

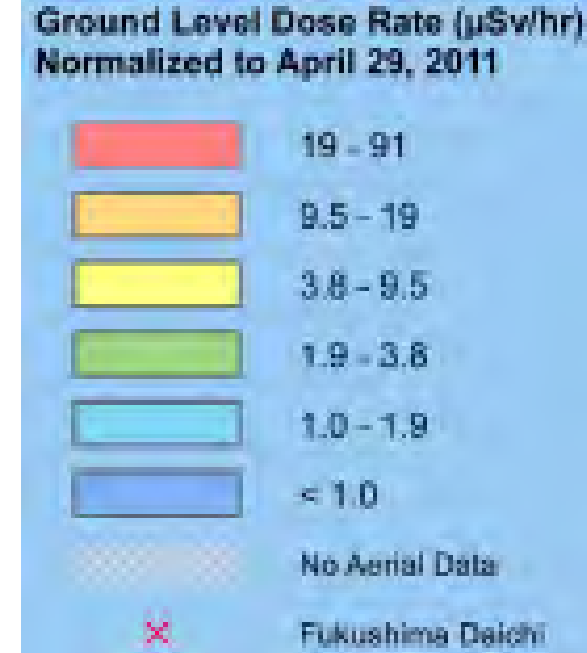
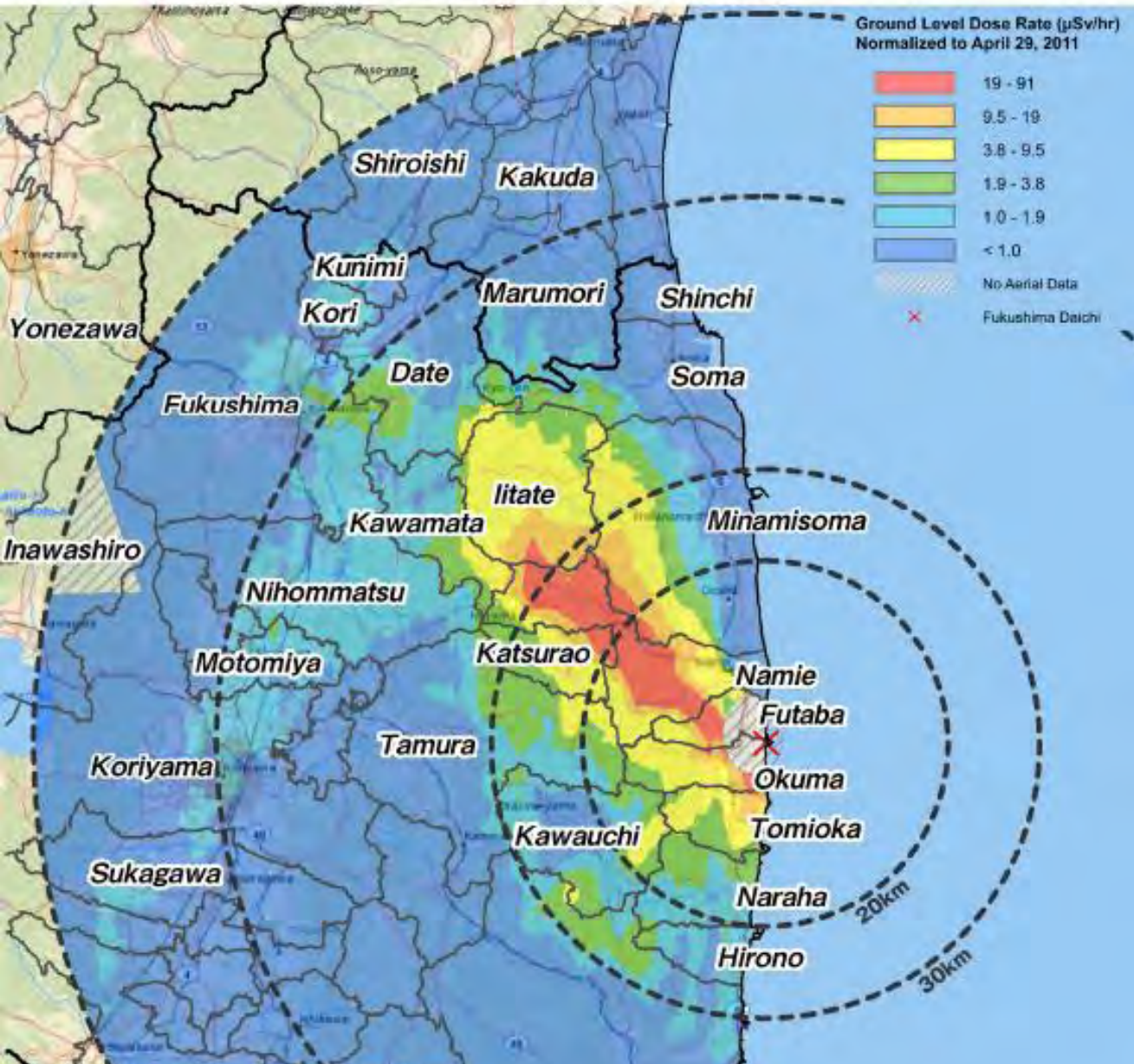
Transition Management to Sustainable Cities

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(NIES)

3rd High Level Seminar on Environmentally Sustainable Cities
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Aerial Measuring Results

Joint US / Japan Survey Data



Disaster
Wind

What I have learned from 311

- Fukushima/Tohoku:
 - Always behind from so-called “development”
send human resources, food, energy to Tokyo
 - Enrichment of humanity/nature, but...
- Huge challenges on local management
 - Importance of mayor’s leadership at urgency
 - Lack of “City Continuity Plan”
 - Lack of self-independent policy making capacity and financing mechanism (too much subsidized...)



Blessing Wind

ESC initiatives in Japan

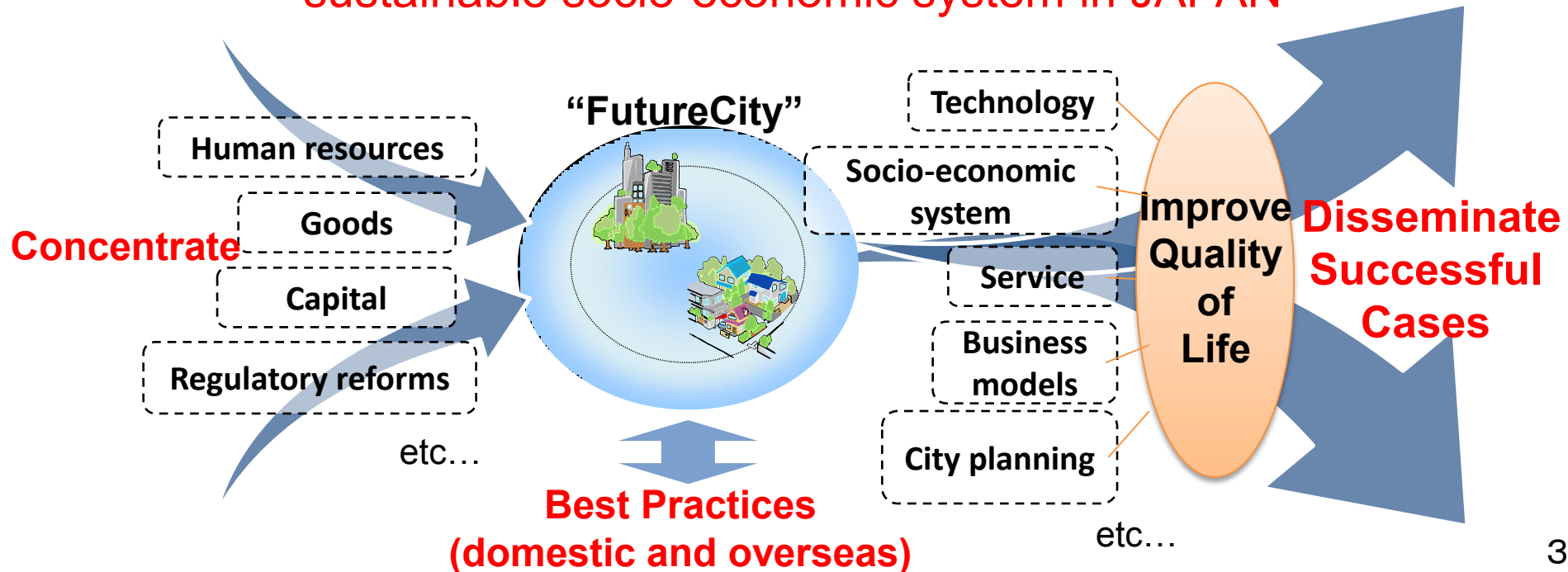
(Regional Revitalization Bureau, Cabinet Secretariat, GoJ)

- Eco Model Cities (EMCs) (2008-)
 - Set target GHG reduction %, focus on Env (low-carbon)
 - Environment bureau (section-wise) develops and leads plans + knowledge sharing, basically domestic
- FutureCity Initiatives (2011-)
 - Visions and indicators, focus on Env + Economy + Social Values, especially low-carbon, super-aging
 - + project management & international knowledge sharing
 - transboundary bureau such as “office of sustainable development”

Purpose of “FutureCity” Initiative

- To create unparalleled successful cases through future-oriented technologies, socio-economic systems, services, business models and city planning in strategically selected cities and regions.
- To disseminate successful cases both within and outside Japan, and enlarge market and employment.
- Relevant ministries and agencies will support its promotion by concentrating their budget funds, implementing regulatory reforms and tax system reforms, etc.

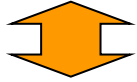
Realize regional revitalization and sustainable socio-economic system in JAPAN



Project Management and Main Implementers

Selection of FutureCities

- Selection
- Clarification of the vision etc.



Actions in each city

- Planning (goal, action plan, roadmap, etc.)
- Prepare implementing structure
- Implement action plan to apply to socio-economic system
- Enhance international collaboration
- Diffuse good practices
- Build consensus among residents
- Undertake regulatory and systems reform
- Evaluate progress and review etc.

3 Levels of the management

- ① Overall "FutureCity" Initiative level
Perspective to effectively promote the overall "FutureCity" initiative
- ② Each City Level
Perspective from the management of whole actions at each "FutureCity"
- ③ Each Action Level
Perspective from progress management of the project applications to socio-economic system and the enhancement of international collaboration

Use domestic and overseas networks of cities and regions

Main implementers

< National Level >

- **Government** (include advisory board)
- **Promoting bodies**

< City/Region Level >

Consortium

- **Local Government**
- **Private Sector**
- **residents:** NGOs, NPOs, Individuals
- **Academia:** Universities, Research institutes (include domestic and overseas)

Intensive support

Domestic and overseas cities and regions

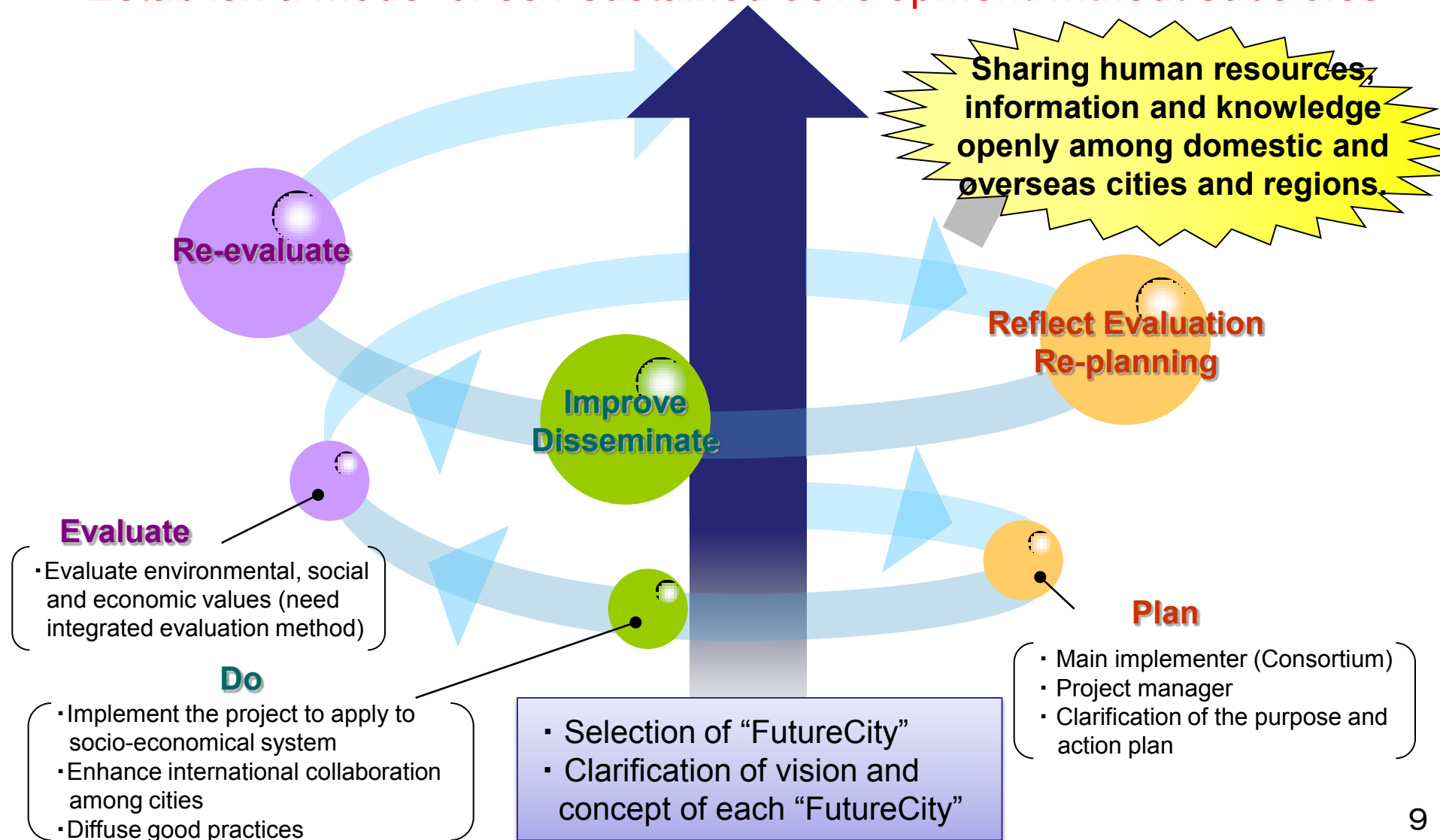
Platform for international knowledge

(Stage for the fusion of domestic and overseas best practice)

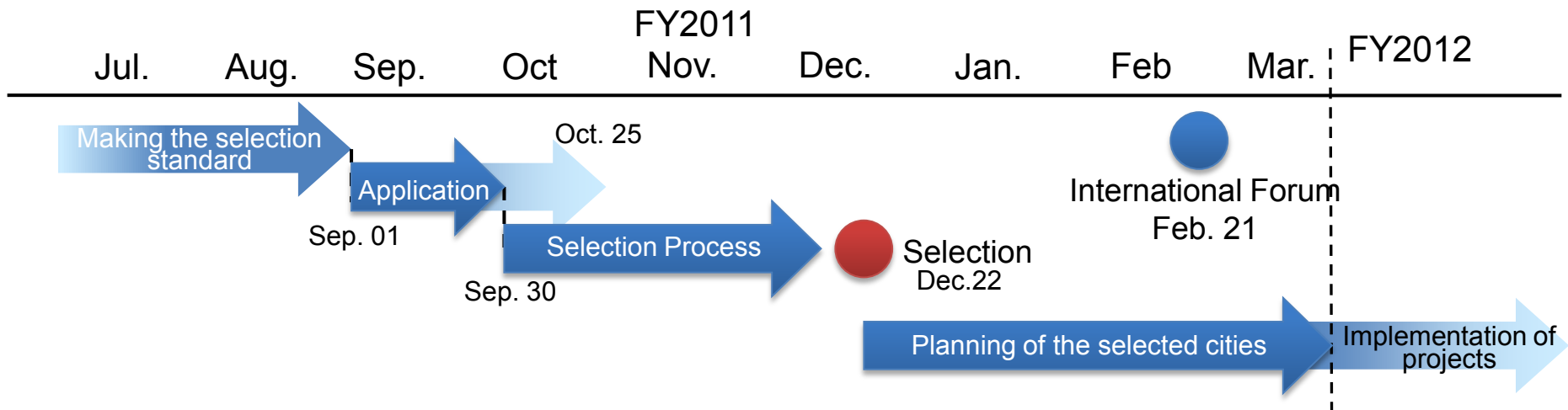
Project Management (Flexibility and a Sense of Speed)

Bring in know-how from all over the world
and

Establish a model of self-sustained development without subsidies



Schedule



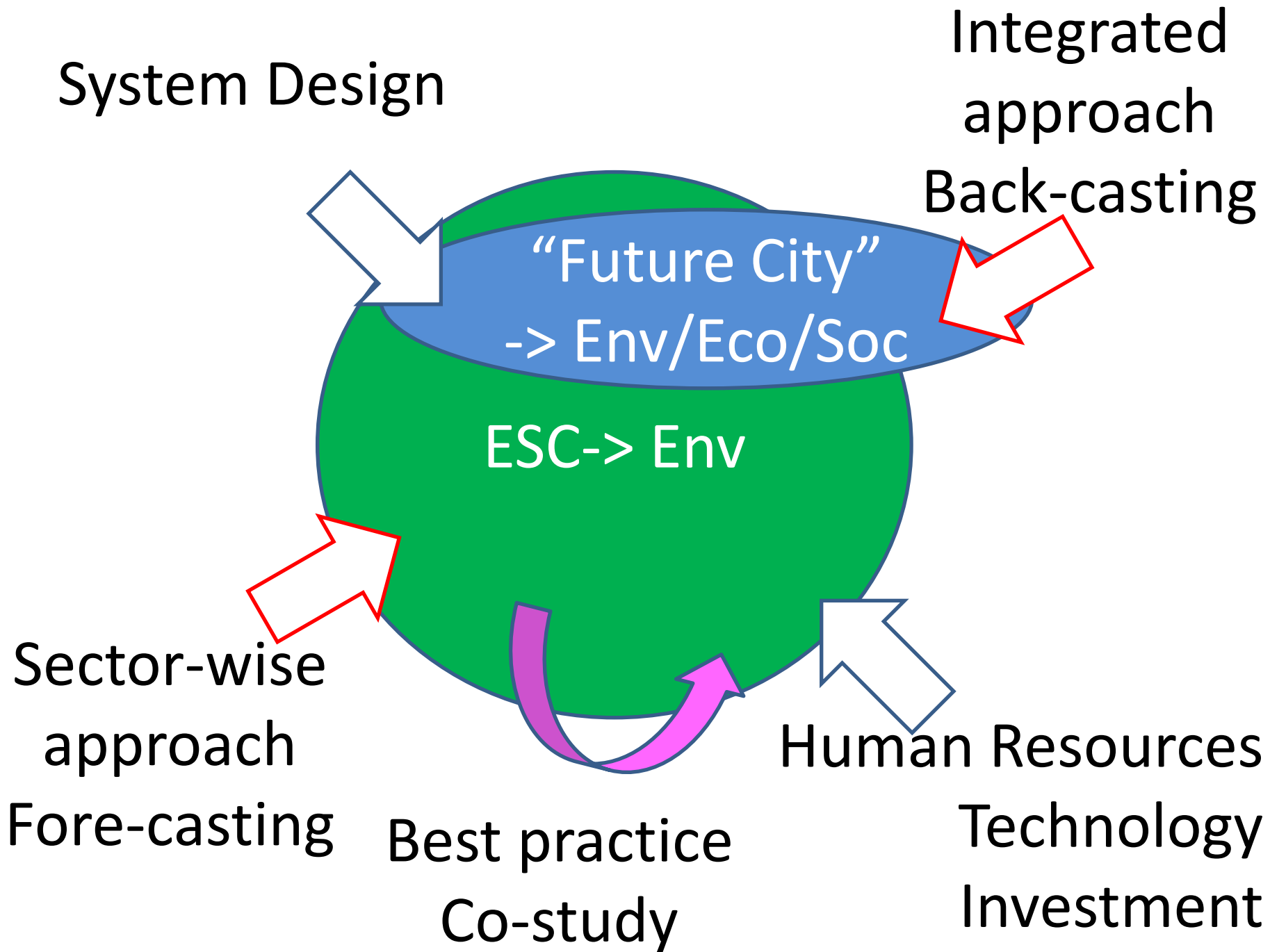
"FutureCity": Cities selected in 2011

<not in the disaster area>

<in the disaster area>

Proposer	Title
Shimokawa Town, Hokkaido	Shimokawa, Forest Future City with people shining
Kashiwa City, Chiba and Others	Kashiwanoha campus city project "Autonomous urban management with partnership among public, private and academia"
City of Yokohama, Kanagawa	OPEN YOKOHAMA -Creative Port City where People, Things and Events Connect and Develop-
City of Toyama, Toyama	Construction of Toyama style urban management with compact city strategy -Towards sustainable and value creating city filled with social capital-
City of Kitakyushu, Fukuoka	Kitakyushu Future City

Proposer	Title
City of Ofunato, City of Rikuzentakata, Town of Sumita, Iwate and Another	Kesen Regional Future City
City of Kamaishi, Iwate	Kamaishi Future City Initiative
City of Iwanuma, Miyagi	Reconstruction with Love and Hope
City of Higashimatsushima, Miyagi	Reconstruction from the Great East Japan Earthquake - Renewal of Higashimatsushima, Towards the future together without forgetting that day -
City of Minamisoma, Fukushima	Recycle City connecting to the next generation, Minamisoma
Shinchi Town, Fukushima	"Of course, Shinchi is the best town" -Town where you can see the future and hope of environment and life-



System Design

Integrated approach
Back-casting

"Future City"
-> Env/Eco/Soc

ESC -> Env

Sector-wise approach

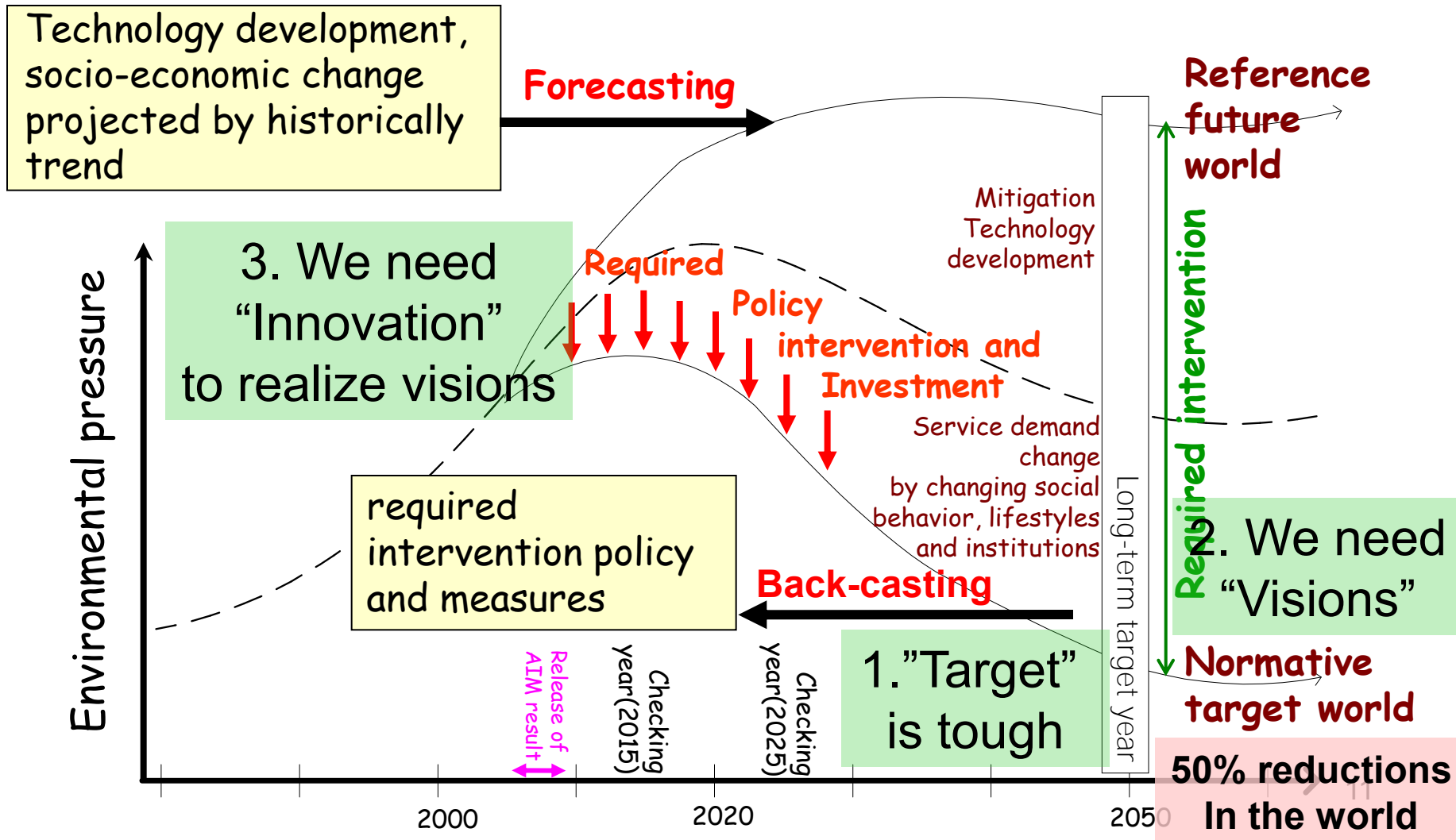
Fore-casting

Best practice
Co-study

Human Resources

Technology
Investment

Scenario Development to Design Sustainable cities/nations/world



Towards “Future City” => be self-independent city

Respond to “Inevitabilitie” necessity

1) Setting goals

Develop urban system design based on locality such as history, culture and environment

2) Roadmaps

Apply the latest knowledge + Create open space

3) Ownership

Local leaders' initiative + Global Pro bono support