

# **The Dissemination Plan of Low-Carbon Model Town (LCMT) Project**

**29th Mar. 2017**

**Agency for Natural Resources and Energy  
METI, Japan**

# Today's Contents

---

## ❑ Review LCMT Activities and Achievement

- Conduct Study on 6 + 1 Cities/Towns

- Outcome

  - Concept, LCT Indicator

## ❑ Dissemination project

- Study on Volunteer Cities/Towns, Using LCT-I

- Hold a Symposium

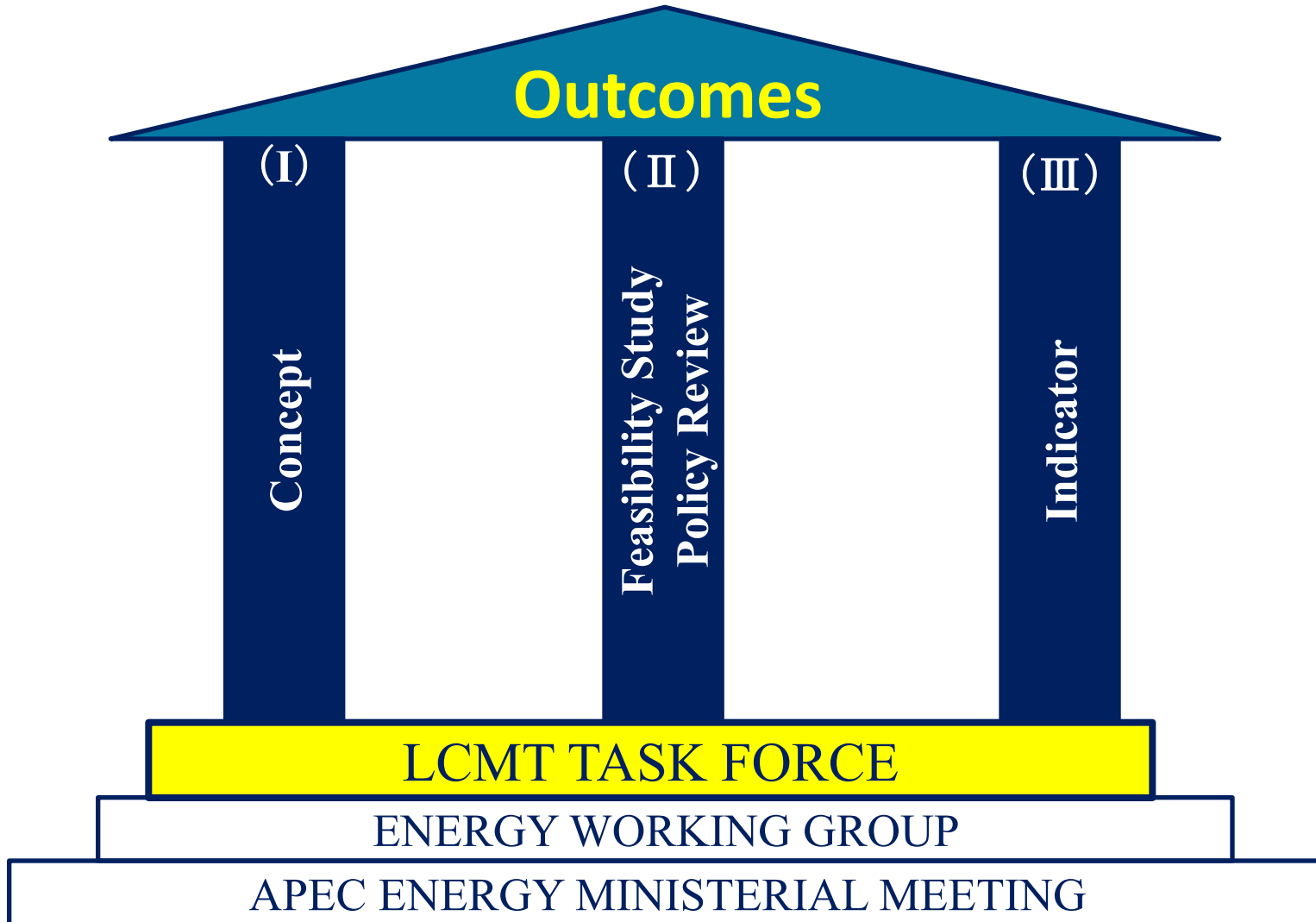
## ❑ Conclusion

### Declaration of the 9th APEC Energy Ministerial Meeting (Fukui, Japan, Sep. 2010)

- ❑ Establish a Task Force (LCMT-TF)
- ❑ Develop the concept of a Low Carbon Town
  - By conduct feasibility studies
- ❑ Share best practices
  - To encourage creation of low-carbon communities in urban development plans,

# Three Pillars of LCMT Project

---



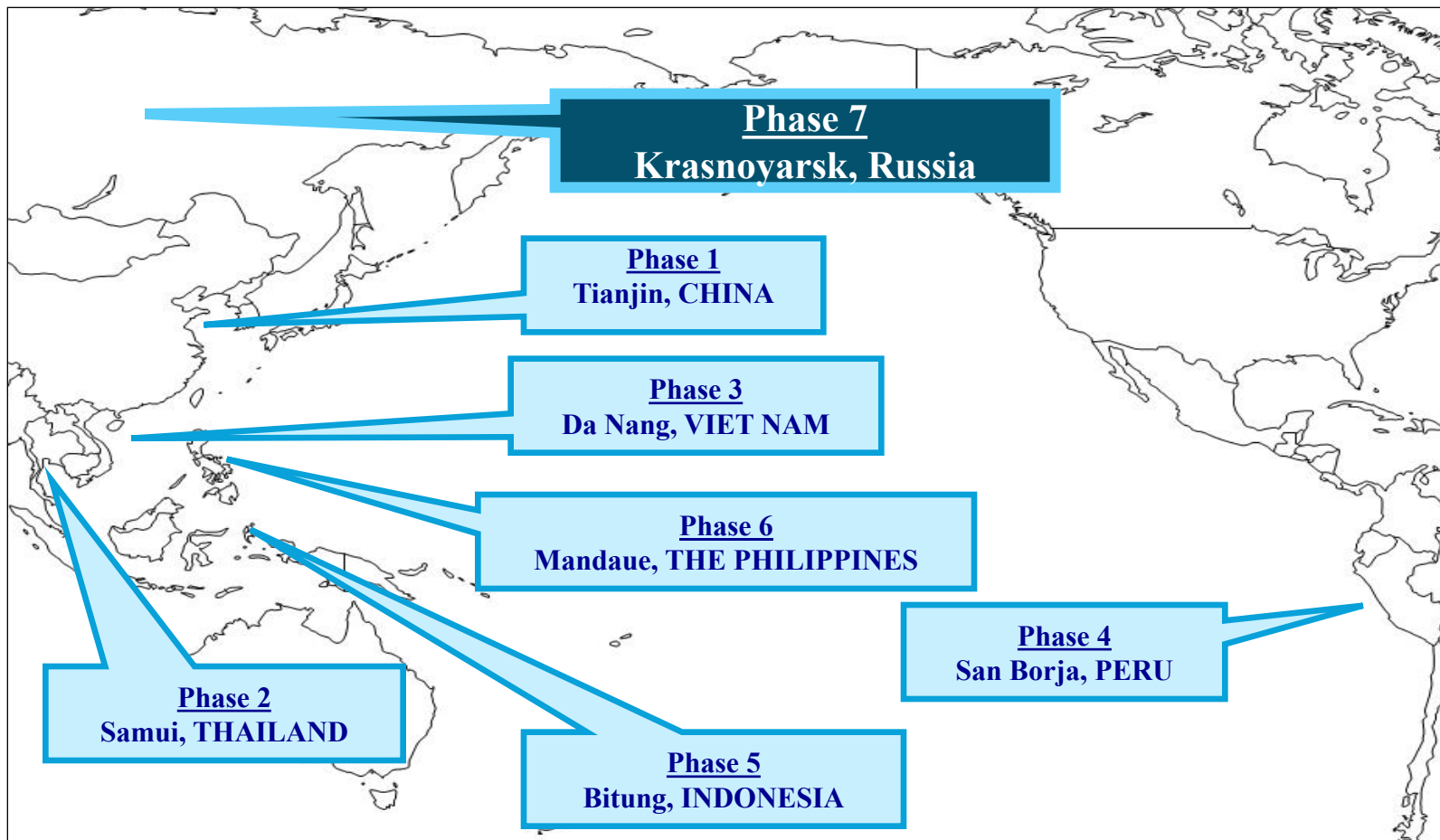
# Phase1-7, APEC LCMT Project

## (1) Feasibility Study (F/S)

- Develop low-carbon strategies for selected towns

## (2) Policy Review

- Policy review to realize low-carbon town development conducted by experts



# Achievements of LCMT Project (1)

## Develop “Concept” report

- ❑ Basic idea/principles
- ❑ Effective approach
- ❑ Guidance for towns/cities



### **The Concept of the Low-Carbon Town in the APEC Region**

Sixth Edition

Executive Summary

November 2016

APEC Energy Working Group

### Develop “LCT-Indicator”

- A set of self-diagnostic tool
  - ❑ Simple and easy to understand
  - ❑ For government officials' use
  - ❑ More than 30 items in 5 categories

# APEC Low Carbon Town-Indicator system

## Image of assessment result

### Overall Assessment Result

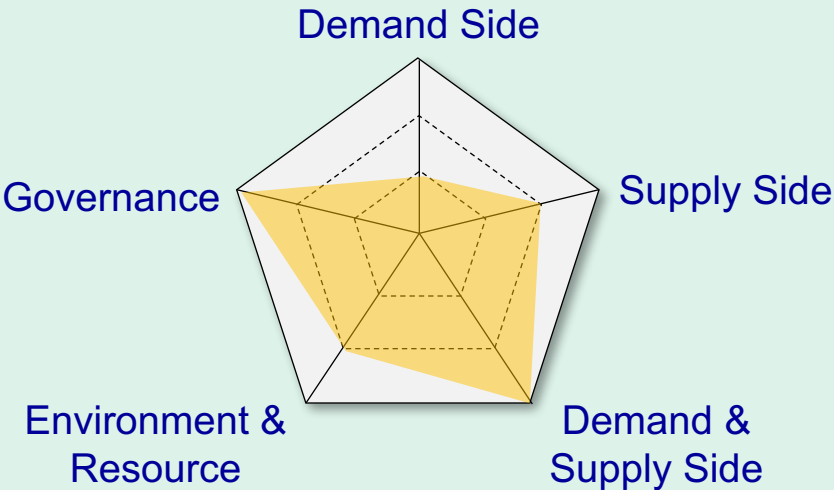
#### Overall Rank



Total Point  
average of (1)to(15) **2.5**

CO2 Reduction  
**470** t-CO2/year

#### Radar Chart

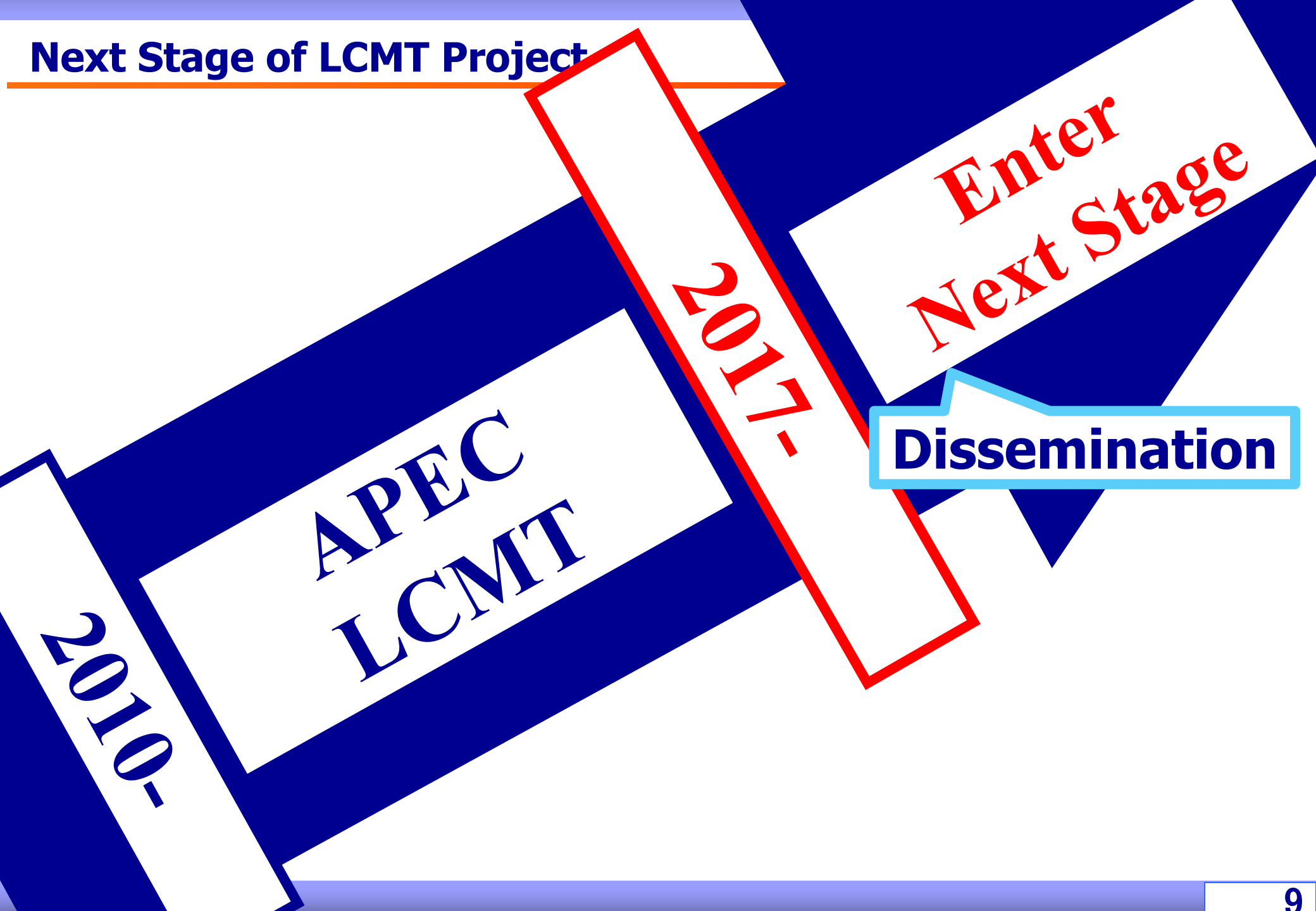


### Individual Assessment (more than 30 items)

	★	★★	★★★	★★★★	★★★★★
Required ...	████████████████████				
Optional ...	████████████████████				
Total (average)	████████████████████				



## Next Stage of LCMT Project



## Background, Dissemination, APEC LCMT Project

---

Instruction of the 12th APEC Energy Ministerial Meeting  
(Cebu, the Philippines, Oct. 2015, Extract)

We instruct the LCMT-TF to move the current LCMT Project into the next stage in order to disseminate Low-Carbon Towns in the Asia-Pacific region.

# Basic Idea for Dissemination of LCT

---

## □ Good practice of LCT-I on Volunteer Towns/Cities

- Seek volunteer towns
  - self diagnose using LCT-I
  - Identify the study area which could improvable
- Conduct study of the volunteer towns
- Share good practice of LCT-T among APEC region

## □ Introduce knowledge of LCMT

- Share information on
  - advanced LCT projects in the world
  - the previous LCMT case towns and LCT-I volunteer towns
- Introduce “Concept” which has lots of knowledge

# Transition of LCMT Project

## Phase 1 – Phase 6 (2011-2016)

Refinement of the  
“Concept” (including  
the LCT-I System)

Feasibility Study (full scale) of  
1 Case Town/ Year

Policy Review of  
the Case Town

## Phase 7 (July 2016 - December 2017)

Feasibility Study (full scale)  
of 1 Case Town(Krasnoyarsk)

Policy Review of  
the Case Town(Krasnoyarsk)

**Volunteer Towns  
Nomination/Selection**

**LCMT Symposium  
(Sep. 2017)**

## Dissemination Phase 1\* (July 2017 - December 2018)

**Feasibility Study (specific area)  
of 3 Volunteer Towns**

**LCMT Symposium**

\*Dissemination Phase 1 is now under fund-applying process for 2017 session1C

# LCMT Dissemination Project

## Phase 7

Volunteer Cities/Towns  
Self Diagnosis Using LCT-I

Review  
Team

Nomination / Selection of  
Volunteer Towns

Support for  
Selection

Volunteer  
Town A

Volunteer  
City B

Volunteer  
City C

Review of the  
LCT-I Evaluation  
Results

LCMT Symposium (Sep. 2017)

## Dissemination Phase 1\*

(July 2017 - December 2018)

Feasibility Study (specific area)  
of 3 Volunteer Towns

Volunteer Town A

Volunteer City B

Volunteer City C

LCMT Symposium

\*Dissemination Phase 1 is now under fund-applying process for 2017 session1C

# Current Situation of the Progress of Dissemination

---

## ❑ Volunteer Towns

- Invite nomination on Dec. 28th, 2016
- 5 cities/towns from 3 economies nominated by Feb. 28th, 2017

## ❑ Review Team

- Request for Nominations on Feb. 13, 2017
- Experts from HKC, Japan, Korea, Malaysia, CT, US were nominated

## ❑ Selection of Volunteer Towns

- To be decided by TF/EWG around this spring

# The 1st LCMT Symposium in Jakarta on Sep. 2017

---

## □ Objectives

- Share information on advanced LCT projects in the world including the previous LCMT case towns in the APEC region
- Promote the use and recognition of the LCT-I System as a tool to disseminate the LCT in the APEC region
- Explore possibility of utilising the LCT-I System to develop bankable low-carbon development project in APEC developing economies
- Gather feedbacks from experts and delegates of LCT projects for the improvement of the LCT-I System

## □ Speakers

- Developed APEC economy and a developed country outside the APEC region
- Financial institution (e.g. World Bank, ADB, etc.)
- LCT-I Volunteer Towns
- Review Team

## □ Audience

- Welcome from whole APEC Economies

# Conclusion

---

- **APEC Low-Carbon Model Town (LCMT) Task Force has played a important role in conducting the LCMT Project since 2010 directed by Energy Ministers.**
- **The Concept of APEC Low-Carbon Town (LCT) and the LCT Indicator have been developed through feasibility studies for wide range of towns in various economies.**
- **LCMT Project is moving to dissemination stage.**
- **Volunteer towns is expected to make good practice of LCT with review team.**
- **A symposium will be held to disseminate our knowledge and good practices among APEC region in cooperation with APEC LCMT, LCT-I volunteer towns, experts and review team.**



**Thank you for your kind attention!**