providing user customized service 2. Construction the foundation of various contents for transportation information
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant 1. Building up the Open-platform for transformation information in public institutions to support of distribution vitalization and utilization of transportation information for private sector 2. Improvement of integrated system through operation of National Traffic Information Center and National Transportation DB Center	
		Important Actions you will take in 2013 1. Promotion of technical efficiency by connection and adjustment of individual projects in transportation and logistics sector 2. Connection Geographic Information Open Platform and Intelligent Transportation System(ITS) and Bus Information System(BIS) and providing user customized service 3. Standardization in accordance with transportation information types, and providing standards to local governments	

Goal No.	Goal Description	Voluntary Progress/Achievements/Initiatives in Implementing Bangkok 2020 Declaration	
“Cross-Cutting” Strategy	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	Challenges faced in implementation: 1. Policy and scheme development for more effective operation in road construction/operation system
		Examples of pilot projects and/or policies developed or under development – include URLs where relevant <ol style="list-style-type: none"> 1. Taken follow-up measures aimed to set a guideline for reviewing road construction project and to develop adequate capacity (URL) http://www.molit.go.kr/USR/policyData/m_34681/dtl.jsp?id=374 2. Announce the revised version of “Sustainable management index of transportation-logistic system” for 1) assessing 2) evaluating 3) managing transportation-logistic system (URL) http://www.molit.go.kr/USR/I0204/m_45/dtl.jsp?idx=10427 3. Find ways to develop idle land such as unused road, bridge underway, etc. (URL) http://www.molit.go.kr/USR/policyData/m_34681/dtl.jsp?id=374 	
		Important Actions you will take in 2013 <ol style="list-style-type: none"> 1. To revise targeted region for traffic impact analysis/improvement measures in consideration of regional situation, and reinforce local government’s authority 2. To establish a guideline to prevent land sprawl development and implement “national territorial plan evaluation system” 	