

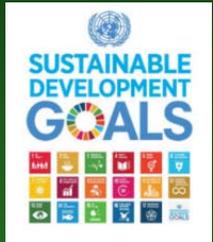
“FutureCity” Initiative and Next Stage

—Integrated Approaches and Global Partnerships
by SDGs and Paris Agreement—

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Global policy issues for a sustainable society



SDGs (Sustainable Development Goals) (2015.9)

⇒ Improvement of environmental quality ,Q

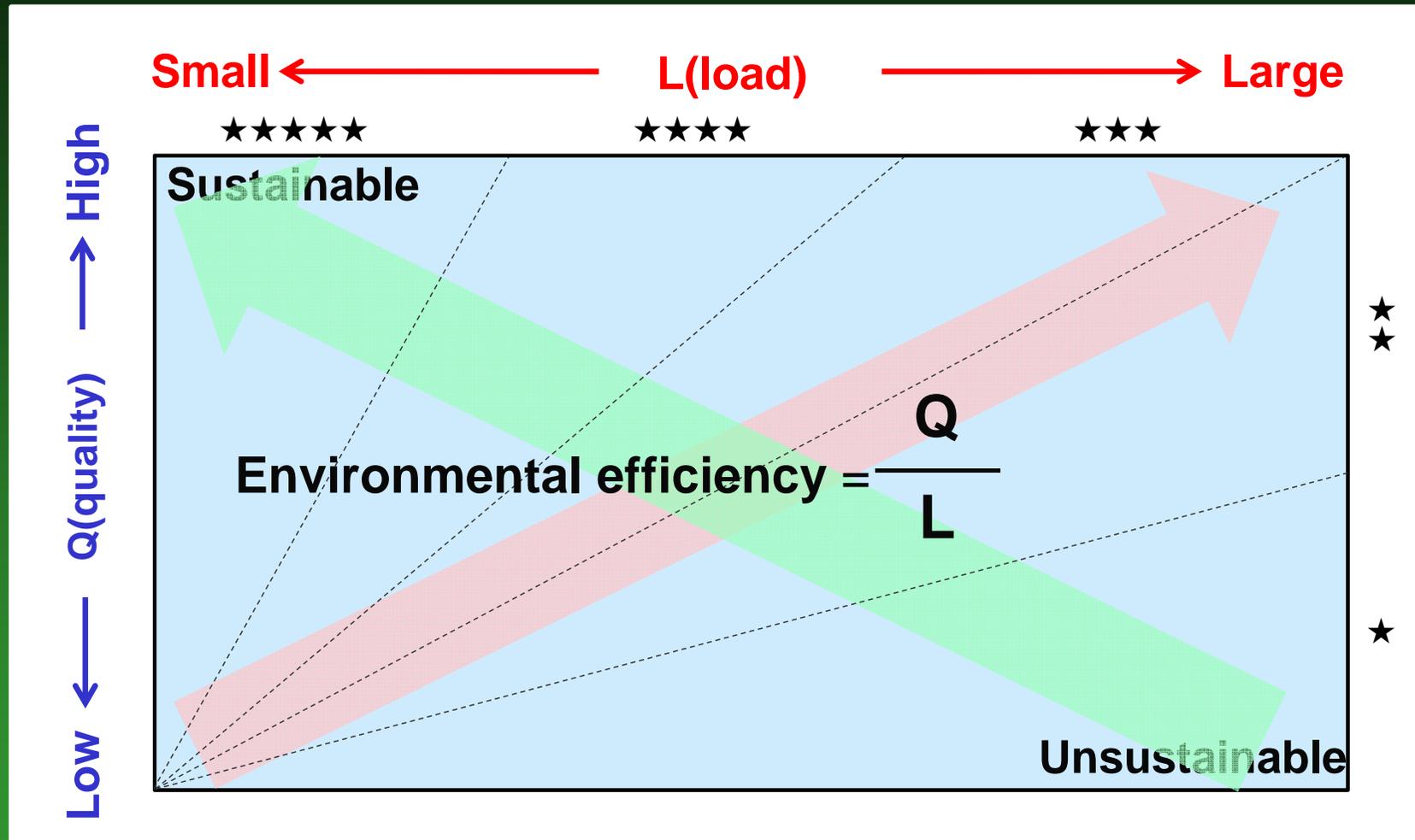


The Paris Agreement (2015.12)

⇒ Reduction of environmental load ,L
(Emission of CO₂)

⇒ Q and L are the two major factors of environmental planning

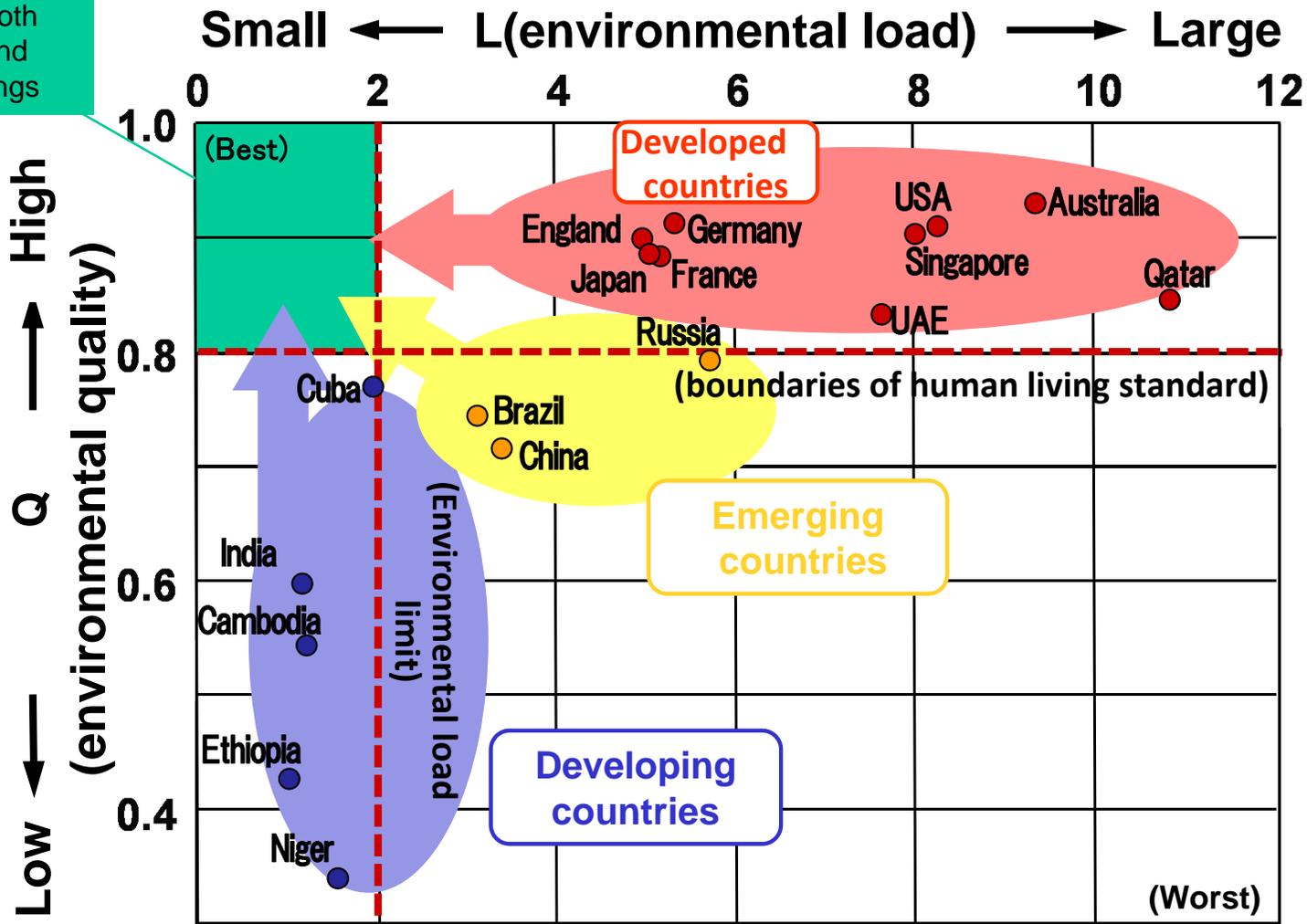
Integrated assessment of the two policy issues



⇒ Planning for realization of a sustainable society based on reduction of L and improvement of Q

Sustainability assessment of the earth and human beings

Sustainable range for both the earth and human beings



Horizontal axis
L: environmental load

Ecological Footprint

(Dimensionless estimates by Biocapacity)

Vertical axis
Q: environmental quality

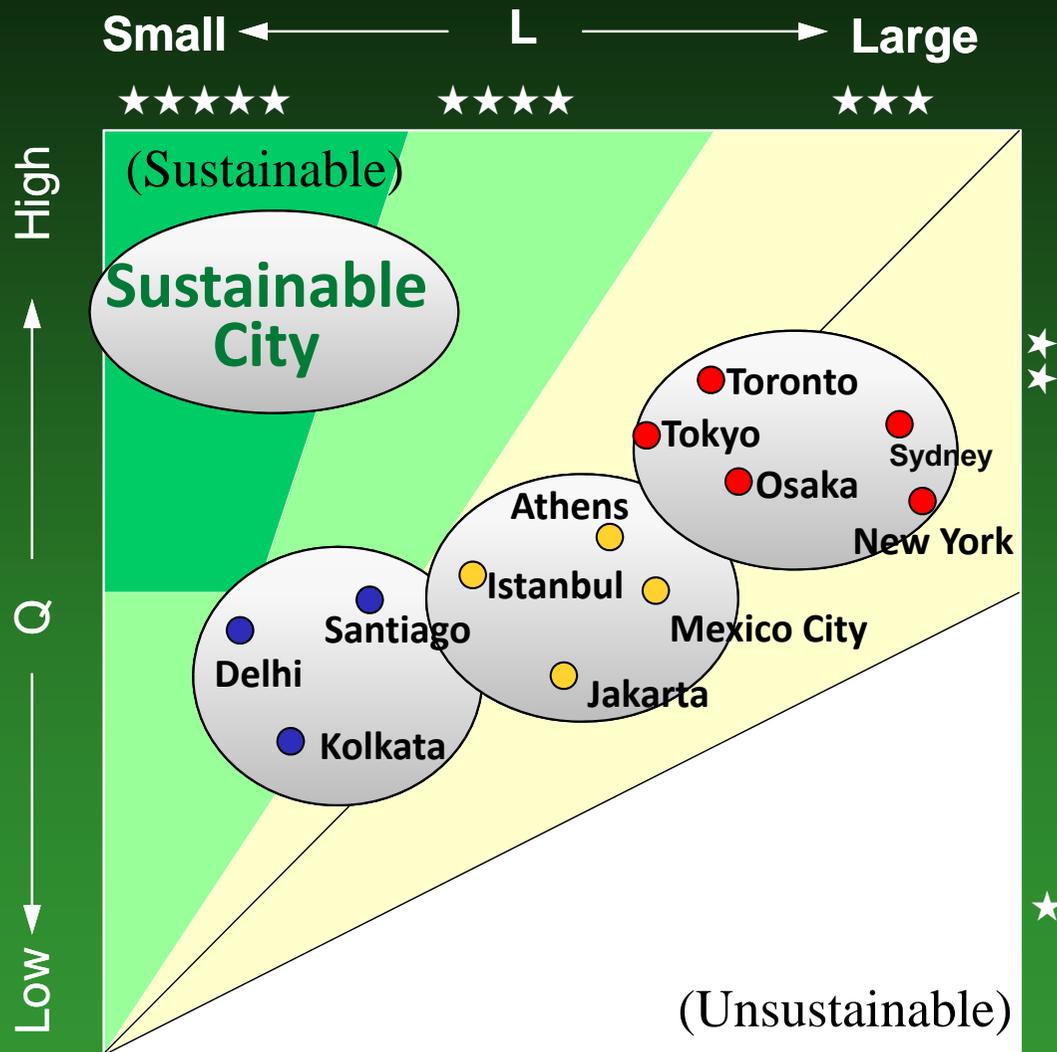
Human Development Index

References: Global Footprint Network, How We Can Bend the Curve, Global Footprint Network 2009 Annual Report

⇒ Developed countries: How can L be reduced without degrading Q?

⇒ Developing countries: How can Q be enhanced without increasing L?

Sustainability assessments of cities (CASBEE-City [International version])



Group Red (e.g. Toronto):
Necessary to reduce L

Group Yellow (e.g. Jakarta):
Necessary to improve Q, with
reducing L

Group Blue (e.g. Kolkata):
Necessary to improve Q
without increasing L

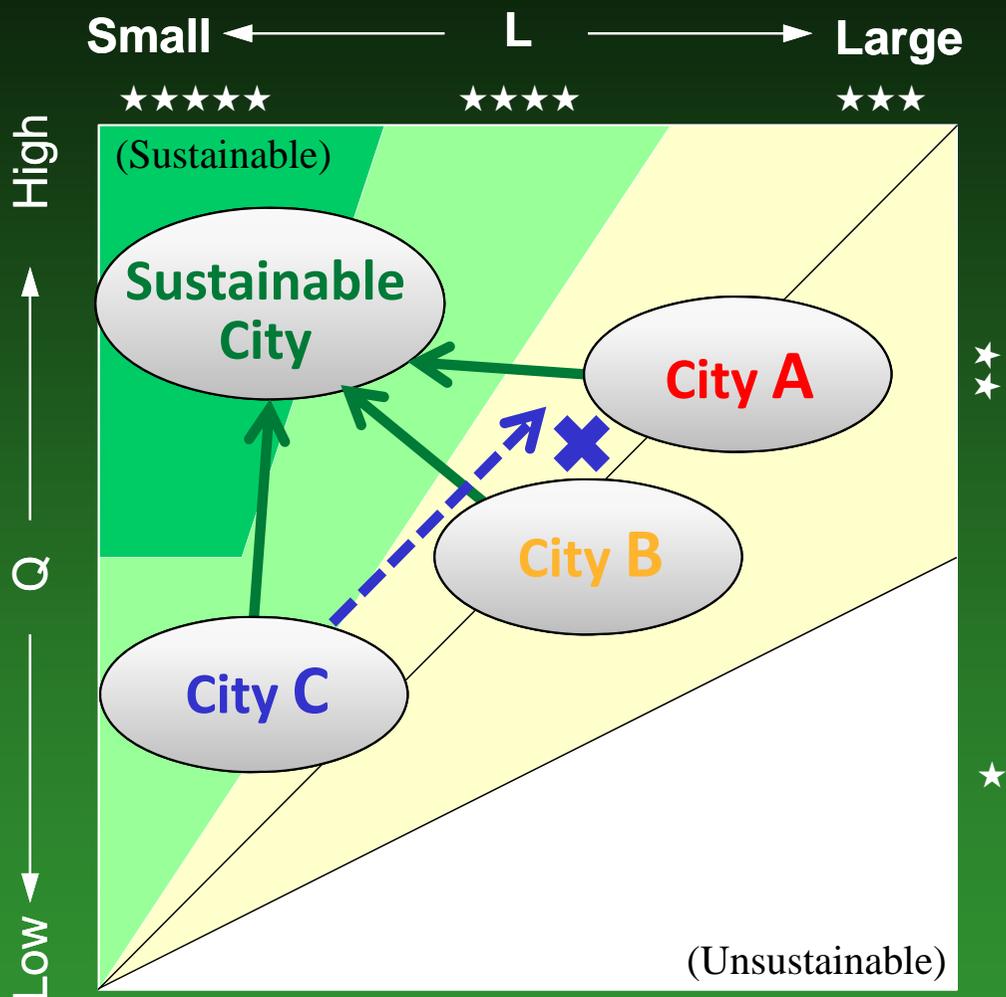
L = Environmental Load
as CO₂ emissions (per year, capita)

★ Q = Quality of City Environment
based on the SDGs, etc.

CASBEE: Comprehensive Assessment
System for Built Environment Efficiency

⇒ Cities of developed countries, low environmental efficiency

Direction of reforming the City Environment (CASBEE-City [International Version])



City A
(in developed countries):
Necessary to reduce L

City B
(in emerging countries):
Necessary to improve Q, with
reducing L

City C
(in developing countries):
Necessary to improve Q without
increasing L

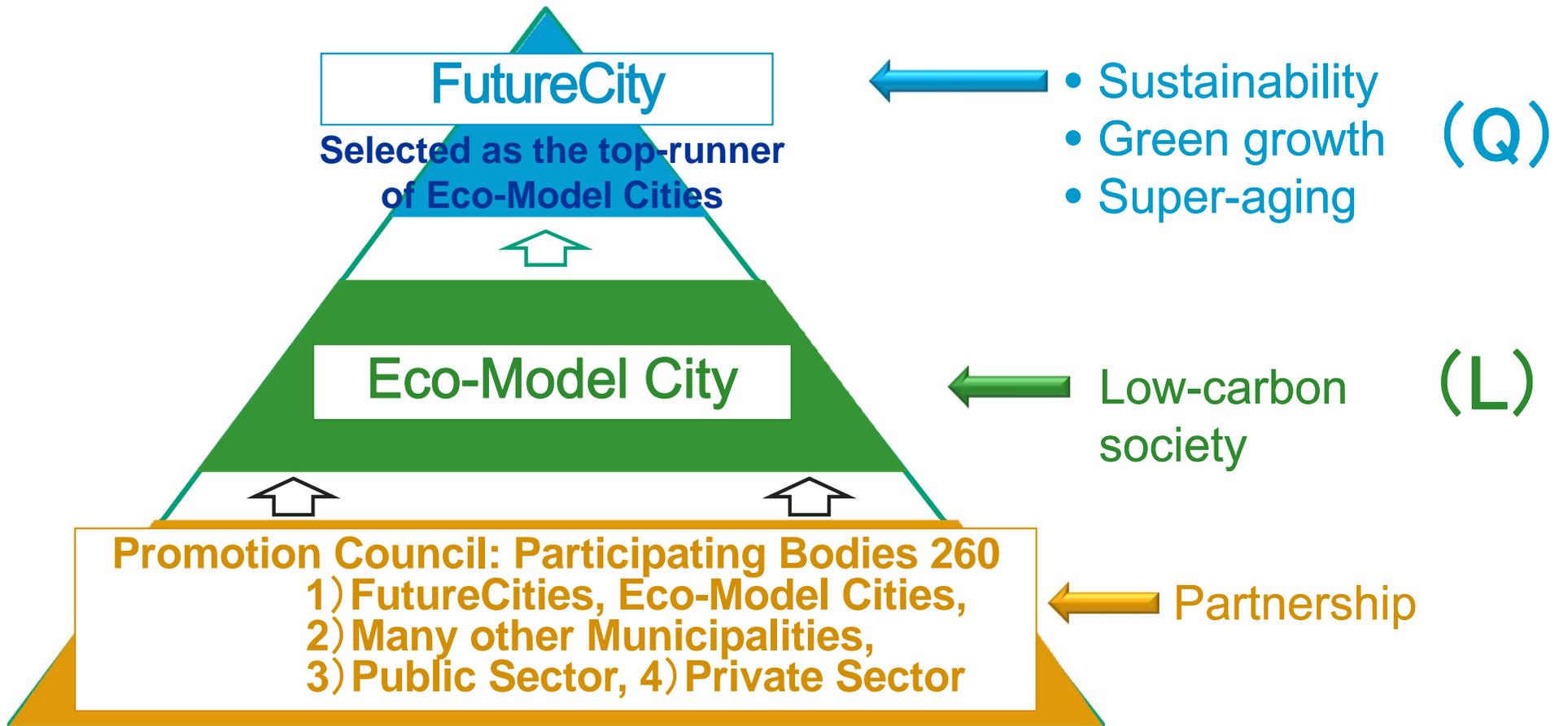
L = Environmental Load
as CO₂ emissions (per year, capita)
Q = Quality of City Environment
based on the SDGs, etc.

⇒ **Obligation of developed countries: To present the models realizing Sustainable Cities as quickly as possible to developing countries.**

⇒ **Urgency of cutting CO₂ emissions to 80% by 2050**



Framework of “FutureCity” Initiative





Outline of activities

1. Certification by the Central Government

⇒ Unified approach by all departments in each FutureCity

2. Publish the targets to be achieved by each FutureCity

⇒ Partnerships between citizens and FutureCities

3. Advisory board composed of specialists

⇒ Design a leading, sustainable society

4. Establishment of the Promotion council for the “FutureCity” Initiative

⇒ Partnerships between the private sector, public sector, and municipalities

5. Evaluation of the outcome of FutureCities by the Government

⇒ Performing management by PDCA and improving the governance of chiefs

6. Dissemination of the best practices to other cities in domestic and abroad

⇒ Global Partnerships



Aim of “FutureCity” Initiative

- ⇒ First, present a clear image to the public of a sustainable society of the future.
- ⇒ FutureCities as a target to be achieved.
- ⇒ Motivate citizens toward the creation of a sustainable city.
- ⇒ Spread the scheme of FutureCities throughout Japan and overseas.
- ⇒ Promote a transition to a sustainable society by Global Partnerships.



Eco-Model Cities selected by the Government (totaled 23 cities) (13 cities + 7 cities + 3 cities, 2008 ~ 2013)

【Selected in 2008: 13cities】

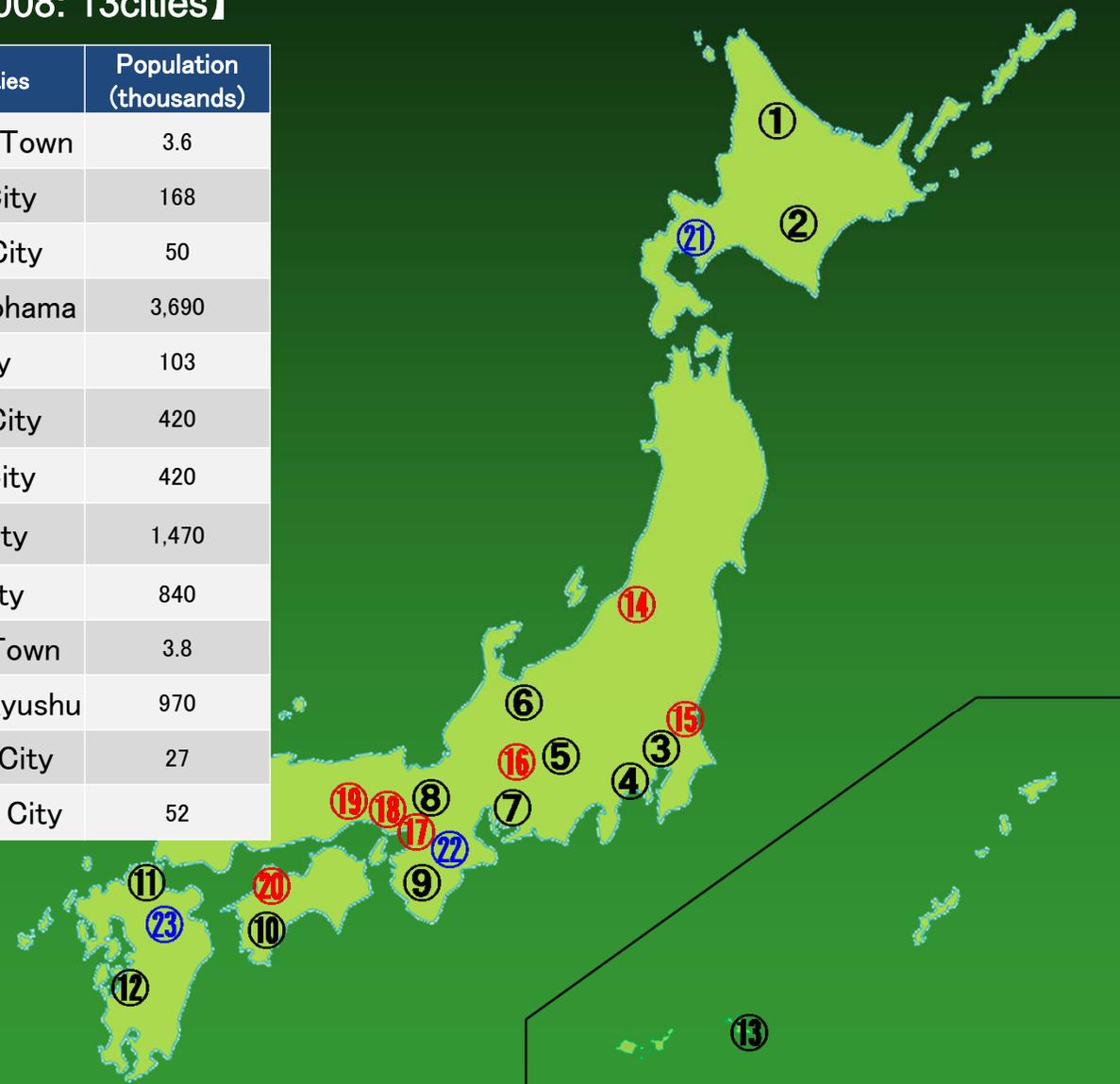
No.	Name of cities	Population (thousands)
①	Shimokawa Town	3.6
②	Obihiro City	168
③	Chiyoda City	50
④	City of Yokohama	3,690
⑤	Iida City	103
⑥	Toyama City	420
⑦	Toyota City	420
⑧	Kyoto City	1,470
⑨	Sakai City	840
⑩	Yusuhara Town	3.8
⑪	City of Kitakyushu	970
⑫	Minamata City	27
⑬	Miyakojima City	52

【Selected in 2012: 7cities】

No.	Name of cities	Population (thousands)
⑭	Niigata City	808
⑮	Tsukuba City	217
⑯	Mitake Town	19
⑰	Amagasaki City	451
⑱	Kobe City	1,542
⑲	Nishiawakura village	1.6
⑳	Matsuyama City	513

【Selected in 2013: 3cities】

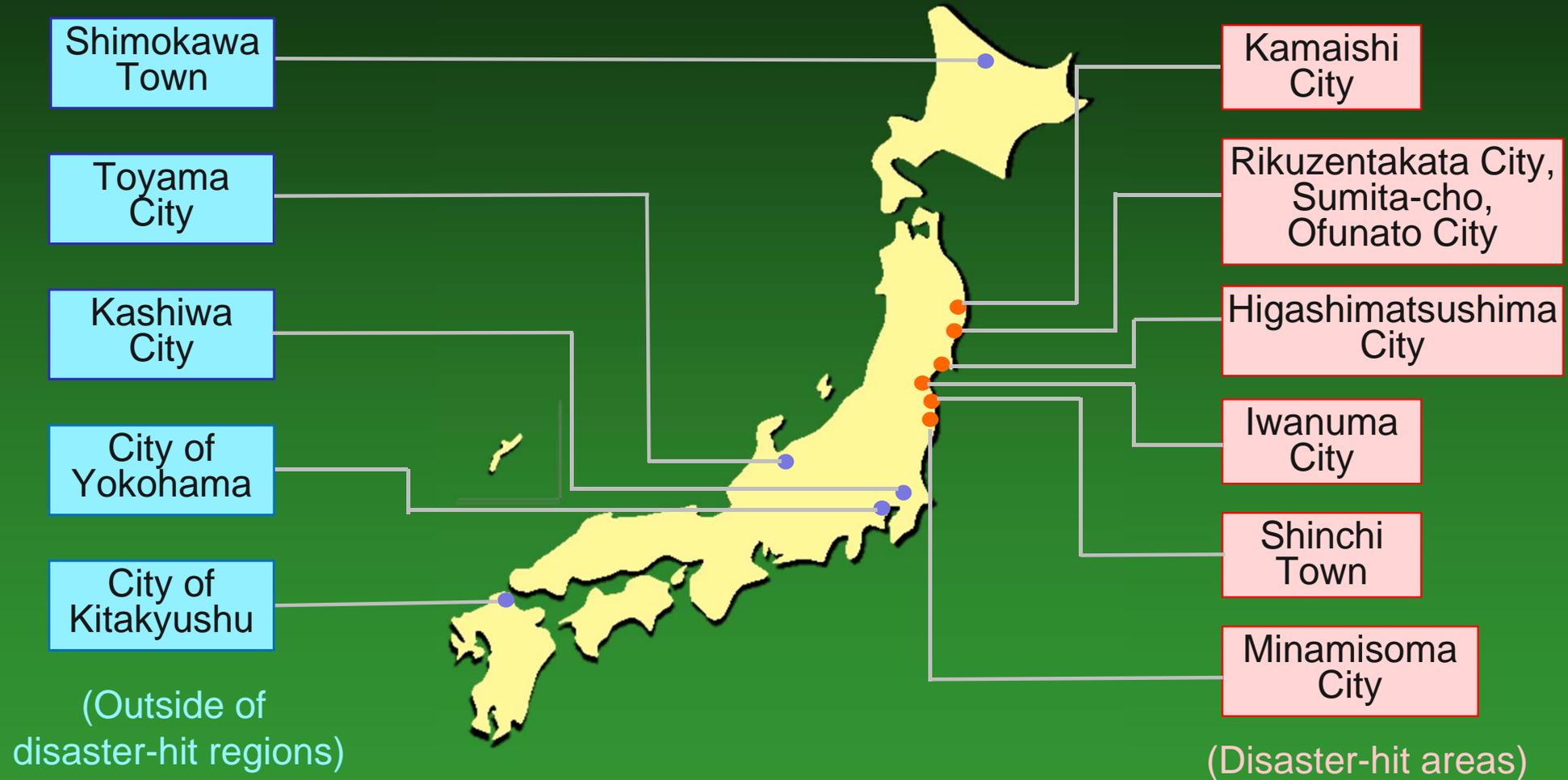
No.	Name of cities	Population (thousands)
㉑	Niseko Town	4.8
㉒	Ikoma City	121
㉓	Oguni Town	7.9



⇒ Many best practices achieved toward a low carbon society



FutureCities selected by the Government (11 cities: 2011)

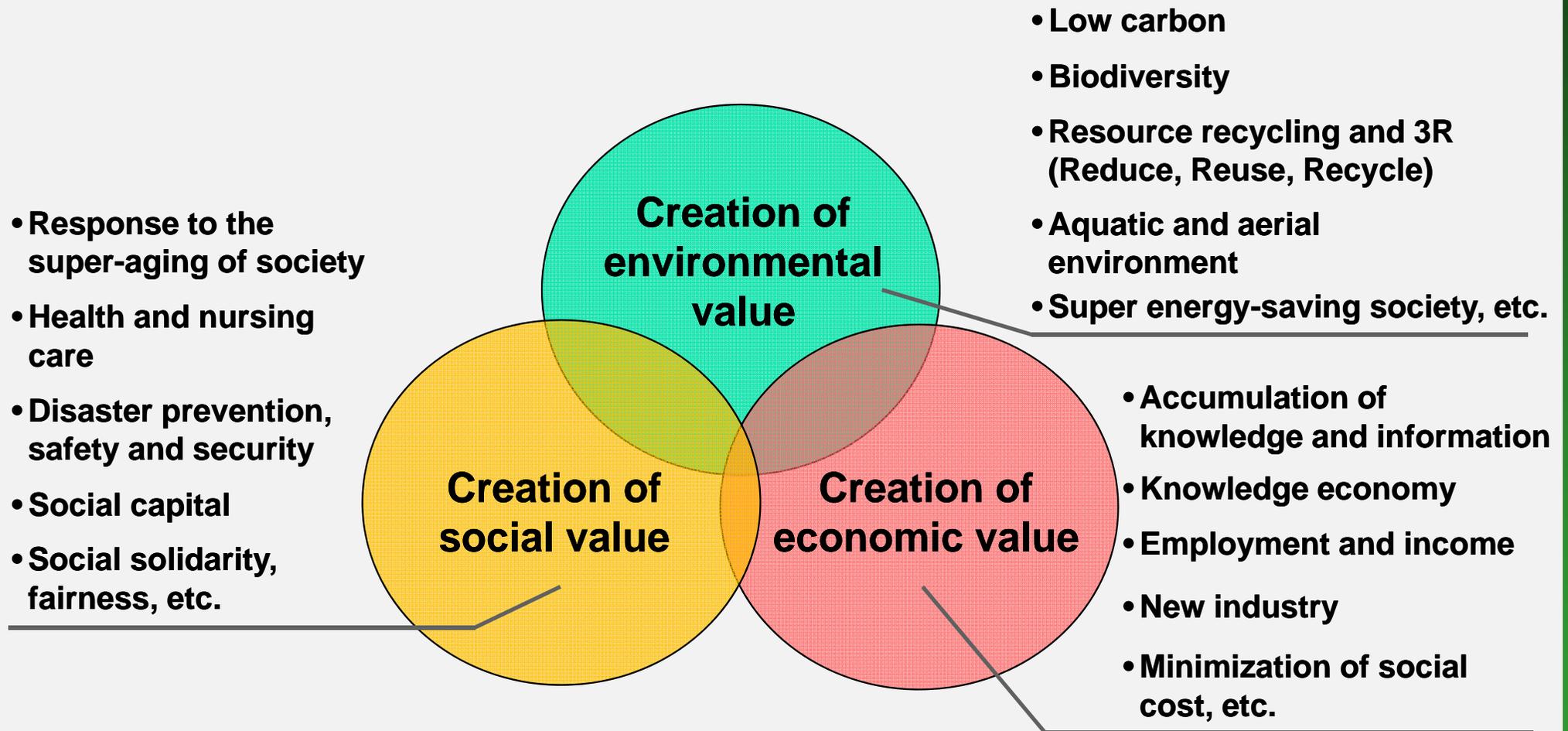


⇒ A variety of ambitious proposals towards a sustainable society



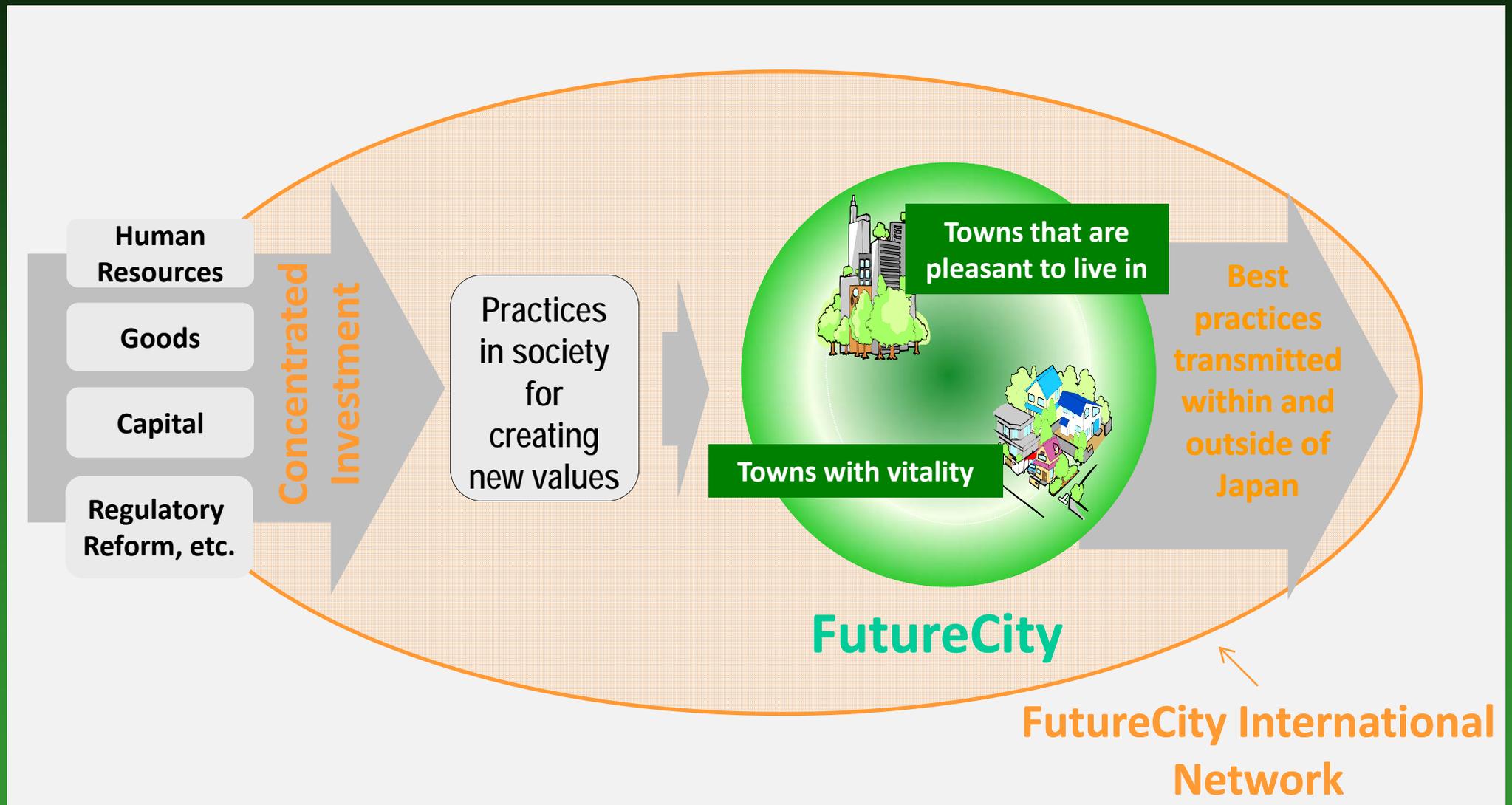
Promotion of Green growth through creation of 3 values

⇒ Creation of environmental value, social value and economic value





Process for Realizing the FutureCity





International dissemination at the Rio+20

Official side-event hosted by the Japanese Government:
“Future Cities We Want”



Greeting by the Minister
of Foreign Affairs



Shuzo Murakami (then Chairman of the Expert Study-
Group for the FutureCity Initiative)

Introduction of the FutureCity Initiative

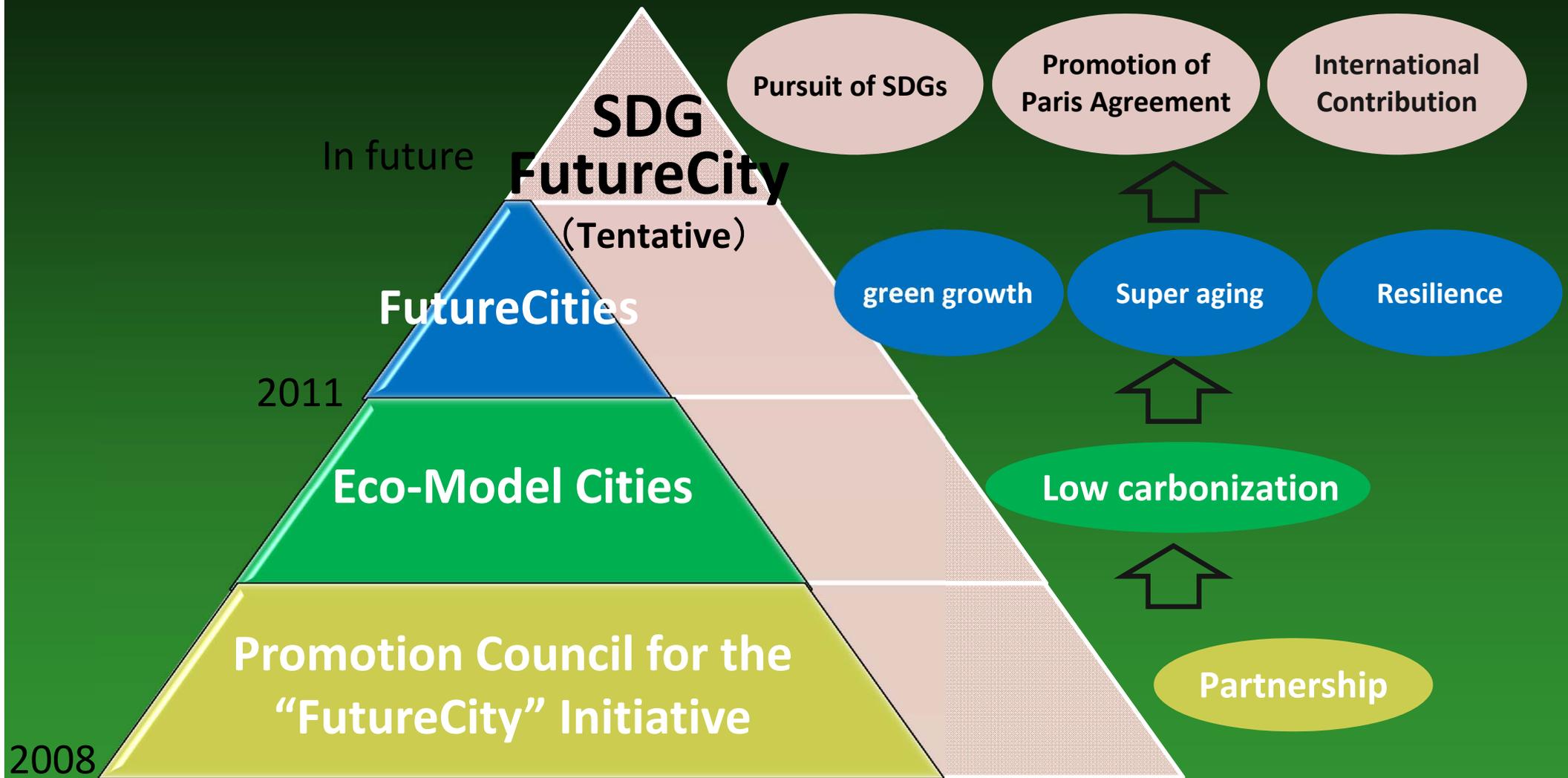
(Rio+20: United Nations Conference on Sustainable Development)



Why has the FutureCity initiative achieved great success ?

1. Local governments are motivated and incentivized by receiving the prestigious title of FutureCity from the Central Government
2. FutureCities promoted their action plans on their own initiative and created the Self-sustaining model

Next Stage of "FutureCity" Initiative



◆ Achievement of "FutureCity" Initiative



◆ Further promotion of "FutureCity" Initiative



◆ Future direction: SDG FutureCity