

Toward Sustainable Cities Through City to City Collaboration



City of Da Nang



City of Yokohama

October, 2019

***International Affairs Bureau
City of Yokohama***

Outline of Y-PORT program

Yokohama's Strength

Experiences in Urban Development



Technologies of Yokohama Based Companies



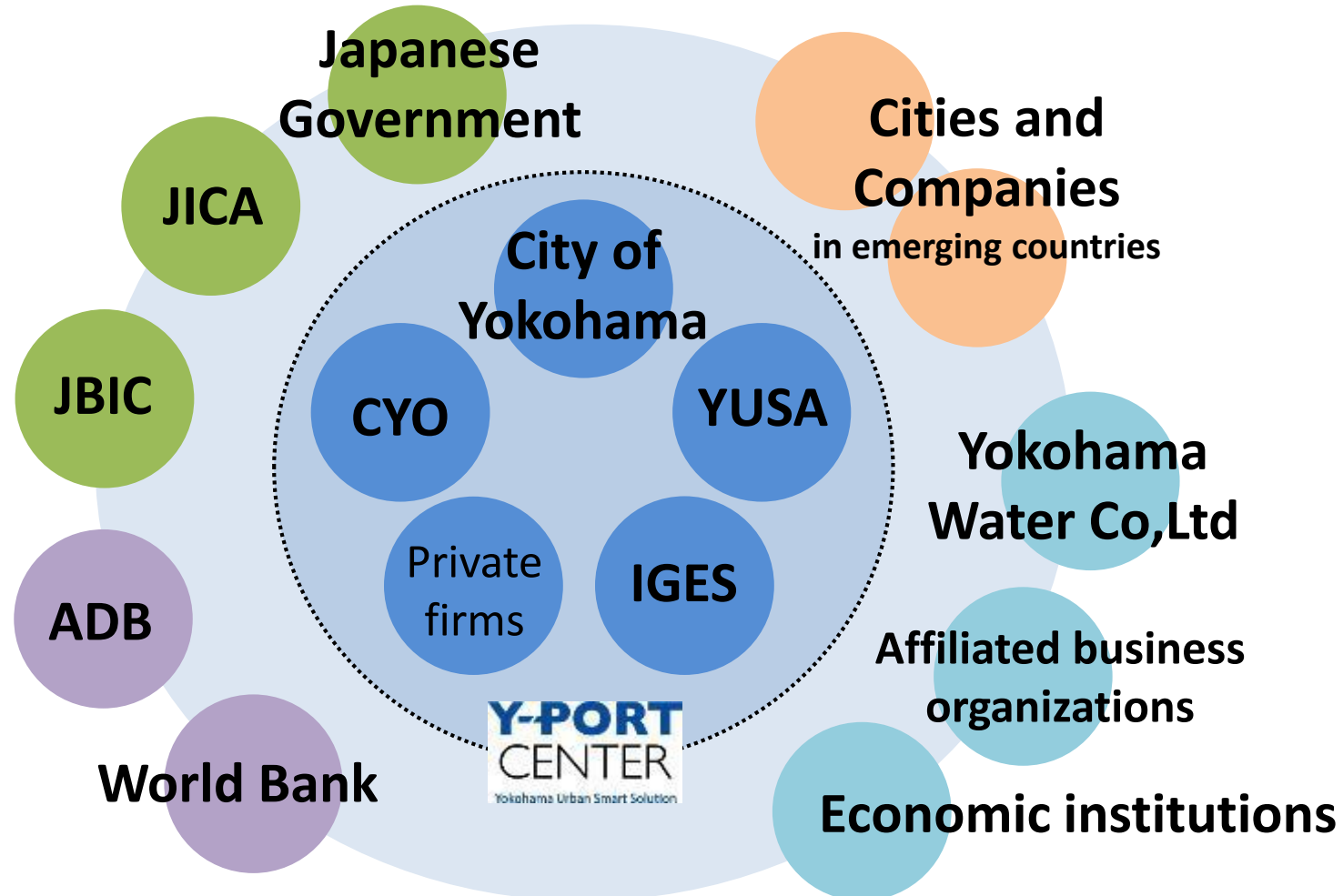
- ✓ Since 2011
- ✓ International Technical cooperation through PPP

Objectives

International
Contribution

Expansion of
Businesses of SMEs

Establishing a knowledge hub 《Y-PORT Center》



- providing best available urban solutions through dialogue
- gaining support from the government of Japan and donor agencies

Providing packaged technologies with Private Companies



**YOKOHAMA
URBAN SOLUTION
ALLIANCE**

Incorporated Association
(est. 2017)



Cooperation Agreement
between Yokohama and
private companies



JGC CORPORATION



JFE Engineering Corporation



Chiyoda Corporation



Hitachi, Ltd.



CITYNET Yokohama Project Office



Institute for Global Environmental Strategies

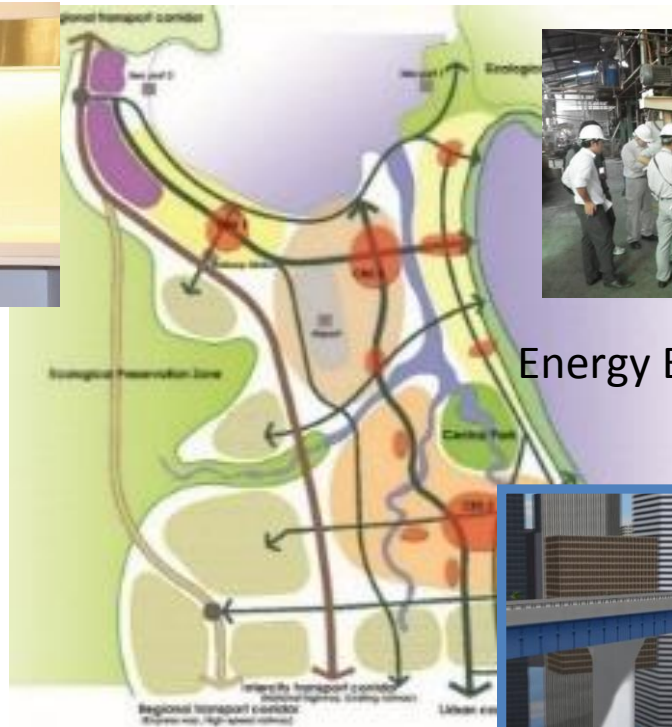
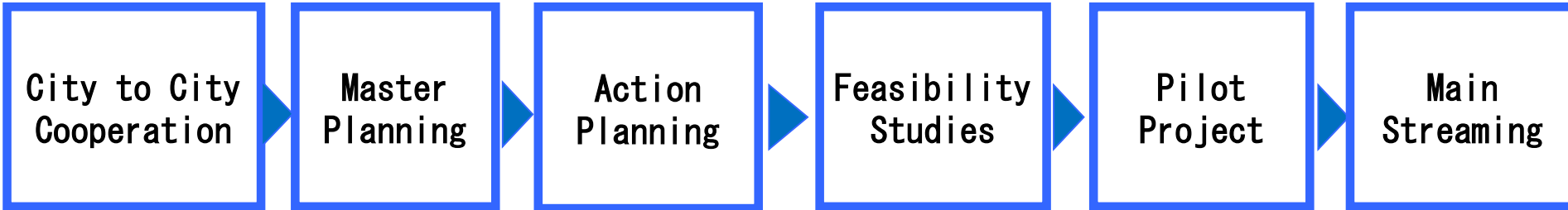
Memorandum of Understanding on Technical Cooperation for Sustainable Urban Development Signed with the City of Danang, on 9th April, 2013, and renewed on 1st April, 2019



Contents of Agreement

- (1) The City of Yokohama will offer technical advice through Da Nang Urban Development Forums and various projects under city to city collaboration in promoting eco-city development which is the target of the City of Da Nang ;
- (2) The Parties will encourage participation of private sector and academic organizations which have expertise and knowledge on environment friendly urban development to achieve the above mentioned objectives;
- (3) The Parties will call for support of Central Governments of both sides and international organizations in pursuing appropriate assistance to implement technical cooperation;
- (4) The Parties will encourage private investment in both cities. As part thereof, the City of Yokohama will cooperate for the development of an environment-friendly industrial park in Da Nang;
- (5) The Parties will exchange information in order to deepen relations in various areas and appoint their contact points respectively to be responsible for monitoring and making proposals on specific issues. While the Department of Planning and Investment is designated as the contact point of the People's Committee of Da Nang City, the Development Cooperation Division, International Affairs Bureau is designated as the contact point in the City of Yokohama.

From “City to City Cooperation” to the “Main Streaming”



Energy Efficiency Services



Project Development

Dacriss and Da Nang Urban Development
Action Plan supported by JICA

FS for Infrastructure Development

City to City Collaboration in Da Nang

2013
Concluding the MoM on
technical cooperation on
sustainable urban
development

2015
DOFA's
Yokohama branch
established.

2018
Conclusion of the MoM
in nursing care

2014~
Da Nang Urban Development Forum

2014-2016
JICA Data Collection Survey on Sustainable and
Integrated Urban Development in Danang (Urban
Development Forum, Urban Development Action
Plan)

Da Nang Urban Development Action Plan

**Climate
Change/
Energy
Management**

2015-2017
JICA FS and Pilot Project for Disseminating
SME's Technologies (Verification Survey with
the Private Sector for Disseminating Japanese
Technologies on Saving Analysis and
Improvement by Simplified Environment
Measurement in Vietnam)

**2019- JICA Partnership
Project "The Project on
Effective Energy
Saving Improvement
for Citizen of DaNang"**

2015-2016
MOE JCM Feasibility
Study through City to
City Collaboration for
Low Carbon Society

**2016-
Financing Program for JCM Model Projects
(Introduction of High Efficiency Water Pumps in
Da Nang City)**

Utilizing JCM Fund

Port

2016-2017
METI Study for Quality
Infrastructure (Study for
Lien Chieu Port Development
Project)

2018-
METI Study on business opportunity
of High-quality Energy Infrastructure to
Overseas (Project for maintaining cold
chain system in Tho Quang Port)

Solid Waste Management

2017-2019
JICA Partnership Project
(Solid Waste Management Project for
promoting segregation and recycling in Da
Nang City)

**Water
Environment**

2015-2016
Preparatory Survey on
DaNang City Water
environment
Improvement Project

2017-
JICA Feasibility Study and Pilot Project for
Disseminating SME's Technologies (FS for
Da Nang Industrial Wastewater Management)

TOD

2018-
METI Study on business opportunity of
High-quality Energy Infrastructure to
Overseas (FS for introducing AGT
system in Vietnam)

On Going Project

Climate Change / Energy saving diagnosis and CO2 emission reduction
(OSUMI Vietnam)



Osumi Vietnam /
YUSA Da Nang Representative



On Going Project

Water Supply (JCM Model Project)

- *Yokohama water Co., Ltd. conducted a JCM model project on Introduction of High Efficiency Water Pumps at the Cau Do Water Treatment Plant*



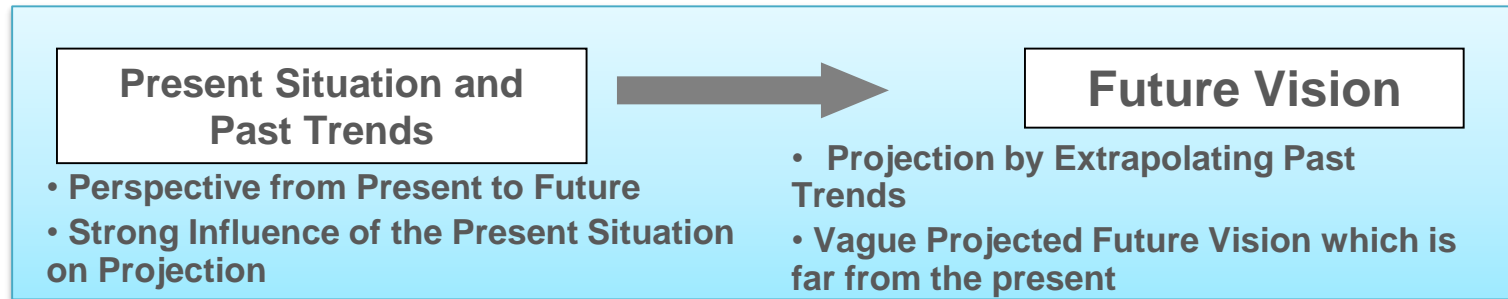
On Going Project

Solid Waste Management Project for promoting segregation and recycling in Danang City (2017-2019)

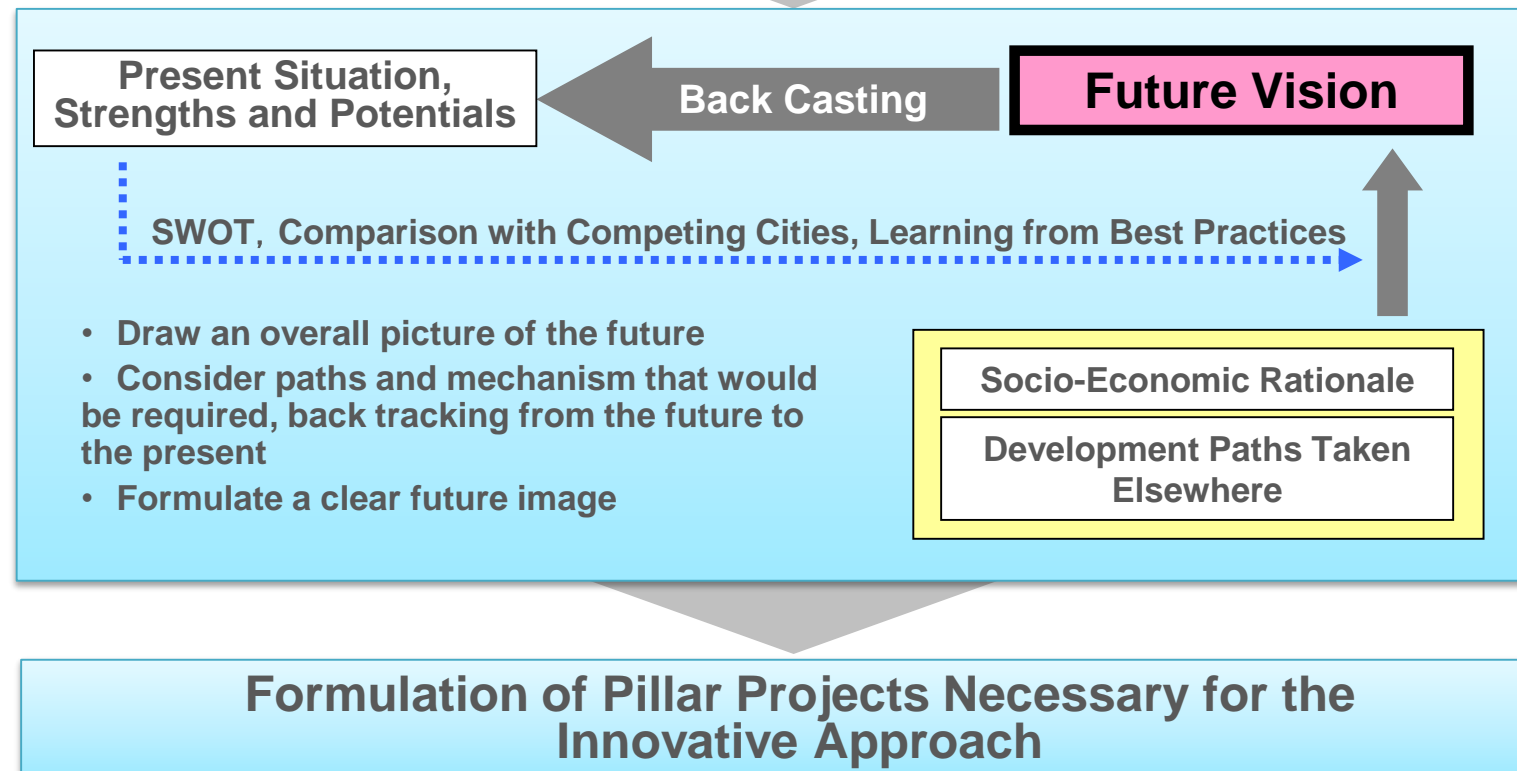


Innovative Approach of Back Casting

Conventional Approach



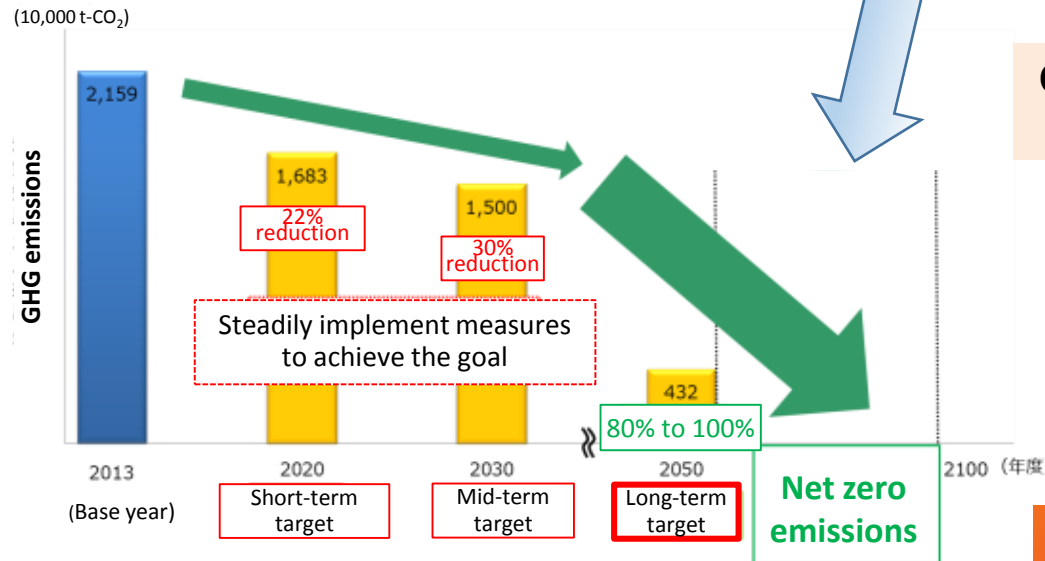
Innovative Approach



SDGs FutureCity YOKOHAMA

- Paris Agreement (Dec.2015)
- IPCC Special report (Oct.2018)

Declaration of
“Zero Carbon Yokohama”(2018)
“We aim to realize carbon neutrality
by 2050”



Carbon neutrality is impossible by extension of the current situation

We need

Innovative technology
+
Transformation of economic
and social Systems

Contribution

SDGs Future City YOKOHAMA

Towards to sustainable and livable cities



Thank you for your attention