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Ministry of the Environment (MOE), Japan
Partnership on Sustainable, Low Carbon Transport,
United Nations Economic and Social Commission for Asia and the Pacific, and
United Nations Office for Sustainable Development**

**TENTH REGIONAL ENVIRONMENTALLY SUSTAINABLE TRANSPORT (EST)
FORUM IN ASIA,
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**Country Presentation
(Japan)**

(Presentation for EST Plenary Session 7: of the Provisional Programme)

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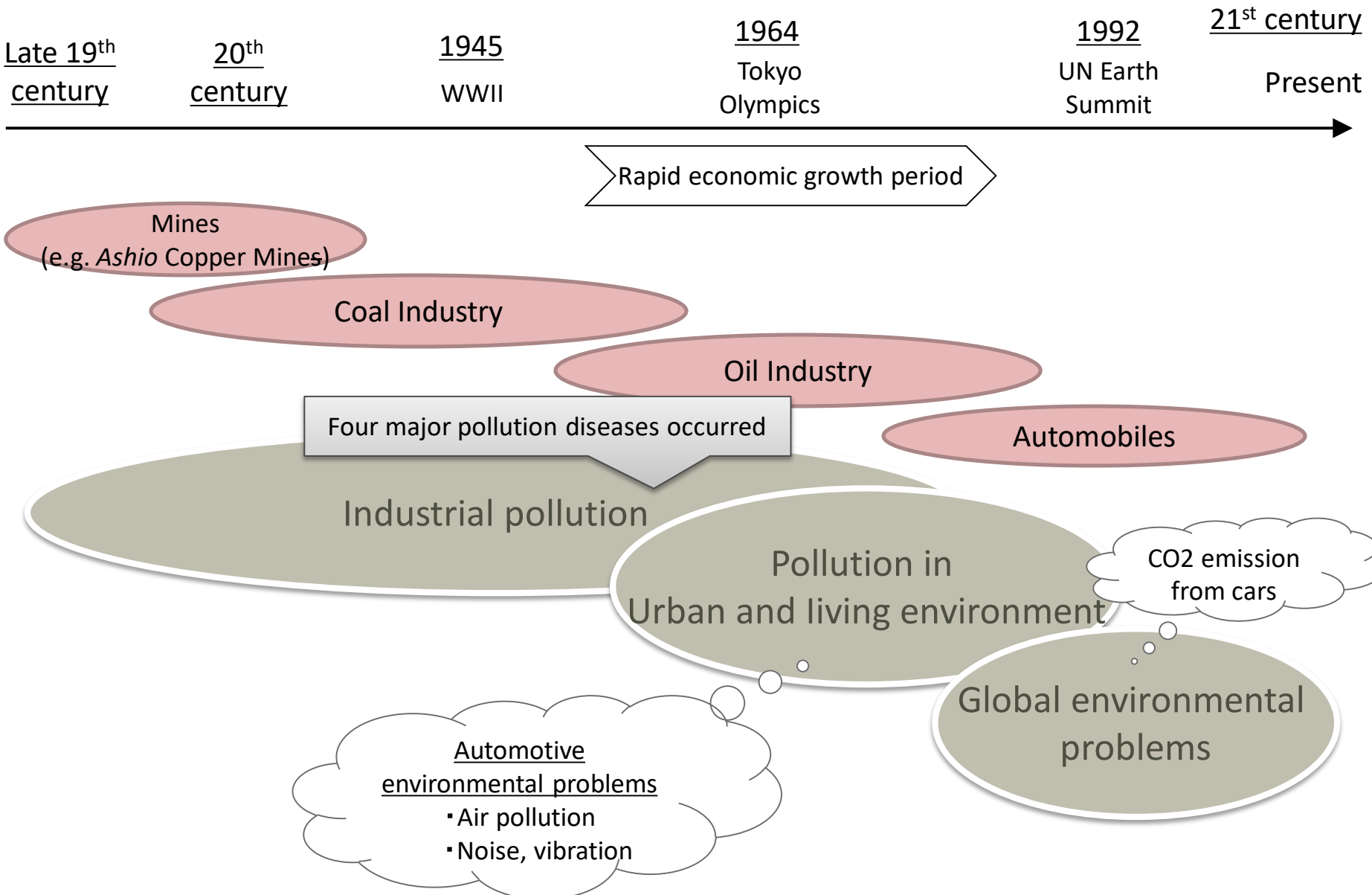
The progress of EST in Japan

~based on Japanese country report by MOE and MLIT~

March 15, 2017

Ministry of the Environment, Japan

History of Environmental Problems in Japan



The progress of EST: "Avoid" Strategy

Goal Description	Examples of pilot projects and/or policies developed or under development
1. Land-use and transport planning 【Largely in Place】	<p>(1) "Comprehensive urban and regional transport strategy"</p> <p>established: 80 areas, under development : 6 areas Among them, certified by the Minister of MLIT : 52 areas (as of April 2016)</p>
	<p>(2) "Low Carbon City Plan"</p> <p>-based on "the Low Carbon City Act"</p> <p>established: 22 plans (as of July 2016)</p>
	<p>(3) "Regional Public Transport Network Formation Plan"</p> <p>-based on "the Law on activation and regeneration of local public transport"</p> <p>established: 55 plans (as of September 2015)</p>

The progress of EST: "Shift" Strategy

Goal Description	Examples of pilot projects and/or policies developed or under development
<p>4. Non-Motorized Transport</p> <p>【Largely in Place】</p>	<p>(1) The Promotion of Upgrading Transport Nodes - Shinjuku St. etc.</p> <p>(2) Active Use of Bicycle - support the organizing program for bicycle network planning etc. - support community cycle business</p>
<p>5. Public transport</p> <p>【Largely in Place】</p>	<p>(1)Promotion of using public transportation - support for the adoption of LRT, BRT, etc.</p> <p>(2)Interoperation as well as expansion of various Public Transport IC Card</p>
<p>6. Transportation Demand Management</p> <p>【Largely in Place】</p>	<p>(1)To improve transport efficiency and standardize traffic volume - Park & Ride , enhancing the provision of information , etc.</p> <p>(2)TDM Operation Test - Promotion of using public transportation , improving the efficiency of distribution system in urban areas , etc.</p>
<p>7. Inter-city passenger and goods transport</p> <p>【Largely in Place】</p>	<p>(1)Support to promote the relevant measures - CO2 reduction measures in logistics sector - Low Carbonized large-sized vehicles etc.</p> <p>(2)Steadily construction of Shinkansen Network</p>

The progress of EST: "Shift" Strategy

Upgrading Transport Nodes in Shinjuku



-Users of this exit
:430,000 people a day
-Pedestrian of this
bridge
:140,000 people a day



-2,400 trains pass
a day



-60,000 traffic a
day on Route 20

1. No station square
-The occurrence of traffic
congestion and minor accident
-Lack of capacity of sidewalk on
Route 20

2 Getting more serious
sidewalk scarcity by new
Tokyo Metro line

3. Obsolete bridge over
railway
-Built in 1925
-Safety hazard against
earthquake

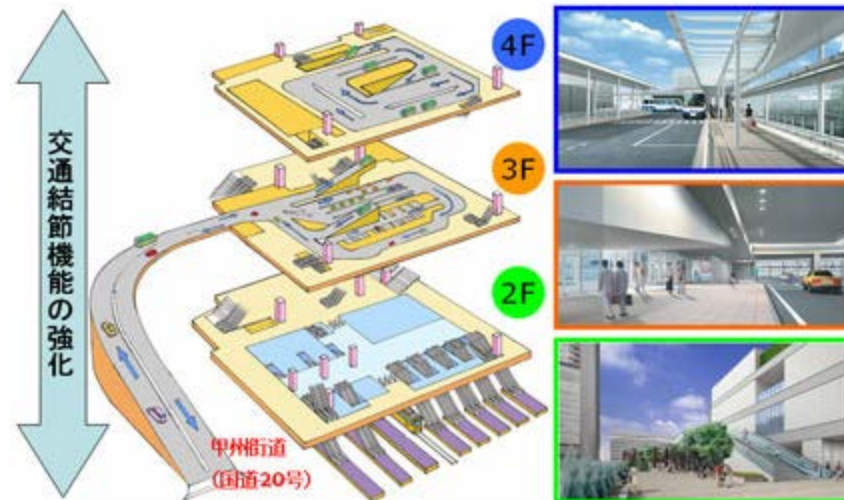
The progress of EST: "Shift" Strategy

Upgrading Transport Nodes in Shinjuku

1 The space was reborn as an integrated transport nodes that generate smooth linkages for trains, taxis and busses.



2 It also provided elderly and disabled people friendly place of relaxation and comfort



- 【4F】 Express bus-related facilities
- 【3F】 The bay for taxi and private passenger vehicles
- 【2F】 pedestrian space station facilities

The progress of EST: "Improve" Strategy

Goal Description	Examples of pilot projects and/or policies developed or under development
8. Transport fuels and technologies 【Largely in Place】	(1) The Government aims to capture 50-70% of next-generation automobiles to total new car sales by 2030 *FCVs: introduced in December 2014 *the nationwide equipped Target of fuel supply stations derived from renewable energy by FY2019:about 100
9. Standards 【Largely in Place】	(1)The global harmonization of vehicle emissions regulations -Planning to Introduce WMTC and WHDC in 2016 , (2)Study on forthcoming fuel cost standard for heavy-duty vehicles
10. Inspection and maintenance 【Largely in Place】	(1)Vehicle Registration and Inspection System(Fully Completed) (2)Measures based on the Automobile NOx-PM Law
11. Intelligent Transportation Systems 【Largely in Place】	(1)ETC2.0 -expansion of new services such as utilizing the routing information gathered through ITS spots , adding to avoid traffic jams and safety drive supporting services.
12. Freight transport 【Largely in Place】	(1)ACT on Advancement of Integration and Streamlining of Distribution Business

The progress of EST: "Cross-Cutting" Strategy

Goal Description	Examples of pilot projects and/or policies developed or under development
13. Safety 【Largely in Place】	(1) Measures to prevent traffic accidents ex)Speed Bump etc. (2) Automobile liability security system
15. Air quality and noise 【Largely in Place】	(1)Constant monitoring of Air Pollution by Local Governments under Air Pollution Control Law (2) Constant monitoring of Motor vehicle Traffic Noise by Local Government under Noise Regulation Law
16. Global climate change and energy security 【Largely in Place】	(1)National Communication (2)GHGs Inventory
17. Social equity 【Largely in Place】	(1)Promotion of making public transport facilities and buildings barrier-free, "psychologically barrier-free" society, etc.
19. Information and awareness 【Largely in Place】	(1)Promotion of "Smart Move", Eco-driving, and creating of EST database, etc.
20. Institutions 【Largely in Place】	(1)Research for Reduction of CO2 Emissions in Road Transportation (2)Research of Implementation and Promotion of Life Cycle Assessment of Social Capital

Thank you for your attention.

