



**Asia-Pacific  
Economic Cooperation**

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**2017/EWG/EGEEC50/005**

## **Progress Report of Low-Carbon Model Town Project**

Purpose: Information  
Submitted by: Japan



**50<sup>th</sup> Expert Group on Energy Efficiency and  
Conservation Meeting  
Moscow, Russia  
6-7 October 2017**

# **Progress Report of Low-Carbon Model Town (LCMT) Project**

**Oct. 2017**

**LCMT-TF Secretariat**

**METI, Japan**

# Background, APEC LCMT Project

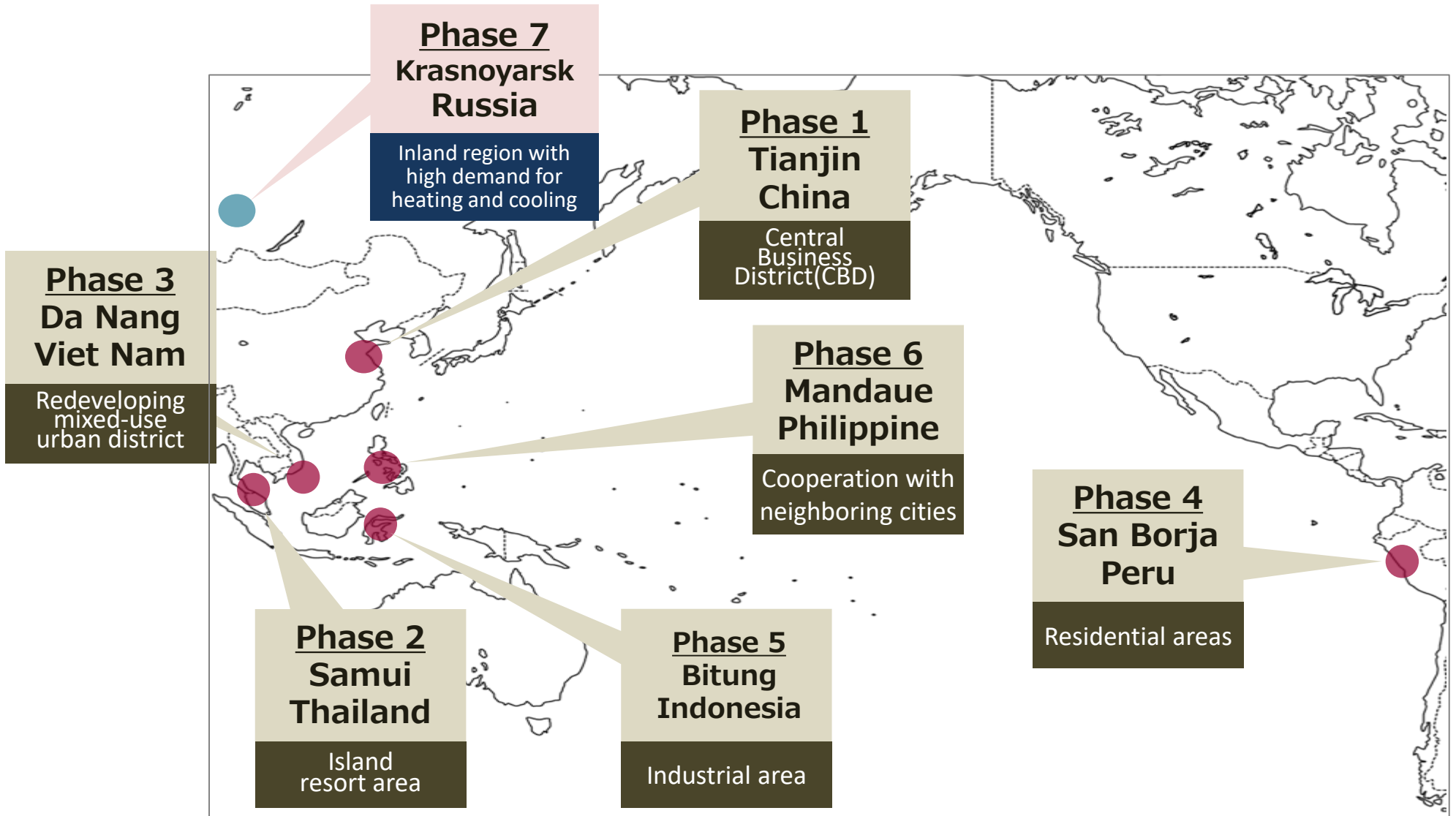
## Declaration of the 9th APEC Energy Ministerial Meeting (Fukui, Japan, Sep. 2010)

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

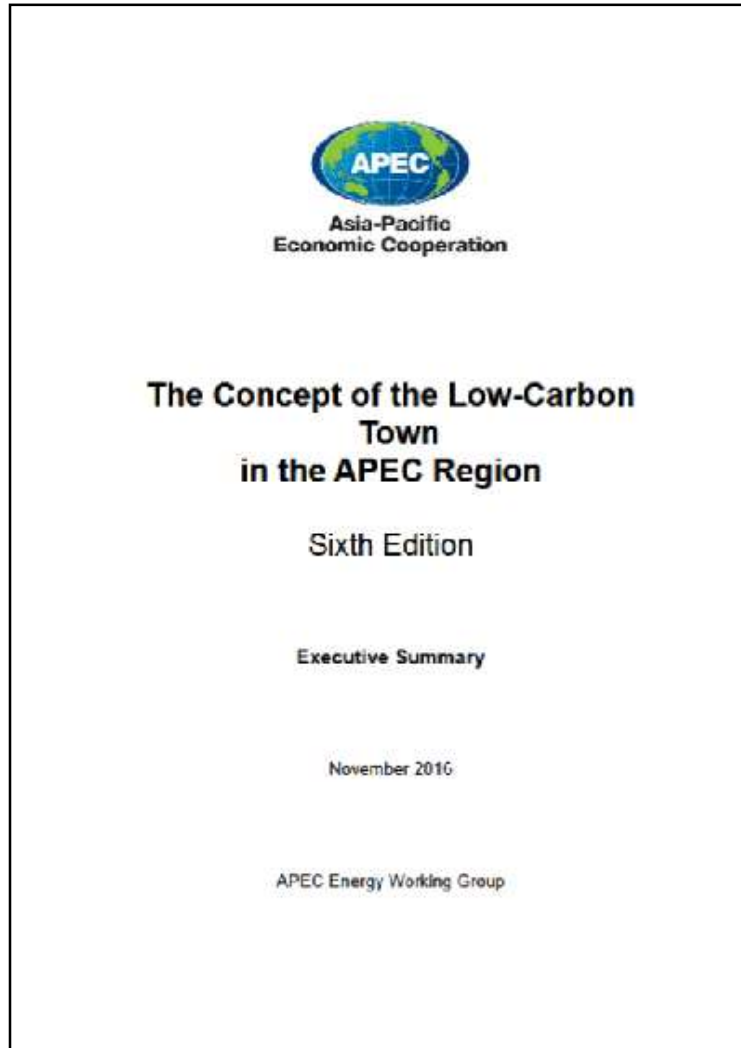
## Instruction of the 12th APEC Energy Ministerial Meeting (Cebu, the Philippines, Oct. 2015, Extract)

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.

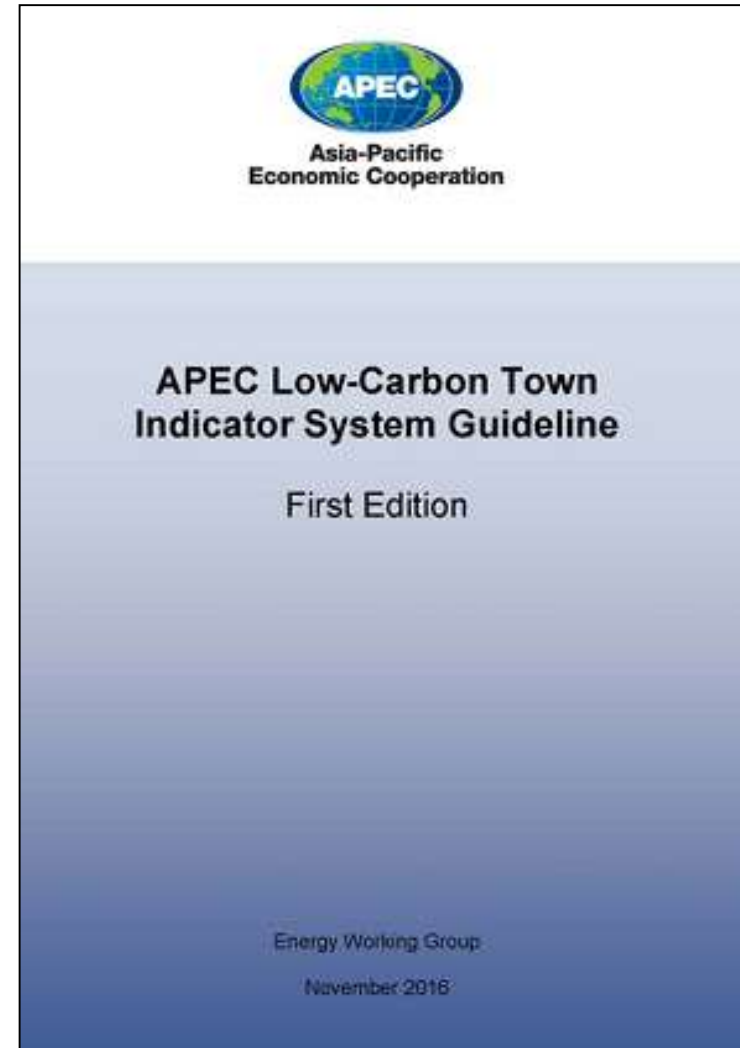
# Case Towns of Feasibility Study and Policy Review



# The Concept and the LCT-Indicator System



The Concept of the Low-Carbon Town in the APEC Region (Sixth Edition)  
[http://publications.apec.org/publication-detail.php?pub\\_id=1796](http://publications.apec.org/publication-detail.php?pub_id=1796)



APEC Low-Carbon Town Indicator System Guideline (First Edition)  
[http://publications.apec.org/publication-detail.php?pub\\_id=1797](http://publications.apec.org/publication-detail.php?pub_id=1797)

# APEC Low Carbon Town-Indicator system

## Image of assessment result

### Overall Assessment Result

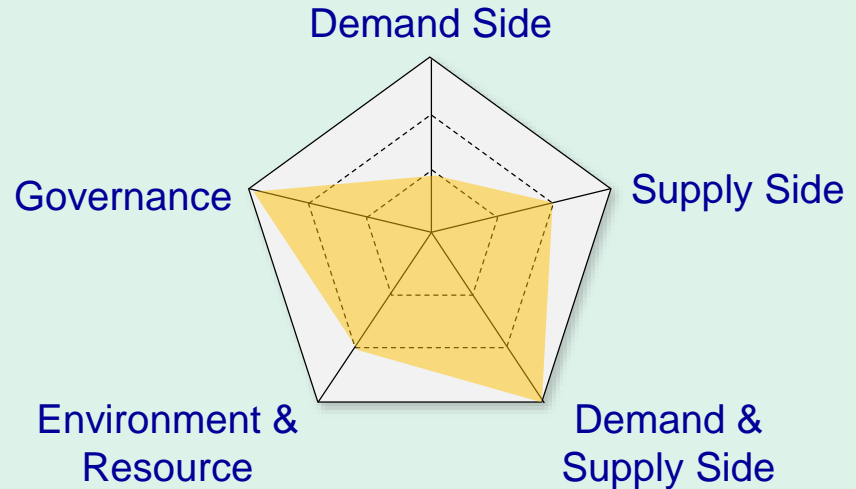
#### Overall Rank



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)	████████████████████				

# Transition of LCMT Project

## Phase 1 – Phase 6 (2011-2016)

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

Feasibility Study (full scale) of the Case Town

Policy Review of the Case Town

## Phase 7 (July 2016 - December 2017)

Feasibility Study (full scale) of Krasnoyarsk city

Policy Review of Krasnoyarsk City

Volunteer Towns Nomination/Selection

**LCMT Symposium (Sep. 2017)**

## Dissemination Phase 1 (Aug. 2017 – Dec. 2018)

Feasibility Study (specific area) of 3 Volunteer Towns

Volunteer Towns Nomination/Selection

**2<sup>nd</sup> LCMT Symposium**

## Dissemination Phase 2 (The Concept Note to be submitted for APEC fund)

Feasibility Study (specific area) of Volunteer Towns

Volunteer Towns Nomination/Selection

**3<sup>rd</sup> LCMT Symposium**

# Transition of LCMT Project

Krasnoyarsk city

FS Consultant: Nikken Sekkei Research Institute

Phase 7 (July 2016 - December 2017)

Feasibility Study (full scale)  
of Krasnoyarsk city

Policy Review  
of Krasnoyarsk City

Volunteer Towns  
Nomination/Selection

**LCMT Symposium  
(Sep. 2017)**

Banda Aceh City, Indonesia

Hang Tuah Jaya, Malaysia

Shah Alam City, Malaysia

FS Consultant will be selected  
through open tendering process

Dissemination Phase 1 (Aug. 2017 - Dec. 2018)

Feasibility Study (specific area) of 3 Volunteer Towns

Volunteer Towns  
Nomination/Selection

**2<sup>nd</sup> LCMT Symposium**

Call for nomination - Next Volunteer Towns





**1st APEC Low-Carbon Model Town Symposium  
14-15 September 2017, Jakarta, Indonesia**

# Key Objectives of Dissemination Phase

- **To disseminate the basic ideas and effective approaches of the Concept through utilizing the LCT-I System, which helps evaluate the progress and status of low-carbon development of various area in the APEC region;**
- **To provide Feasibility Studies of a specified area of low-carbon development projects selected as the LCT-I volunteer towns in the LCMT Project and identify how to improve the low-carbon development plans through the Feasibility Studies; and**
- **To share best practices and real-world experiences of low-carbon town design with planners and policy makers throughout the APEC region.**

**Thank you for your kind attention!**