



Opiral Opiral

orogans

Hiroto Kikuno

Environmental Planning Section Eco-City Promotion Department Environmental Bureau City of Sapporo, JAPAN



SAPP_RO

Sapporo's Location



Average temperatures and precipitation







Average snowfall :about 5m in a winter

The Cityscape of Sapporo



Greenhouse Gas(GHG) Emissions in Sapporo



Sapporo Smart City Project

Concept ~ "From Saving to Enjoying"

The objective is that the City of Sapporo will become a "smart city", where everyone has a "smart life" ,meaning conserving energy smartly, enjoyably and without waste .



Posters of promotion



We used Mr. Akimoto, Mayor of Sapporo and Ms. Tanaka, the Japanese popular model living in Sapporo as the messengers to make energy conservation appealing.

Talk show











Logo

はじめよう、省エネ・節電を楽しむ暮らし方。

Let's スマート!

さっぽろスマートシティ プロジェクト



Sapporo Energy Eco Project

A support system for city residents and small/mid-sized businesses toward the introduction of new-energy and energy-saving equipment

 \rightarrow Promotion to encourage the introduction of units for the generation of solar energy and other types of power

O For city residents

•Eco Subsidies: five calls for applications in fiscal 2016 (six if funds permit) *Subsidy amounts depend on target equipment (solar power: 45,000 yen/kW, up to 180,000 yen)

O For small/mid-sized businesses

•Eco Subsidies: granted to all applicants responding to six calls for applications in fiscal 2016

*10% of construction costs (at least 1 million yen excluding tax); upper limit: 1.5 million yen

Examples of target equipment







The efforts for renewable energy



Support for next generation automobiles & A project for establishing eco-driving habits

Project supporting the introduction of next generation automobiles

	Number of automobiles owned	Next generation automobiles
City-wide	About 1,000,000	About 70,000
Official vehicles	About 1,700	About 220

(As of March 2016)



• 10% of the difference in cost between general cars and next generation cars will be subsidised.

The difference in cost varies by car type. (Calculations are based on the national public prices)





Establishing Eco-driving Habits Promotional Project

We promote eco-driving habits in citizens and businesses by holding workshops, simulation experiences to learn about the effectiveness of eco-driving, and advising one's driving habits after a diagnose and analysis.



Eco-driving workshop



Experiencing the effectiveness of eco-driving



Advising after a diagnosis & analysis of driving habits

Reference:

Solar power system installation at municipal facilities

A program of solar power system installation in municipal facilities has been run since 1998 to introduce, encourage the spread of and promote renewable energy and to enable the use of these systems for environmental education.

As of the end of FY 2015, systems had been installed in 196 municipal facilities including 149 schools.

*Total generation capacity: approx. 2,701 kW

In FY 2015, solar power systems were installed in 14 facilities, the Kitashiroishi Liaison Center and 13 schools.



Thank you



The environmental characters in Sapporo