

SUSTAINABLE TRANSPORTATION LOGISTICS DEVELOPMENT ACT

Act No. 9777, Jun. 9, 2009

CHAPTER | GENERAL PROVISIONS

Article 1 (Purpose)

The purpose of this Act is to provide for matters on the basic direction for policies on sustainable transportation logistics, in response to changes in the conditions of transportation logistics, such as climate change, energy crisis and requests for environmental protection, and the implementation and promotion of such policies, so as to lay the groundwork for the sustainable development of transportation logistics for the present and future generations, and contribute to the development of the national economy and the improvement of national welfare.

Article 2 (Definitions)

The definitions of terms used in this Act shall be as follows:

1. The term “modes of transportation” means modes of transportation under subparagraph 3 of Article 2 of the National Transport System Efficiency Act;
2. The term “transportation logistics facilities” means transportation facilities under subparagraph 4 of Article 2 of the National Transport System Efficiency Act and logistics facilities under Article 2 (1) 4 of the Framework Act on Logistics Policies;
3. The term “transportation logistics system” means operation of modes of transportation, transportation logistics facilities and transportation logistics, which have been connected systematically to effectively carry out activities related to transportation or logistics, and relevant industries or systems;
4. The term “transportation logistics operators” means persons who operate modes of transportation or manage and control transportation logistics facilities, falling under any

of the following items:

- (a) Any person who has obtained a license, permission, authorization of business related to modes of transportation or transportation logistics facilities under the Passenger Transport Service Act, the Trucking Transport Business Act, the Aviation Act, the Marine Transportation Act and other Acts or has been entrusted to conduct such business, and who has made a registration or report of such business;
 - (b) Any corporation established under the relevant Acts for operation of modes of transportation or management and control of transportation logistics facilities;
 - (c) Any person who establishes, manages or operates transportation logistics facilities.
5. The term “sustainability” means achieving harmony and balance, without wasting economic, societal, environmental, transportation, etc. resources to be used by the future generation and deteriorating the conditions thereof to meet the needs of the present generation;
 6. The term “sustainable transportation logistics system” means a transportation logistics system which achieves the development of transportation logistics, such as improving the accessibility and mobility of people, freight, etc. on the basis of sustainability;
 7. The term “mass transportation” means mass transportation under subparagraph 1 of Article 2 of the Act on the Support and Promotion of Utilization of Mass Transit System Act;
 8. The term “automobiles” means any of the following items, prescribed by Presidential Decree:
 - (a) Automobiles under subparagraph 1 of Article 2 of the Automobile Management Act;
 - (b) Construction machinery under Article 2 (1) 1 of the Construction Machinery Management Act;
 9. The term “national transportation axis” means one or several transportation routes which perform the functions of main transportation between regions;
 10. The term “public institutions” means central administrative agencies, local governments and corporations falling under any of the following items:
 - (a) Public enterprises and quasi-governmental institutions under Article 5 of the Act on the Management of Public Institutions;
 - (b) Public companies or public corporations in charge of developing, operating or managing transportation logistics facilities, from among public companies or public corporations established under the Local Public Enterprises Act;
 11. The term “modal shift” means transporting people or freight by shifting existing modes of transportation into other modes of transportation;

12. The term “fees for transportation logistics” means fares or fees paid by users of modes of transportation to relevant transportation logistics operators in return for transporting people or freight, and tolls or fees paid by users of transportation logistics facilities to relevant transportation logistics operators in return for using such facilities;
13. The term “greenhouse gases” means gases which produce the greenhouse effect in the air by absorbing or re-emitting infrared radiation, including CO₂, CH₄, N₂O, HFCs, PFCs and SF₆;
14. The term “non-motorized and carbon-free modes of transportation” means walking, bicycling, etc.;
15. The term “economical driving” means reducing the consumption of fuels or emission of greenhouse gases, etc. by improving the means, habits, behaviors, etc. of operating modes of transportation.

Article 3 (Basic Principles)

The development of a sustainable transportation logistics system shall be promoted in accordance with basic principles falling under the following subparagraphs:

1. Promoting a low-carbon transportation logistics system by reducing emission of greenhouse gases;
2. Promoting an environment-friendly transportation logistics system;
3. Promoting a transportation logistics system which saves energy and resources;
4. Improving the mobility, accessibility and safety of a transportation logistics system;
5. Securing a balance between modes of transportation, classes and regions;
6. Effectively connecting the use of land and a transportation logistics system.

Article 4 (Obligations of State, etc.)

- (1) The State and local governments shall formulate and implement comprehensive policies necessary for the development of a sustainable transportation logistics system. \
- (2) The State and local governments shall endeavor to take budgetary measures, in an effort to fulfill obligations under paragraph (1).

Article 5 (Obligations of Transportation Logistics Operators)

Transportation logistics operators shall actively take part in and cooperate in policies implemented by the State and local governments, for development of a sustainable transportation logistics system.

Article 6 (Rights and Obligations of Nationals)

- (1) All nationals shall have a right to comfortably and conveniently enjoy the benefits of a transportation logistics system as members of society.
- (2) All nationals shall strive for development of a sustainable transportation logistics system in their daily lives, such as minimizing environmental deterioration caused by activities related to transportation logistics and saving energy.
- (3) All nationals shall recognize the importance of a sustainable transportation logistics system, and cooperate in the State and local governments' policies on sustainable transportation logistics, aimed at developing a sustainable transportation logistics system.

CHAPTER II BASIC PLANS, ETC. FOR DEVELOPMENT OF SUSTAINABLE NATIONAL TRANSPORTATION LOGISTICS

Article 7 (Formulation of Basic Plans for Development of Sustainable National Transportation Logistics)

- (1) The Minister of Land, Transport and Maritime Affairs shall formulate a basic plan (hereinafter referred to as "basic plan") for development of sustainable national transportation logistics for a term of 10 years, so as to promote the development of a sustainable transportation logistics system.
- (2) Basic plans shall include the following matters:
 1. The actual conditions of and outlook of energy consumption, emission of greenhouse gases, etc. related to transportation logistics;
 2. Basic directions and objectives of a policy on sustainable transportation logistics;
 3. Measures for the development of a sustainable transportation logistics system, including popularization of mass transportation, development of environment-friendly transportation logistics facilities and promotion of modal shift;
 4. Measures for securing financial resources necessary for promoting basic plans;
 5. Other matters prescribed by Presidential Decree for the development of a sustainable transportation logistics system.
- (3) The Minister of Land, Transport and Maritime Affairs may request the heads of the relevant central administrative agencies, the Special Metropolitan City Mayor, the Metropolitan City Mayor, the Do Governor, the Governor of a Special Self-Governing Province (hereinafter referred to as the "Mayor/Do Governor") and transportation

logistics operators to submit data, so as to collect basic data necessary for formulation of basic plans.

- (4) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to formulate basic plans, draw up the framework of basic plans, hold consultations with the heads of the relevant central administrative agencies and the Mayor/Do Governor and undergo deliberation by the National Transportation Committee under Article 106 of the National Transport System Efficiency Act.
- (5) The Minister of Land, Transport and Maritime Affairs shall, when he/she formulates basic plans under paragraph (4), publicly notify such plans, as prescribed by Presidential Decree, and inform the heads of the relevant central administrative agencies and Mayor/Do Governor of such plans. In such cases, the Mayor/Do Governor shall send the basic plans to the head of a Si (including the head of an administrative city under Article 17 (2) of the Special Act on the Establishment of Jeju Special Self-Governing Province and the Development of Free International City; hereinafter the same shall apply)/Gun/Gu (referring to the head of an autonomous Gu hereinafter the same shall apply) under jurisdiction to make such plans available for the general public.
- (6) The provisions of paragraphs (4) and (5) shall apply mutatis mutandis to modifications of basic plans: Provided, That this shall not apply to modifications of minor matters prescribed by Presidential Decree.

Article 8 (Formulation of Annual Implementation Plans for Executing Basic Plans)

- (1) The Minister of Land, Transport and Maritime Affairs shall formulate and implement annual implementation plans for executing basic plans each year.
- (2) Necessary matters concerning formulation, revision and execution of annual implementation plans under paragraph (1) shall be prescribed by Presidential Decree.

Article 9 (Formulation of Plans for Development of Sustainable Local Transportation Logistics)

- (1) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun (excluding the head of a Gun in a Metropolitan City; hereinafter the same shall apply) shall formulate a plan (hereinafter referred to as “local plan”) for the development of sustainable local transportation logistics for a term of 10 years, after listening to opinions of residents and the relevant experts, as prescribed by Presidential Decree, in an effort to promote the development of a sustainable transportation logistics system in

regions under jurisdiction, in accordance with basic plans: Provided, That when the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun have formulated other plans on transportation, reflecting matters related to local plans, they are not required to separately formulate the relevant local plans after obtaining approval from the Minister of Land, Transport and Maritime Affairs.

- (2) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall, when he/she intends to formulate local plans, consult with the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun in adjacent regions in advance.
- (3) The Special Metropolitan City Mayor or the Metropolitan City Mayor shall, when he/she intends to formulate local plans, undergo deliberation by the Local Traffic Policy Deliberation Committee (hereinafter referred to as the “Local Traffic Policy Deliberation Committee”) under Article 50 (1) of the Urban Traffic Improvement Promotion Act.
- (4) When the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun formulates local plans under paragraph (1), the Special Metropolitan City Mayor or the Metropolitan City Mayor shall submit such plans to the Minister of Land, Transport and Maritime Affairs, and the head of a Si/Gun shall submit such plans to the Do Governor (including the Governor of a Special Self-Governing Province; hereinafter the same shall apply), as prescribed by Presidential Decree, before the local plans are finalized.
- (5) The Minister of Land, Transport and Maritime Affairs or Do Governor shall, when he/she has received local plans under paragraph (4), examine whether local plans are in accordance with basic plans, and may request the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun to revise the local plans, after deliberation by the National Transportation Committee or the Local Traffic Policy Deliberation Committee, in cases where local plans include matters not in accordance with basic plans, or some matters are needed to be included in plans in order to maintain the connection and integration between local plans.
- (6) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall, when he/she has received requests under paragraph (5), finalize and publicly notify local plans reflecting such requests for revisions, and make such plans available for the general public, unless any extraordinary ground exists to the contrary.

Article 10 (Formulation of Annual Implementation Plans for Executing Local Plans)

- (1) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a

- Si/Gun shall formulate annual implementation plans for executing local plans each year.
- (2) Necessary matters concerning formulation, revision and execution of annual implementation plans under paragraph (1) shall be prescribed by Presidential Decree.

Article 11 (Relationship to other Plans)

- (1) The State and local governments shall take into account the details of basic plans and local plans, when they formulate plans on the use of land or transportation logistics under the relevant Acts and subordinate statutes.
- (2) The State and local governments shall take into account the sustainability of a transportation logistics system in basic plans and local plans, when they grant permission, etc. for projects concerning transportation logistics or the use of land, promoted under the relevant Acts and subordinate statutes.
- (3) Basic plans and local plans shall be consistent with a national basic strategy or local basic strategy under the Framework Act on Sustainable Development.

Article 12 (Classification and Designation of Sustainable Transportation Logistics Zones)

- (1) The Minister of Land, Transport and Maritime Affairs shall classify and designate the whole country as transportation logistics zones (hereinafter referred to as “transportation logistics zones”) falling under the following subparagraphs so as to efficiently build and manage a sustainable logistics system:
1. Key transportation logistics zone: Any area within a distance prescribed by Presidential Decree, designated and publicly notified by the Minister of Land, Transport and Maritime Affairs, from among the national transportation axis and its adjacent areas;
 2. Urban transportation logistics zone: Any urban traffic improvement district (excluding any area designated and publicly notified as a key transportation logistics zone under subparagraph 1), the size of which is not less than the size prescribed by Presidential Decree, from among urban traffic improvement districts under Article 3 (1) of the Urban Traffic Improvement Promotion Act;
 3. Local transportation logistics zone: Any area, excluding a key transportation logistics zone under subparagraph 1 and an urban transportation logistics zone under subparagraph 2.
- (2) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to designate a key transportation logistics zone under paragraph (1) 1, undergo deliberation

by the National Transportation Committee, after consulting with the heads of the relevant central administrative agencies, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun in advance.

Article 13 (Obligations to Manage Transportation Logistics Zones)

The Minister of Land, Transport and Maritime Affairs shall establish a sustainable transportation logistics system and take measures necessary for efficiently managing such system for a key transportation logistics zone under Article 12 (1) 1, and the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall establish a sustainable transportation logistics system and take measures necessary for efficiently managing such system for an urban transportation logistics zone under Article 12 (1) 2 and a local transportation logistics zone under Article 12 (1) 3 in regions under jurisdiction.

Article 14 (Indicators or Standards for Managing Sustainability)

- (1) The Minister of Land, Transport and Maritime Affairs shall establish and publicly notify indicators (hereinafter referred to as “indicators for managing sustainability”) or standards (hereinafter referred to as “standards for managing sustainability”) aimed at measuring, evaluating or managing the sustainability of a transportation logistics system, for the development of a sustainable transportation logistics system.
- (2) The Minister of Land, Transport and Maritime Affairs shall, when he/she establishes indicators for managing sustainability or standards for managing sustainability, take into account emission of greenhouse gases caused by transportation logistics, the level of traffic congestion, energy consumption, automobile traffic volumes, capacities of transportation facilities, transportation-sharing structure and other matters prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs.
- (3) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to establish the indicators for managing sustainability or the standards for managing sustainability, undergo deliberation by the National Transportation Committee, after consulting with the heads of the relevant central administrative agencies in advance.
- (4) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may establish separate standards for managing sustainability, which are stricter than existing standards of managing sustainability, in accordance with Municipal Ordinance (referring to Municipal Ordinance of the Special Self-Governing Province in cases of the head of an administrative city under Article 17 (2) of the Special Act on the

Establishment of Jeju Special Self-Governing Province and the Development of Free International City; hereinafter the same shall apply) of the relevant local governments, when deemed necessary to do so, in consideration of the characteristics of regions.

- (5) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall, when he/she has established or revised standards for managing sustainability under paragraph (4), report the fact to the Minister of Land, Transport and Maritime Affairs without delay.

Article 15 (Investigation, Evaluation, etc. of Sustainability)

- (1) The Minister of Land, Transport and Maritime Affairs shall investigate and evaluate the sustainability of each transportation logistics system on a regular basis, as prescribed by Presidential Decree, in order to formulate and implement policies for the development of each sustainable transportation logistics system in a reasonable manner.
- (2) The Minister of Land, Transport and Maritime Affairs shall establish and operate databases, for systematic collection, analysis and provision of data used for investigation and evaluation under paragraph (1).

CHAPTER III PROMOTION OF CONVERSION TO SUSTAINABLE TRANSPORTATION LOGISTICS SYSTEM

Article 16 (Measures to Reduce Emission of Greenhouse Gases)

- (1) The State and local governments shall take measures necessary for reducing emission of greenhouse gases by converting or adjusting transportation logistics systems, in order to implement the United Nations Framework Convention on Climate Change.
- (2) The Minister of Land, Transport and Maritime Affairs shall develop a coefficient (hereinafter referred to as “greenhouse gas emissions coefficient) for calculating emission of greenhouse gases per unit of transportation logistics, in consultation with the heads of the relevant central administrative agencies, draw up the relevant data and promote a policy for the development of sustainable transportation logistics by utilizing such data.
- (3) The Minister of Land, Transport and Maritime Affairs may jointly designate and operate a dedicated organization to be in charge of a greenhouse gas emissions coefficient, in consultation with the heads of the relevant central administrative agencies, so as to

efficiently develop a greenhouse gas emissions coefficient.

- (4) Necessary matters concerning development, etc. of a greenhouse gas emissions coefficient under paragraphs (2) and (3) shall be prescribed by Presidential Decree.

Article 17 (Calculation and Management of Socioeconomic Costs)

- (1) The Minister of Land, Transport and Maritime Affairs shall calculate and announce socioeconomic costs incurred by activities related to transportation logistics each year.
- (2) The State and local governments shall preferentially consider socioeconomic costs under paragraph (1) and take measures to reduce such costs, when formulating, implementing and evaluating policies on transportation logistics.
- (3) The kind of socioeconomic costs, details, methods and procedures of calculating costs under paragraph (1) and other necessary matters shall be determined by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

Article 18 (Determination, etc. of Total Automobile Traffic Volumes)

- (1) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall determine and manage total automobile traffic volumes on main roads, etc within a transportation logistics zone under jurisdiction, as prescribed by Presidential Decree.
- (2) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may formulate a plan to reduce total automobile traffic volumes within a transportation logistics zone under jurisdiction below total automobile traffic volumes under paragraph (1) and conclude an agreement with the Minister of Land, Transport and Maritime Affairs. In such cases, the Minister of Land, Transport and Maritime Affairs may provide administrative or financial support to ensure that the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun implement the agreement.
- (3) Necessary matters concerning conclusion and implementation of agreements under paragraph (2) shall be prescribed by Presidential Decree.

Article 19 (Determination and Management of Transportation-Sharing Structure)

- (1) The State and local governments shall determine and manage a transportation-sharing structure between modes of transportation in a reasonable manner for the development of sustainable transportation logistics systems.
- (2) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall establish

implementation goals for determining a transportation-sharing structure between modes of transportation, and take measures necessary for implementation thereof, including popularization of mass transportation, promotion of modal shift and provision of economic incentives.

Article 20 (Measures for Transportation of Large and Heavy Freight)

- (1) The State and local governments shall take environment-friendly and effective transportation measures for large and heavy freight prescribed by Presidential Decree.
- (2) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may request transportation logistics operators to comply with the following measures, in order to establish measures for environment-friendly and effective transportation of large and heavy freights:
 1. Measures to designate and operate alternative modes of transportation;
 2. Measures to designate and use alternative or detouring routes;
 3. Other measures prescribed by Presidential Decree for environment-friendly and effective transportation.

Article 21 (Support for Modal Shift)

- (1) The State and local governments shall take measures to establish transfer or transshipment facilities and equipment, so as to promote modal shift.
- (2) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may recommend operators and users of transportation logistics and consignors to shift to effective modes of transportation.
- (3) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may conclude agreements on modal shift with operators and users of transportation logistics and consignors, and provide subsidies for them within a budget.
- (4) Necessary matters concerning the standards and procedures for support, including conclusion of agreements on modal shift and subsidies under paragraph (3) shall be prescribed by Presidential Decree.

Article 22 (Requests, etc. for Measures for Modal Shift)

- (1) The Minister of Land, Transport and Maritime Affairs may formulate and implement measures for modal shift, or request the competent Special Metropolitan City Mayor, the

Metropolitan City Mayor or the head of a Si/Gun to formulate and implement measures for modal shift in regions where the development of sustainable transportation logistics systems are undermined or are likely to be undermined.

- (2) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall, upon receiving requests under paragraph (1), formulate measures for modal shift, as prescribed by Presidential Decree, and submit such measures to the Minister of Land, Transport and Maritime Affairs.
- (3) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may request transportation logistics operators to take the following measures, in accordance with measures for modal shift under paragraphs (1) and (2):
 1. Addition of modes of transportation, the higher frequency of operating modes of transportation and adjustment of routes;
 2. Designation of alternative routes and transportation through alternative routes;
 3. Other measures prescribed by Presidential Decree for modal shift.

Article 23 (Supporting and Promoting Utilization of Mass Transportation)

- (1) The State and local governments shall consider the following measures for supporting and promoting the utilization of mass transportation preferentially, when formulating plans related to transportation or implementing development projects:
 1. Formulating the objective of transportation-sharing of modes of transportation;
 2. Preferential passage of mass modes of transportation under Article 10 of the Act on the Support and Promotion of Utilization of Mass Transit System Act;
 3. Financial aid for supporting mass transportation under Article 12 of the Act on the Support and Promotion of Utilization of Mass Transit System Act;
 4. Other measures prescribed by Presidential Decree for supporting and promoting the utilization of mass transportation.
- (2) Operators of mass modes of transportation under subparagraph 4 of Article 2 of the Act on the Support and Promotion of Utilization of Mass Transit System Act shall cooperate in mass transportation policies of the State and local governments, and endeavor to improve services to help citizens comfortably and safely use mass transportation.

Article 24 (Selection and Support of Exemplary Transportation Logistics Operators)

- (1) The Minister of Land, Transport and Maritime Affairs may select and reward

transportation logistics operators (hereinafter referred to as “exemplary transportation logistics operators”) who have contributed to the development of sustainable transportation logistics by actively promoting reduction of greenhouse gas emissions, and formulate other supportive policies for exemplary transportation logistics operators.

- (2) Necessary matters concerning methods and procedures for selecting exemplary transportation logistics operators and supportive policies for exemplary transportation logistics operators shall be determined by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

Article 25 (Requests, etc. for Adjusting Fees for Transportation Logistics)

- (1) The Minister of Land, Transport and Maritime Affairs may adjust fees for transportation logistics in regions, where a sustainable transportation logistics system is or is likely to be undermined by unreasonable fees for transportation logistics, and request the competent Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun to adjust fees for transportation logistics.
- (2) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun, upon receiving requests under paragraph (1), shall formulate an implementation plan, as prescribed by Presidential Decree, and submit such plan to the Minister of Land, Transport and Maritime Affairs.
- (3) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may advise transportation logistics operators (including transportation logistics operators operating modes of transportation that pass the relevant transportation logistics zones) who operate modes of transportation or manage and control transportation logistics facilities within transportation logistics zones, where a sustainable transportation logistics system is or is likely to be undermined by unreasonable fees for transportation logistics, to adjust fees for transportation logistics.

Article 26 (Development of Environment-Friendly Transportation Logistics Facilities)

- (1) The State and local governments shall take into account all the circumstances, when executing projects for establishing, expanding or maintaining transportation logistics facilities (hereinafter referred to as “projects for developing transportation logistics facilities”), to help minimize their negative impacts on the environment.
- (2) The State and local governments shall take into account environmental costs and benefits

incurred by the relevant projects, when evaluating the validity of projects for developing transportation logistics facilities.

- (3) The Minister of Land, Transport and Maritime Affairs shall establish and publicly notify guidelines on the development of environment-friendly transportation logistics facilities, as prescribed by Presidential Decree, so as to promote projects for developing environment-friendly transportation logistics facilities.
- (4) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to establish guidelines on the development of environment-friendly transportation logistics facilities under paragraph (3), consult with the heads of the relevant central administrative agencies in advance.
- (5) When the heads of public institutions intend to promote projects for developing transportation logistics facilities, they shall comply with guidelines on the development of environment-friendly transportation logistics facilities under paragraph (3).

Article 27 (Support for Development of Environment-Friendly Transportation Technology)

The State and local governments shall promote and support projects for developing environment-friendly transportation technology pursuant to relevant Acts, so as to promote the development of a sustainable transportation logistics system.

Article 28 (Support for Expanded Operation of Environment-Friendly Modes of Transportation)

The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall take the following measures to expand the operation of environment-friendly modes of transportation, in consultation with the heads of the relevant central administrative agencies, when deemed necessary for preventing global warming caused by greenhouse gases, etc. and creating comfortable transportation logistics conditions:

1. Support for environment-friendly modes of transportation, including the reduction, etc. of fees for transportation logistics;
2. Preferential treatments in granting authorization or permission for projects related to transportation logistics for purchasers of environment-friendly modes of transportation;
3. Other measures prescribed by Presidential Decree, for expanding operation of environment-friendly modes of transportation.

Article 29 (Linking with Urban Planning, etc.)

- (1) The Minister of Land, Transport and Maritime Affairs or the heads of local governments shall preferentially reflect the following matters, so as to promote the development of a sustainable transportation logistics system, such as controlling a transportation demand, when formulating urban planning under subparagraph 2 of Article 2 of the National Land Planning and Utilization Act or promoting urban planning projects under subparagraph 11 of the same Article:
 1. Promotion of mixed-use development of residential, business, public or commercial facilities and arrangement of such facilities in a living zone, to reduce a traffic distance in a city;
 2. Systematic expansion and use of non-motorized and carbon-free modes of transportation and mass transportation facilities, so as to expand environment-friendly transportation logistics facilities;
 3. Prevention of disorderly urban sprawl to reduce consumption, etc. of transportation energy;
 4. Reorganization into an urban structure aimed at a sustainable transportation logistics system.
- (2) The Minister of Land, Transport and Maritime Affairs shall formulate and publicly notify guidelines on building a city aimed at a sustainable transportation logistics system, including the following matters, so as to create urban conditions for a sustainable transportation logistics system:
 1. Basic direction for and objectives of a sustainable transportation logistics system;
 2. Indicators for managing sustainability;
 3. Selection standards for and support of regions where a sustainable transportation logistics system is to be established;
 4. Transportation demand management, such as controlling, etc. the use of passenger cars;
 5. Creation of urban conditions focused on pedestrians, bicycles and mass transportation;
 6. Arrangement and development of major facilities for building a sustainable transportation logistics system;
 7. Other matters prescribed by Presidential Decree.
- (3) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to formulate guidelines on building a city aimed at a sustainable transportation logistics system under paragraph (2), consult with the heads of the relevant central administrative agencies in advance.

- (4) Any person who intends to formulate urban planning under subparagraph 2 of Article 2 of the National Land Planning and Utilization Act or promotes an urban planning project under subparagraph 11 of the same Article shall, when he/she establishes or revises urban planning or promotes an urban planning project, comply with guidelines on building a city aimed at a sustainable transportation logistics system under paragraph (2).

Article 30 (Restrictions on Use of Automobiles)

- (1) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may restrict the use of automobiles in special areas for countermeasures designated under Article 41 (1), in consideration of automobile traffic volumes, emission of greenhouse gases or the level of traffic congestion.
- (2) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to restrict the use of automobiles under paragraph (1), undergo deliberation by the National Transportation Committee after holding consultations with the heads of the relevant administrative agencies.
- (3) The provisions of paragraph (1) shall not apply to cases where the use of automobiles is restricted under other Acts and subordinate statutes.
- (4) Necessary matters concerning procedures and methods, etc. for restricting the use of automobiles, except as otherwise prescribed in paragraphs (1) through (3), shall be determined by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

CHAPTER IV ENCOURAGING WIDER USE OF NON-MOTORIZED AND CARBON-FREE MODELS OF TRANSPORTATION

Article 31 (Formulation of Comprehensive Plans for Encouraging Wider Use of Non-Motorized and Carbon-Free Modes of Transportation)

- (1) The Minister of Land, Transport and Maritime Affairs shall formulate comprehensive plans for encouraging wider use of non-motorized and carbon-free modes of transportation (hereinafter referred to as “comprehensive plans”) for a term of five years, in order to reduce greenhouse gas emissions from modes of transportation using power, including automobiles, etc. and shift to an environment-friendly and energy-saving transportation logistics system by increasing the transport share of non-motorized and

carbon-free modes of transportation.

- (2) Comprehensive plans shall include the following matters:
 1. Analysis of and outlook for non-motorized and carbon-free modes of transportation;
 2. Basic direction for and objectives of non-motorized and carbon-free transportation policies;
 3. Measures to increase the transport share of non-motorized and carbon-free modes of transportation;
 4. Measures to develop non-motorized and carbon-free transportation systems and promote the use thereof;
 5. Measures to secure financial resources necessary for promoting comprehensive plans;
 6. Other matters prescribed by Presidential Decree to encourage the wider use of non-motorized and carbon-free modes of transportation.
- (3) The Minister of Land, Transport and Maritime Affairs may request the heads of the relevant central administrative agencies or a Mayor/Do Governor to submit blueprints for each jurisdiction, necessary for formulating comprehensive plans.
- (4) The heads of the relevant central administrative agencies or a Mayor/Do Governor, upon receiving requests under paragraph (3), shall comply with such requests unless any justifiable ground exists to the contrary.
- (5) The Minister of Land, Transport and Maritime Affairs shall formulate comprehensive blueprints based on blueprints for each jurisdiction submitted under paragraph (3), hold consultations with the heads of the relevant central administrative agencies and finalize comprehensive plans after deliberation by the National Transportation Committee.
- (6) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to revise comprehensive plans finalized under paragraph (5), undergo deliberation by the National Transportation Committee, after consultations with the heads of the relevant administrative agencies: Provided, That this shall not apply to cases where minor matters prescribed by Presidential Decree are revised.
- (7) The Minister of Land, Transport and Maritime Affairs shall, when comprehensive plans are finalized or revised, notify the heads of the relevant administrative agencies of the fact and make public notification thereof.

Article 32 (Formulation of Annual Implementation Plans for Executing Comprehensive Plans)

- (1) The Minister of Land, Transport and Maritime Affairs shall formulate annual implementation plans each year, as prescribed by Presidential Decree, so as to execute comprehensive plans.

- (2) The provisions of Article 31 (3) and (4) shall apply mutatis mutandis to requests, etc. for submission of data necessary for formulating or revising annual implementation plans under paragraph (1).

Article 33 (Support for Development of Non-Motorized and Carbon-Free Modes of Transportation)

The State and local governments shall promote and support projects for developing non-motorized and carbon-free modes of transportation under the relevant Acts, so as to promote the development of non-motorized and carbon-free modes of transportation.

Article 34 (Support, etc. for Securing Facilities for Connecting Modes of Transportation)

- (1) The Minister of Land, Transport and Maritime Affairs or a Mayor/Do Governor shall, when promoting projects for developing railway stations, bus terminals, harbors, airports, etc. prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs, secure facilities for connecting modes of transportation, transfer facilities or transshipment facilities, so as to minimize inconvenience in using non-motorized and carbon-free modes of transportation.
- (2) The Minister of Land, Transport and Maritime Affairs or a Mayor/Do Governor shall check whether facilities for connecting modes of transportation under paragraph (1) are secured, when granting authorization or approval of projects for developing railway stations, bus terminals, harbors, airports, etc. prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs.
- (3) Standards for installing facilities for connecting modes of transportation, etc. under paragraphs (1) and (2) shall be publicly notified by the Minister of Land, Transport and Maritime Affairs, after consultations with the relevant administrative agencies.

Article 35 (Promoting Non-Motorized and Carbon-Free Transportation Culture)

The State and local governments shall promote policies for promoting non-motorized and carbon-free transportation culture, such as education and public relations, as prescribed by Presidential Decree, so as to encourage the use of non-motorized and carbon-free modes of transportation.

Article 36 (Basic Direction for Policies on Pedestrian Traffic)

- (1) The State and local governments shall formulate and promote policies to encourage

pedestrian traffic as a non-motorized and carbon-free transportation mode aimed at reducing automobile traffic volumes and emission of greenhouse gases.

- (2) The State and local governments shall, when establishing facilities influencing pedestrian traffic or promoting policies on pedestrian traffic, comprehensively take into account the convenience of mobility and accessibility for pedestrians, or the comfort and fine views of a pedestrian environment.

Article 37 (Surveys, etc. of Actual State of Pedestrian Traffic)

- (1) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall conduct a survey on the actual state of pedestrian traffic, such as pedestrian population or changes in pedestrian conditions, etc. so as to improve pedestrian traffic every five years.
- (2) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall establish indicators for improvements in pedestrian traffic by area or region, on the basis of a survey under paragraph (1) every five years.
- (3) The Minister of Land, Transport and Maritime Affairs shall prepare, publicize and distribute comprehensive indicators to improve pedestrian traffic, by integrating improvement indicators under paragraph (2).
- (4) The Minister of Land, Transport and Maritime Affairs may establish guidelines necessary for efficiently and systematically promoting the establishment of improvement indicators under paragraph (2), and provide such guidelines to the heads of the relevant administrative agencies.
- (5) Matters necessary for establishing indicators for improvements in pedestrian traffic under paragraphs (2) and (3) shall be prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs or Municipal Ordinance, respectively.

Article 38 (Formulation of Plans for Improving Pedestrian Traffic)

- (1) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall formulate plans for improving pedestrian traffic (hereinafter referred to as “improvement plans”), as prescribed by Presidential Decree, and the Special Metropolitan City Mayor or the Metropolitan City Mayor shall obtain approval from the Minister of Land, Transport and Maritime Affairs, and the head of a Si/Gun shall obtain approval from the Governor of a Special Self-Governing Province.
- (2) Improvement plans shall include the following matters:
 1. Basic direction for improving pedestrian traffic;

2. Objectives of transportation sharing of pedestrian traffic;
3. Analysis of and outlook for pedestrian traffic;
4. Measures to improve pedestrian traffic;
5. Other matters necessary for improving pedestrian traffic.

Article 39 (Pedestrian Traffic Watchdog)

- (1) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun may appoint transportation experts, members of relevant corporations or organizations and citizens as pedestrian traffic watchdog, for suggestions or instructions for improving pedestrian traffic in regions under their jurisdiction.
- (2) Necessary matters, such as qualifications for keepers of pedestrian traffic, methods of appointment, scope of activities, etc. under paragraph (1) shall be prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

Article 40 (Days for Pedestrians)

- (1) The State may designate days for pedestrians and hold necessary events, so as to raise the national awareness of the importance of improving pedestrian transportation.
- (2) Necessary matters, such as details and periods of events held to be on days for pedestrians under paragraph (1), shall be prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

CHAPTER V DESIGNATION AND MANAGEMENT OF SPECIAL AREAS FOR COUNTERMEASURES

Article 41 (Designation of special areas for countermeasures)

- (1) The Minister of Land, Transport and Maritime Affairs shall designate the whole or part of the relevant transportation logistics zones as special areas for countermeasures (hereinafter referred to as “special areas for countermeasures”) for improving indicators for managing sustainability, when indicators for managing sustainability in transportation logistics zones meet requirements prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs, such as frequent failures to satisfy the standards for managing sustainability, and therefore it is deemed difficult to maintain a sustainable transportation logistics system at an appropriate level.
- (2) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to

designate special areas for countermeasures, hold consultations with the heads of the relevant central administrative agencies, the competent Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun and undergo deliberation by the National Transportation Committee. This shall also apply to cases where he/she intends to revise designated special areas for countermeasures (excluding revisions to minor matters prescribed by Presidential Decree).

- (3) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to designate or revise special areas for countermeasures under paragraphs (1) and (2), listen to the opinions of residents or relevant experts, as prescribed by Presidential Decree: Provided, That this shall not apply to cases where minor matters prescribed by Presidential Decree are revised.
- (4) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to designate or revises special areas for countermeasures under paragraphs (1) and (2), publicly notify location and size of regions, date and purposes of designation or other matters prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

Article 42 (Formulation and Implementation of Special Comprehensive Measures)

- (1) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall formulate and implement special comprehensive measures (hereinafter referred to as “special comprehensive measures”) for satisfying indicators for managing sustainability for special areas for countermeasures under their jurisdiction.
- (2) Special comprehensive measures shall include the following matters:
 1. Basic direction for special comprehensive measures;
 2. Implementation goals of indicators for managing sustainability;
 3. Measures to manage total automobile traffic volumes under Article 18;
 4. Measures to improve transportation-sharing structures between modes of transportation under Article 19;
 5. Measures for transportation of large and heavy freight under Article 20;
 6. Measures for modal shift under Article 22;
 7. Measures for supporting and promoting the use of mass transportation under Article 23;
 8. Adjustment of fees for transportation logistics under Article 25;

9. Measures for securing financial resources to promote special comprehensive measures;
10. Other matters prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs, for formulation and implementation of special comprehensive measures.
- (3) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to formulate special comprehensive measures under paragraph (1), undergo deliberation by the National Transportation Committee, after consultations with the heads of the relevant central administrative agencies, the competent Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun. This shall also apply to cases where he/she intends to revise special comprehensive measures (excluding revisions to minor matters prescribed by Presidential Decree).
- (4) The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall, when he/she intends to formulate special comprehensive measures under paragraph (1), obtain approval from the Minister of Land, Transport and Maritime Affairs, after consultations with the related Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun.
- (5) The Minister of Land, Transport and Maritime Affairs shall, when he/she intends to approve special comprehensive measures under paragraph (4), consult with the heads of the relevant central administrative agencies, and when he/she has approved special comprehensive measures, he/she may notify the heads of the relevant central administrative agencies of the special comprehensive measures and request them to take necessary steps. In such cases, the heads of the relevant central administrative agencies shall comply with such requests, unless any justifiable ground exists to the contrary.
- (6) When the Minister of Land, Transport and Maritime Affairs has formulated special comprehensive measures, or the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun has obtained approval from the Minister of Land, Transport and Maritime Affairs after formulating special comprehensive measures, he/she shall publicly notify the fact, as prescribed by Presidential Decree, and notify the relevant administrative agencies thereof.

Article 43 (Transportation Demand Management, etc. in Special Areas for Countermeasures)

- (1) The Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall take the following measures, for transportation demand management, etc. in special areas for

countermeasures:

1. Collection and imposition of congestion fees under Article 35 of the Urban Traffic Improvement Promotion Act;
 2. Collection and imposition of traffic congestion charges under Article 36 of the Urban Traffic Improvement Promotion Act;
 3. Implementation of Projects for Intelligent Transportation System under Article 77 of the National Transport System Efficiency Act;
 4. Measures for a preferential passage of modes of mass transportation under Article 10 of the Act on the Support and Promotion of Utilization of Mass Transit System Act.
- (2) Necessary matters, such as methods, procedures, etc. for promoting measures for transportation demand management under paragraph (1), shall be determined by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

Article 44 (Reporting Outcomes of Implementing Special Comprehensive Measures)

The Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun shall report outcomes of implementing special comprehensive measures to the Minister of Land, Transport and Maritime Affairs, as prescribed by Presidential Decree.

Article 45 (Revoking Designation of Special Areas for Countermeasures)

- (1) The Minister of Land, Transport and Maritime Affairs shall revoke designation of special areas for countermeasures, when indicators for managing sustainability have been satisfied due to the formulation and implementation of special comprehensive measures for special areas for countermeasures, or the purpose of designating special areas for countermeasures has become irrelevant due to natural disasters or other grounds.
- (2) The provisions of Article 41 (2) and (4) shall apply mutatis mutandis to revoking designation of special areas for countermeasures under paragraph (1).

CHAPTER VI SUPPLEMENTARY PROVISIONS

Article 46 (Educational Training, Fostering Human Resources, etc.)

- (1) The Minister of Land, Transport and Maritime Affairs may provide educational training to transportation logistics operators, etc. when necessary for shifting into a sustainable transportation logistics system, such as reduction, etc. of emission of greenhouse gases.

- (2) The Minister of Land, Transport and Maritime Affairs may designate graduate schools or graduate school universities or colleges, which meet the standards prescribed by Presidential Decree, among graduate schools under Article 29 of the Higher Education Act and graduate school universities or colleges under Article 30 of the same Act, as graduate schools specialized in low-carbon green transportation logistics, so as to foster human resources specialized in sustainable transportation logistics.
- (3) The Minister of Land, Transport and Maritime Affairs may provide support necessary for operating graduate schools specialized in low-carbon green transportation logistics designated under paragraph (2).
- (4) Necessary matters concerning persons subject to educational training, details of educational training under paragraph (1) and designation, support, etc. of graduate schools specialized in low-carbon green transportation logistics under paragraphs (2) and (3) shall be prescribed by Presidential Decree.

Article 47 (Promotion of International Cooperation)

- (1) The Minister of Land, Transport and Maritime Affairs shall formulate policies to promote international cooperation between the Government, enterprises, universities, research institutes, other institutions, organizations, etc. of the Republic of Korea and the international organizations or foreign governments, enterprises, universities, research institutes, other institutions, organizations, etc. in the area of sustainable transportation logistics, including policies on environment-friendly transportation logistics, etc.
- (2) The Minister of Land, Transport and Maritime Affairs may promote the following projects, so as to promote international cooperation under paragraph (1):
 1. Survey and research for international cooperation in the area of sustainable transportation logistics;
 2. International exchanges of human resources and information in the area of sustainable transportation logistics;
 3. Opening of exhibitions and seminars in the area of sustainable transportation logistics;
 4. Collection, analysis and distribution of information on the international regulations on greenhouse gas emissions, etc. in the area of transportation logistics;
 5. Other projects deemed necessary for promoting international cooperation.

Article 48 (Education and Public Relations of Economical Driving)

- (1) The State and local governments shall develop and distribute educational programs on economical driving and promote various public relations, so as to reduce fuel

consumption in the area of transportation and emission of greenhouse gases.

- (2) The Minister of Land, Transport and Maritime Affairs may designate educational centers for economical driving, as prescribed by Presidential Decree, so as to facilitate the education and public relations of economic driving.
- (3) Necessary matters concerning standards, procedures, methods, etc. for designating educational centers for economical driving shall be prescribed by Ordinance of the Ministry of Land, Transport and Maritime Affairs.

Article 49 (Low-Carbon Green Transportation Logistics Promotion Association)

- (1) Transportation logistics operators, persons engaged in learning and research related to transportation logistics, or other persons prescribed by Presidential Decree may establish the Low-Carbon Green Transportation Logistics Promotion Association (hereinafter referred to as the “Association”), for survey, research, technology development, education, public relations, etc. of low-carbon green transportation logistics.
- (2) The Association shall be a juristic person.
- (3) Costs incurred in implementing projects of the Association may be covered by membership fees paid by members, including transportation logistics operators, and proceeds from projects, and the State and local governments may partially subsidize the costs within a budget.
- (4) Necessary matters concerning the tasks, bylaws, etc. of the Association shall be prescribed by Presidential Decree.
- (5) The provisions of an incorporated association in the Civil Act shall apply mutatis mutandis to the Association, except as otherwise prescribed in this Act.

Article 50 (Supporting Projects for Improving Sustainable Transportation Logistics System)

- (1) The State may wholly or partially subsidize or finance necessary costs within a budget, when financial support is deemed necessary, in cases where local governments or transportation logistics operators implement any of the following projects:
 1. Implementation of special comprehensive measures;
 2. Management of total automobile traffic volumes in accordance with voluntary agreements under Article 18;
 3. Projects for improving the transportation-sharing structure between modes of transportation under Article 19;
 4. Support for establishing transfer or transshipment facilities and equipment for

promotion of modal shift under Article 21;

5. Other projects prescribed by Presidential Decree for the development of a sustainable transportation logistics system.

- (2) The State may provide tax support to transportation logistics operators who take part in projects, etc. for improving a sustainable transportation logistics system, and developers or purchasers of environment-friendly modes of transportation in accordance with tax laws.

Article 51 (Delegation or Entrustment of Authority)

- (1) The authority of the Minister of Land, Transport and Maritime Affairs under this Act may be delegated, in part, to the Mayor/Do Governor, as prescribed by Presidential Decree.
- (2) Some of the tasks of the Minister of Land, Transport and Maritime Affairs under this Act may be entrusted to public investment institutions and government-invested institutions or the relevant corporations or organizations, as prescribed by Presidential Decree.

Article 52 (Fines for Negligence)

- (1) Any person who violates restrictions on the use of automobiles under Article 30 (1) shall be punished by fines for negligence not exceeding three million won.
- (2) Fines for negligence under paragraph (1) shall be imposed and collected by the Minister of Land, Transport and Maritime Affairs, the Special Metropolitan City Mayor, the Metropolitan City Mayor or the head of a Si/Gun, as prescribed by Presidential Decree.

ADDENDA <Act No. 9777, Jun. 9, 2009>

- (1) (Enforcement Date) This Act shall enter into force six months after the date of its promulgation.
- (2) Omitted.