



**The 7th Meeting of Low Carbon Model Town Task Force (LCMT TF)
The 47th APEC Energy Working Group and Associated Meetings
Kunming, China, 19 May 2014**

The Future Plan of Low-Carbon Town Indicator (LCMT-TF7-04.2a)

Kazutomo Irie

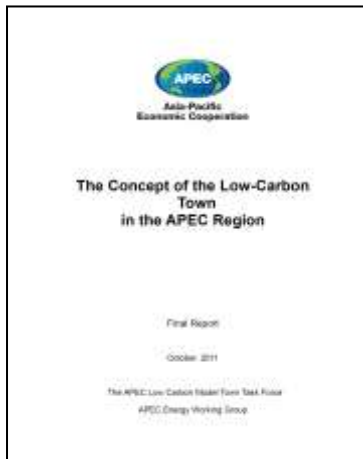
General Manager, Asia Pacific Energy Research Centre (APEREC)



Asia-Pacific
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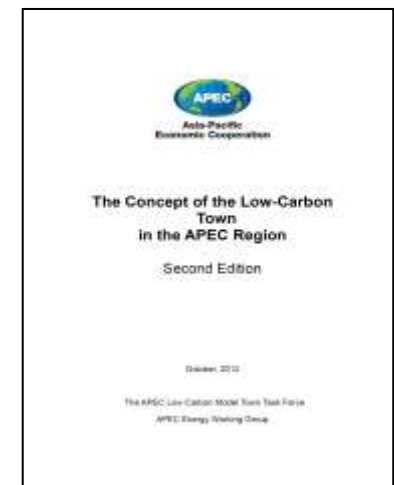


“The Concept of the Low-Carbon Town in the APEC Region”



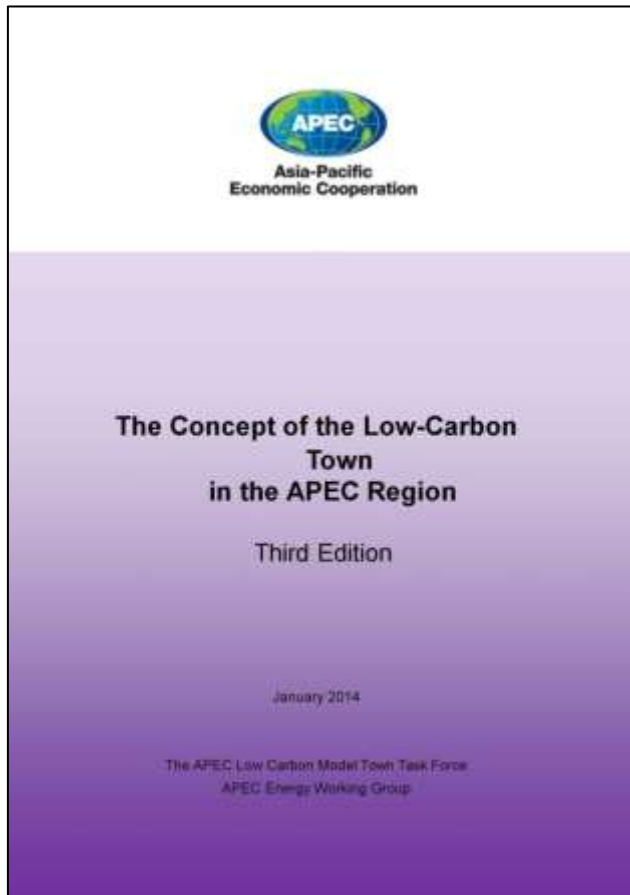
- To provide **a basic idea of what is a low- carbon town** and **an effective approach** on how to develop it
- To provide a basic principle that can assist the central and local government officials of member economies in planning effective low-carbon policies and in formulating **an appropriate combination of low-carbon measures**

- To try to be comprehensive in the 1st Edition, but rather focus on **greenfield development** (such as Yujiapu, Tianjin, China; the case of LCMT Phase 1) in retrospect
- In the 2nd Edition, refinement was focused on **resort area** (such as Samui Island, Thailand; the case of LCMT Phase 2)





“The Concept of the Low-Carbon Town in the APEC Region”



- In the latest 3rd Edition, refinement was focused on **redevelopment of an existing town** (such as Da Nang, Viet Nam; the case of LCMT Phase 3)

- Please see the following URL.

http://publications.apec.org/publication-detail.php?pub_id=152



The Future Plan of the APEC Low-Carbon Town Indicator

- **Goal**

- To establish Low-Carbon Town Indicator (LCT-I)
- To add a guidance of LCT-I to “The Concept of the Low-Carbon Town in the APEC Region: Fourth Edition” as an appendix

- **Major Works**

- Based upon “APEC Low Carbon Town Indicator: Feasibility Study Report “ compiled in APEC LCMT Phase 3, major additional works will be as follows:
 - Sensitivity Analyses
 - Cooperation with international standardization of smart community



The Future Plan of the APEC Low-Carbon Town Indicator

- **Schedule**

- Early June 2014 Select a consultant for outsourcing sensitivity analyses
- 22 June – 2 July 2014 LCMT Study Group A Mission Trip
 (Vancouver, Calgary, Toronto and Philadelphia)
 Discuss with experts of international standardization
- 31 August 2014 Complete the 1st Draft of “the Concept: 4th Edition”
 Circulate to Study Group A and LCMT TF Members
 to invite comments
- 31 October 2014 Finalize the Draft of “the Concept: 4th Edition”
- November 2014(TBC) Report to LCMT TF at EWG48



The Future Plan of the APEC Low-Carbon Town Indicator

- The future plan of APEC LCT-I will be further elaborated by Mr. Michinaga Kohno, a member of both LCMT Study Group A and LCMT Task Force, in relation with international standardization.



Other Refinement of “the Concept”

*** Other points proposed for refinement of “The Concept”**

1. Solid Waste Management

- From the viewpoint of energy demand
- From the view point of energy supply: methane gas recovery, waste power generation, etc.

Cf. Water treatment added in the 3rd Edition

- Sustainable use of water ; (1) tap water infrastructure, (2) small hydro power, (3) biogas, (4) reuse of drain water, (5) space utilization for tap/drain facilities(e.g. solar power) and (6) reuse of water in commercial buildings.

2. Any other points found during Mission Trip by Study Group A



Thank You for Your Attention!

**APERC looks forward to cooperating with
you in the future**

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