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

29th Mar. 2017

Agency for Natural Resources and Energy
METI, Japan
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
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

(Ⅰ) Concept

(Ⅱ) Feasibility Study
Policy Review

(Ⅲ) Indicator

Outcomes

LCMT TASK FORCE

ENERGY WORKING GROUP

APEC ENERGY MINISTERIAL MEETING
Phase 1-7, 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
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**

- Demand Side
- Supply Side
- Environment & Resource
- Governance

**Individual Assessment (more than 30 items)**

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Next Stage of LCMT Project

APEC LCMT

Dissemination

2010

2017

Enter

Next Stage
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 session 1C
LCMT Dissemination Project

Phase 7

Volunteer Cities/Towns

Self Diagnosis Using LCT-I

Nomination / Selection of Volunteer Towns

Volunteer Town A
Volunteer City B
Volunteer City C

Support for Selection
Review Team

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

*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
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
APEC Low-Carbon Model Town (LCMT) Task Force has played an 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 a 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!