## APEC Self-Funded Project Proposal Coversheet

Please submit through APEC Secretariat Program Director.

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| **Project Title:** | APEC Low Carbon Town Plan and Design Contest  |
| **Project Number** **(Assigned by Secretariat):** |       |
| **Committee /** **WG / Sub-fora / Task-force:** | EWG / EGNRET |
| **Proposing APEC economy:** | China |
| **Co-sponsoring economies:** | Hong Kong, China; Chinese Taipei; Singapore |
| **Date approved by fora:** |  |
| **Expected start date:** | 1 May 2013 |
| **Expected completion date:** | 31 December 2014 |
| Project summary:Briefly describe the project. Your summary should include the project topic, planned activities, timing and location: | Development of low carbon towns supports excellent opportunities to reduce energy consumption. Design methodology for low-carbon buildings and towns is very different to traditional process. To promote the concept of low-carbon towns, enhance the public awareness of low-carbon buildings, demonstrate the effectiveness of green building design, share knowledge on low-carbon town design, the organizer will hold an international contest on low-carbon building and towns design for selected demonstrative buildings and towns in China. The winner of the contest will get the contract for the projects. The organizer will assist the winner to start business in China. The contest will also align with other international organizations like EU, World Energy Council, IEA and Energy Charter. This contest is a process of exploring and sharing knowledge of energy-efficient buildings and low-carbon towns. Contest will be held within different groups: college students, professionals and the public. The project will consist of three phases, (1) May 2013, contest rules to compose and start to invite teams (2) Jul 2013, team start design process with support from the organizer, (3) Oct 2014, board members to choose outstanding teams and award will be announced. |
| **Total cost of project (USD):** | 130,000  |

***Project Overseer Information and Declaration:***

***Name:***  Wang Kewen

***Title:***  *Director of International Cooperation Department*

***Organization:*** *China Industrial Overseas Development & Planning Association (CIODPA)*

***Postal address:*** *17/F, Tower A, Lar Valley International, No. 168 Guang An Men Wai Street ,Xi Cheng District, Beijing 100055, PRC*

***Tel:***  0086-010-63259011,1362132004 ***E-mail:***  kw\_wang@263.net

As Project Overseer and on behalf of the above said Organization, I declare that this submission was prepared in accordance with the **Guidebook on APEC Projects** and any ensuing project will comply with said Guidebook. Failure to do so may result in the BMC denying or revoking funding and/or project approval. I understand that any funds approved are granted on the basis of the information in the document’s budget table, in the case of any inconsistencies within the document.

*Name of Project Overseer*

*Name of Fora Chair/Lead Sheppard*

**Date:** 2013/03/04

**Project Synopsis**

1. Relevance: Why should APEC undertake this project? What problem or opportunity will the project address and why is it important?

The issues of energy security and energy efficiency are increasingly crucial to economic prosperity and environmental sustainability in the Asia-Pacific region.

The idea for transforming towns into low-carbon ones was conceived in June 2010 at the ninth APEC Energy Ministerial Meeting in Fukui, Japan. Yujiapu, about 40 km east of Tianjin, was chosen as the first test case. The Low Carbon Model Town project was launched in 2010 and is part of the ‘Green Growth’ initiative for APEC 2011, which envisages addressing climate change by promoting climate-friendly, low-carbon and energy efficient technologies.

In implementing the APEC Ministers’ instructions, to strengthen the communication and cooperation with APEC economies in low-carbon towns, to collect advanced low carbon energy, and to promote low carbon building and low carbon town plan, the organizer expects to take this contest as a great opportunity to achieve the goals of creating green and energy-efficient communities and better environment both for living and sustainable development. The whole project will set a good example for all developing countries. It is also a good platform for communication and experience sharing among developing and developed countries.

1. Objectives: Describe the 2-3 key objectives of the project. (e.g., to... create a framework...; ensure participants will be able to...; share experiences...; enhance understanding...; develop recommendations...; build interest...; revise strategies... etc.)

CIODPA is planning to make use of this contest to promote the concept of low-carbon towns, enhance the public awareness of low-carbon buildings, demonstrate the effectiveness of green building design, and share knowledge on low-carbon town design.

1. Alignment: Describe how the project will help achieve APEC’s key priorities and meet your forum’s work-plan or medium-term plan.

The Low Carbon Model Town project was launched in 2010 and is part of the ‘Green Growth’ initiative for APEC 2011. Energy cooperation has long been a key priority for APEC.

St. Petersburg Declaration publicized in 2012 APEC Energy Ministerial Meeting, Improved Energy Efficiency has been stated as the most environmentally sound and the cost effective ways to address energy security, economic growth, and climate change. Particularly, combined the Energy Smart Communities and other initiatives, the successful progress of APEC Low Carbon Model Town (LCMT) was been underlined.

The contest will also align with other international organizations like EU, World Energy Council, IEA and Energy Charter. This contest is a process of exploring and sharing of knowledge of energy-efficient buildings and low-carbon towns. Meanwhile, the benefit of having greener and more ecological environment and communities will be enjoyed by all the participating members and parties in APEC, and eventually stimulate both economic and environmental development in APEC region.

1. **Methodology: How do you plan to implement the project? In this section, address:**
* ***Timeline:* Project timelines and dates for key activities and deliverables**
* ***Stakeholders:* Beneficiaries and stakeholders (APEC & non-APEC) and how they will be engaged**
* ***Previous projects/activities:* If and how this proposal builds on the findings or lessons learned from previous projects/activities, while avoiding duplication**
* ***Communication:* How you plan to communicate the results or benefits of this project to others**
* **Timeline:**

Contest will be held within different groups, college students, professionals and public. The project will have three phases, (1) May 2013, contest rules composed and start to invite teams (2) Jul 2013, team start design process with support from organizer, (3) Oct 2014, board members to choose outstanding teams and award will be announced.

The project will include the following tasks:

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| Activity | Deliverable | Deadline |
| Designing contest solutions, including background, plan, organization mode, etc. | contest solutions | Feb. 2013 |
| Composing contest rules，including work requirements, entry requirements, appraisal method, appraisal standards, etc. | Participating and rating requirements and standards | March 2013 |
| Contacting and inviting contest teams  | Final invited teams  | July 2013 |
| Board members to choose outstanding teams and award will be announced. | Award announced | Oct. 2014 |

* **Stakeholders:**

The beneficiaries and stakeholders of this contest may include all participating or non-participating APEC and non-APEC government, organizations, or individuals. Particularly low carbon town related individuals, experts, consulting firms, research institutes, universities, enterprises, and government branches.

* **Previous projects/activities:**

Lead by China’s National Energy Administration in Beijing, China Industrial overseas Development and Planning Association（CIODPA） have maintained close communication and cooperation to APEC economies and their Embassies in China, engaging in the promotion of bilateral and multilateral investment cooperation

China Industrial Overseas Development and Planning Association has carried out and cosponsored many successful events and projects in regarding to low-carbon, high energy-efficient towns and buildings. For example, initiated by China Industrial overseas Development and Planning Association, the project of APEC Low-carbon Model Town Creative Development Models Research will start this year. CIODPA has also taken part in the low-carbon town construction projects in Yujiapu, Tianjin and Dalian Best City, the ecological construction project in Dalian. All these activities have enabled CIODPA to gain abundant experience and information on low-carbon town related issues.

* **Communication:**

Winning entries will getting the following contracts of the low-carbon town construction projects with assistance from CIODPA. To further disseminate the information, the winning entries will be posted on the APEC EGNRET website. The contest official website will also be open for public access.