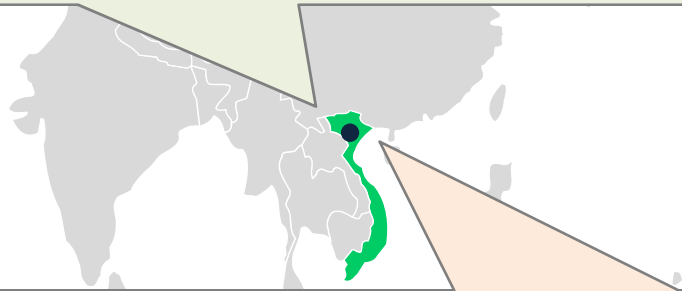


City-to-City Collaboration between Hanoi City and Fukuoka Prefecture

Fukuoka Prefecture and Hanoi City has started friendship relation since 2008 and conducted various activities such as a training for environmental officers of Hanoi City and an environmental education seminar under the environmental cooperation agreement since 2010. In this City-to-City Collaboration, to solve environmental issues in Hanoi City, support on **(1) human resources development and information sharing on the promotion of zero-carbon** and **(2) consideration for introducing zero-carbon technologies by Japanese companies** were implemented thorough online workshops, field survey, and discussion with the relevant persons/organizations.

<Climate Change Countermeasure in Hanoi City>

To realize zero-carbon in Hanoi, "Climate Change Action Plan (CCAP)" has been established. Furthermore, reducing GHG emissions, promotion of green production/ construction, improving lifestyles, and sustainable consumptions are conducted actively based on "Green Growth Strategy (GGS)".

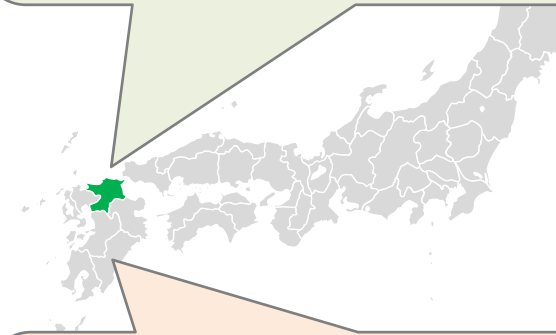


<SDGs actions in Hanoi City>

Base on "Action Plan of Hanoi City to implement the 2030 Agenda for Sustainable Development" issued in 2007 by Hanoi City, the city implements secureness of sustainable energy , preservation of natural resources, and adaptation to climate change to achieve SDGs by 2030.

<Climate Change Countermeasure in Fukuoka Pref.>

According to "Action Plan of Global Warming Countermeasures in Fukuoka Prefecture (March 2017)" , **introduction of energy saving and renewable energy, mitigation/ adaptation measures by utilizing hydrogen energy** have been promoted.

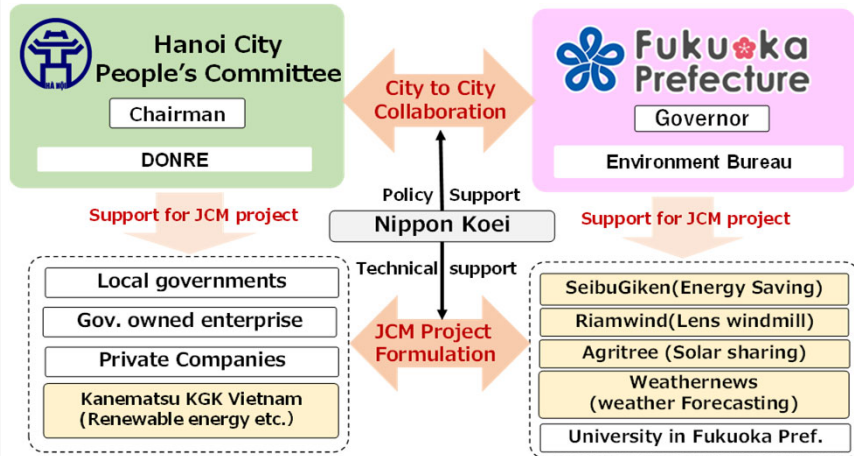


<SDGs action in Fukuoka Prefecture>

The prefecture supports actively the citizens, private companies, and local government on their SDGs actions through "Environmental Comprehensive Vision/ the 4th Environmental Comprehensive Basic Plan (March 2018)" and "Good practice on SDGs actions (June 2021)"

City-to-City Collaboration between Hanoi City and Fukuoka Prefecture

【Implementation Structure】



【Activities/ Achievements】

<City-to-City Collaboration Activity>

- Discussion between Hanoi and Fukuoka Pref.: 3 times
- Technical workshop and JCM seminar: 2 times

<Activity of partner companies and academic institute>

- Field survey (review on policies, meetings with local companies, collecting information on factories/buildings in Hanoi City)
- Introduction of zero-carbon measurement and Japanese zero-carbon technologies at the technical workshop
- Preparation of MOU with Vietnamese university for introducing of solar sharing system as a pilot project
- Implementation of site inspection and selection for introduction of the small wind power system in Vietnam

Achievement:

- (1) Information sharing on environmental technologies by Fukuoka Prefecture (Prevention of open burning and utilization of biomass derived from agriculture sector)
- (2) Recommendation of applicable technologies for JCM
 - Solar sharing
 - High-efficiency small wind turbine systems (Lens windmills)
 - Building energy saving system (heat exchangers)
 - Fuel conversion technology (VOC concentrator for factories)
- (3) Adaption of one JCM model project in 2022 based on City-to-City collaboration Project between Hanoi and Fukuoka Pref. "16MW Mini Hydro Power Plant Project in Binh Thuan Province Representative Participant" in FY2022

【Photos】



Face-to-face discussion at Hanoi DONRE office



Technical workshop in Hanoi City