

Outline of Low Carbon City Development



1. Background

Social and Economic Constraints in Japan

As an aging society with declining birthrate, it is imperative to promote reforming city structure so that the elderly as well as child-raising generations can enjoy safe, secure and comfortable life style.

While fiscal deterioration is expected in the long run, maintenance and renewal cost of over-grown infrastructure stock, and recurring cost for public service, such as social welfare and sanitation, weigh heavily. It is an urgent task for cities to cut down such costs and make investments for future.

Also considering the impact of urban activities on global warming, now is the time to reform cities and regions, and make cities and regions sustainable and livable.



Direction for Urban Development

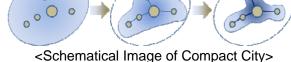
Responding to those constraints in above, we need to start making cities compact, by placing services for daily needs close to where people live, so that residents do not have to rely too much on personal vehicles, rather access them using public transport.

Existing city centers and areas where urban services are already concentrated will serve as city

0

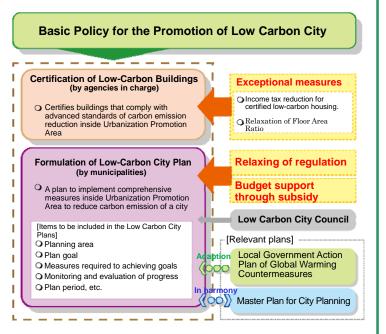
cores and sub-cores, and residential areas will be placed on the periphery. City cores and

sub-cores will be connected via public transport.



2. Low Carbon City Act

Low Carbon City Act was enacted to help local governments tackle urban problems and realize the "Compact Cites", in close cooperation with citizens and private sectors. The act introduces new perspectives to urban development, such as life styles friendly to global environment, and life styles adjusted to aging society.



Low Carbon City Plan is designed to show municipality's future vision along with specific measures towards achieving it. The plan will guide the efforts by local governments and citizens, while promoting private investments that contribute to the plan. As a first step towards realizing a Compact City, plans are tailored for each municipality, expected to be made of locally inspired ideas.

Features

• Low Carbon City Plan is a new initiative to make city planning and public transport policies in an integrated manner so that various measures can be carried out comprehensively.

.....

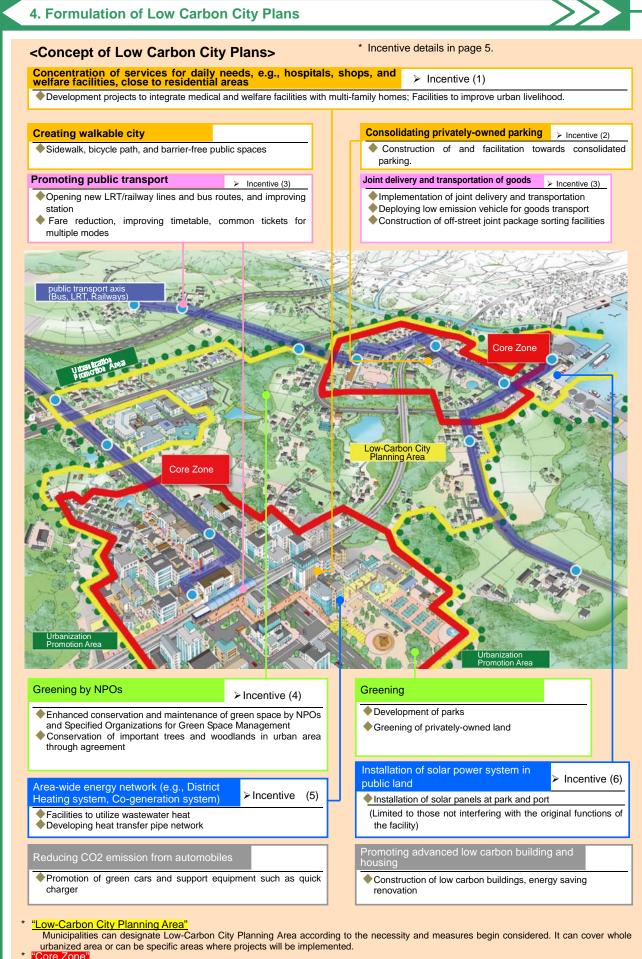
.....

- Low Carbon City Plan provides a new cooperative framework, where private sector and citizens play more active role, supported by municipalities.
- Low Carbon City Plan is flexibly adjustable to each city in different size and population.

Low Carbon City Council

As stakeholders shall work cooperatively and proactively, holding active and candid discussions within themselves, Low Carbon City Councils can be set up by municipality to facilitate discussion for planning and coordination for implementation. The council can utilize existing framework for similar purposes.





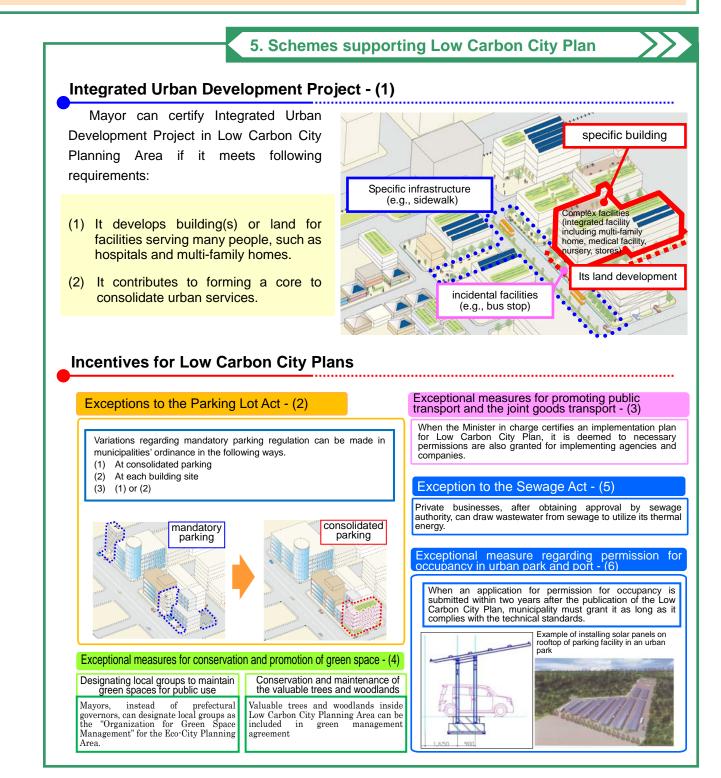
Core Zone for Consolidated Urban Services will be designated inside the Low-Carbon City Planning Area, where consolidation of urban services are planned.

Planning Area (*Required)

Low Carbon City Planning Area can be designated inside Urbanization Promotion Areas and Land Use Zones, where it is appropriate to implement comprehensive measures for making the city a low-carbon city.

Plan Goals

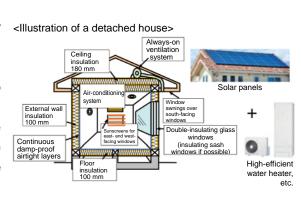
Plan goal provides future vision of the city, which the plan aims to achieve. It is encouraged to include quantitative indicator(s) so that overall progress towards the target can be properly monitored.



Low carbon building certification

After a building is certified as a low carbon building by municipality, the building becomes eligible for incentives, including the reduction of income tax, and the exclusion from Floor Area Ratio for the floor areas pertaining to relevant equipment.

In order to be certified, the energy consumption of the building needs to be reduced by more than 10% of the energy saving standard, and it also needs to include certain measures to contribute to making low carbon city.



Published in 2014 Ministry of Land, Infrastructure, Transport and Tourism For inquiries, Urban Environment Planning Office, City Planning Division, City Bureau 1-3 Kasumigaseki 2-chome, Chiyoda-ku, Tokyo 100-8918 Japan Tel: 81-3-5253-8111 (Ext. 32667) Fax: 81-3-5253-1590 E-mail: tokei@mlit.go.jp http://www.mlit.go.jp/toshi/city_plan/eco-machi.html