

The Challenge of Achieving arGarbon Neutral Society

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Fukuoka: the Livable City







FY2013 FY2014 FY2015 FY2016 FY2017 FY2018 FY2019



1 Utilising city resources

2 Implementing new technology

③ Creating partnerships

Converting City Resources to Energy

Rooftops

•Tap water

• Waste

Domestic wastewater

Rooftop Solar Energy



Solar energy generated in Fukuoka City Enough to power approx. 68,000 households for 1 year (234.75 million kWh) (FY2020) CO₂ reduced: approx. 87,000 tons/year



Hydroelectric Power Facilities



Utilising Heat from Waste Incineration



Utilising Sewerage Resources



(1) Utilising city resources

2 Implementing new technology

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Hydrogen Leader City Project



Hydrogen Leader City Project

Expanding the Use of Hydrogen Energy

2020 Fuel-cell power truck



Social Experiment: Next Generation Mobility Drone Logistics



Social Experiment: Next Generation Mobility

PoC Share Electric Scooter



Working on new traffic rules

Experimenting on public roads

(2020.10.20 - 2022.7.31)



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Creating & Utilising Blue Carbon

FUKUOKA CITY

Hakata Bay

Blue Carbon Offset



Expand eelgrass beds,

known as "sea cradles"



Create eelgrass beds with residents

Create blue carbon



Attracting Global Finance



Attract more asset management companies, promote investment in environmental technology





Developing Global Partnerships

Promoting international contribution through cooperating with UN-Habitat, Ministry of the Environment, JICA, Fukuoka University.



Technical training of foreign engineers

Toward Achieving a Carbon Neutral Society