



International Training Course

Eco-city Planning and Climate Change

*Increase your city's competitiveness and quality of life
designing, planning, developing sustainable future cities*

International Urban Training Centre (IUTC), Republic of Korea

Supported by Gangwon Provincial Government, ROK

In Partnership with UN-HABITAT

Training Period : 19 ~26 August 2014

Application Deadline : 1 August 2014

Venue: International Urban Training Center (IUTC), ROK

Objectives

One of the objectives of the course is to provide the participants with basic planning and tools, techniques to effectively prepare, design, plan and develop their own environmentally and economically sustainable cities in response to climate change.

The course will enhance the participants' understanding about the concepts and principles, and major paradigms of the eco-city and expose them to the various approaches that have been adopted by cities and national governments **to create green cities that can cope with climate change** facing the cities of developing countries as well.

The course will also enable participants to get acquainted with selected case cities and best practices that will be presented throughout the course in the forms of case study presentations and practical exercises.

Finally, the course will provide the participants with a unique opportunity to broaden their knowledge and insights about their own creative cities through group exercise and presentation on practical city planning so that they can make linkage to a follow-up activity after the course completion, based on the planning map they will practice during the course.

Background

It is estimated that over 50% of the world's population now lives in cities and urban areas. These large communities provide both challenges and opportunities for environmentally-conscious developers, and there are distinct advantages to further defining and working towards the goals of sustainable cities.

Generally, it is agreed that a sustainable city should meet the needs of the present without sacrificing the ability of future generations to meet their own needs.

In 1987, the World Commission on Environment and Development defined that "sustainable development should meet the needs of the present without compromising the ability of future generations to meet their own needs." And In Rio Earth Summit in 1992, Agenda 21 has been emphasized as an action programme which sets out how individual nations can start to translate concepts of sustainable development and biodiversity to practical policies and actions.

A sustainable city or eco-city is a city which has adopted the principles of ecological balance in all of its development approaches and activities. Development of such cities will be based on the principles of sustainable development – i.e. the development that targets not only for the present generation but also for the future generation. An eco-city will balance the natural and built up environment so as to have their co-existence. The environment is the major concern for such city development plans.

A new idea of **a low carbon green city** has recently appeared as a way to fight against climate change. The low carbon, green city intends to systematically incorporate mitigation and adaptation measures to enable the city to respond to climate change through a well-planned and designed urban environment. Through

International Training Course : **Eco-city and Climate Change**

19-26 August 2014

International Urban Training Center (IUTC)

such a plan, the low carbon, green city can improve the energy efficiency and water use within a city, and promote the development of green fields and wind power, all of which are part of the climate agenda.

The eco city planning will be the integrated planning of socio-cultural, economic physical and environmental dimensions of the city. This planning concept will be based on the sustainable economic growth and environmental balance of the city

In this context, the future eco-city should be designed with a consideration of environmental impact, a city inhabited by people dedicated to minimization of required inputs of energy, water and food, and waste output of heat, air pollution and water pollution as well as climate adaptive efforts.

One of the key part to achieve this is to create the minimalist possible eco-footprint, and to produce the minimum quantity of pollution possible, to efficiently use land; recycle energy, and develop renewable energy, thus the city's overall contribution to climate change could be minimal in the new era.

Course Content

The course will be conducted in a practical and problem solving manner. It will comprise of lectures, case study presentations, practical exercises, group work about the various dimensions of eco-city development processes and climate change adaptation and mitigation. The focus is on designing, planning and developing the participants' own green cities through practical exercises on eco-city components and group work for developing action plan to implement as a follow-up project upon their return. Therefore, it is requested that participants bring their own case studies and city's topographical maps from their cities with them, including city status and plan, specific environmental and economic problems and assets, components such as waterways, stream restoration, wastewater treatment, roads, energy consumption, climate change, key challenges and opportunities etc.

The first part of the course will focus on theoretical background on the key concepts and principles of eco-city and sustainable development, and planning process of an eco-city, circulation, diversity, self-reliance, and stability in structural and functional aspects of a city. Therefore, brief discussions and exploration on the problems of future cities and paradigm shifts between the past, present and 21st century will be introduced.

The second part will focus on designing the cities based on the policies and technology on land use, waterfront development and watershed conservation, environmental and ecological planning and restoration, water use, energy efficiency on buildings and architecture, climate change adaptation and mitigation, urban CDM in the context of low carbon green growth. Emphasis is on techniques and methods for replicating in the participants' low carbon green eco-city design and planning in an integrated manner.

The final part of the program will provide the participants a unique opportunity to select some participants' cities as a demonstration city and ask them to design their own eco-city in a holistic way, making full use of all possible assets and resources

including drawing the eco-city map. This is intended to make linkage to a follow-up activity or project after the training completion.

Expected Outcomes

The participants will be exposed to a number of experiences, lessons and practices and be provoked to reflect on the approaches and results achieved by different cities analyzed during the course. This will broaden their knowledge and get them acquainted with specific local issues that may be similar to those they face in their own country of origin.

Course participants will be stimulated to work within an interactive learning environment and to think with actual methods and techniques in action planning and development of their low carbon green eco-cities that can cope with global climate change. This will help participants to improve their skills in managing solutions and alternatives meaning that their capacity to formulate and implement green-city design and planning will be substantially improved.

Participants are expected to bring examples of problems, city maps, eco-city approaches and development plan, climate change adaptation and mitigation approaches in their own cities so that the training can also be used to help them solve problems by applying the lessons and best practices introduced in the course to their own cities.

Duration: 8 Days (19~26 August 2014)

Venue: IUTC Eco-complex (International Urban Training Center)
341-6 Saengtaegongwon-gil, Bukbang-myeon, Hongcheon-gun,
Gangwon Province 250-884, Republic of Korea
Tel. +82-33-2486584~5 Homepage: <http://iutc.gwd.go.kr>

Contact:

Yeonghoon Kim, Program Specialist
Mobile: +82-10-25335646, +82-10-52029380

Banghee Wee, Program Specialist
Mobile: +82-10-6376-7610

Email : bluesky11301@naver.com

Target audience

Practitioners, urban managers, policy makers, senior executives and officials of local governments working in the field of city planning and climate change will find the course extremely useful. Senior staff from NGO's and academic institutions will also benefit from attending the course.

This training course is strongly recommended for those city leaders that are planning to develop economically and environmentally, socially viable future cities as well as the ones that can cope with climate change, and to make follow-up implementation projects in the practical manner.

List of Resource People (Tbc)

- ✓ Kwi-Gon Kim, Emeritus Professor of Seoul National University, Director of IUTC, Korea
- ✓ Anne-Isabelle Degryse-Blateau, Director of UNDP Seoul Policy Center
- ✓ Dr. Monali Ranade, Senior Environmental Specialist on Climate Change, World Bank
- ✓ Linda Krippner, Linda Consulting Co., USA
- ✓ Dr. Hee-seon Choi, Senior Researcher, Korea Environment Institute
- ✓ Dr. Gi-jeung Eom, Senior researcher, Climate Change Research Institute of Korea (CRIK)
- ✓ Research Institute for Gangwon
- ✓ Officers from Chuncheon City and Gangwon Provincial Government
- ✓ IUTC program specialists etc.

Organizing Institutes

- Jointly organized by **IUTC, UN-HABITAT and World Bank**

Number of Participants: 25 persons (or more)

How to apply and submit documents

Applicants must fill out the application form and submit to:

Yeonghoon Kim & Banghee Wee (IUTC) : bluesky11301@naver.com

*** Please send your application files to the email account above, not by fax.**

Participants are requested to prepare a case study and bring relevant data from their respective cities to be used during the training sessions with a view to developing implementation plans. Detailed information in this regard is provided below.

In order to apply for the course, each applicant is requested to submit:

- ✓ An application form (in type, not handwritten) : This form should be submitted in MS Word format, never in PDF, JPEG, nor by FAX. Only the signed page 4 could be scanned as you need official signature from your organization as an approval sign of your training participation.
- ✓ A scanned passport copy (passport needs to be valid for more than 6 months from the departure date from Republic of Korea)
- ✓ A brief summary of the participant's case study on sustainable eco-city projects or themes in response to climate change (adaptation and mitigation) related to the course (MS Word format)
 - Name and location of selected site, project descriptions (goals and objectives, construction methods and techniques, monitoring and maintenance etc.), project outcomes (improvements achieved with photos before/after implementation, management etc.), improvement plan etc.
- ✓ At least one letter of recommendation from your employer/head
 - Don't use counterfeit signature or sign yourself as this letter should be used as a confirmation that you have been approved on the participation. In the case your false document is discovered, we will notify your organization/head of this and cancel your candidacy.

1. Application Deadline: 1 August 2014

Application forms are available from the IUTC homepage (<http://iutc.gwd.go.kr>) and can be submitted by:

- 1) E-mail : Download the application form and return the completed form and additional documents by email (bluesky11301@naver.com).
- 2) Online application : Complete the online application on the IUTC website

Please ensure that all candidates should submit the application forms, scanned passport copies, recommendation letters for each participant and the summary of the candidate's situation and expected benefits from the course and how to link to the project implementation in the participants' country or local area.

2. Selection Criteria

Applications will be more considered based on the following criteria and accepted on a first come, first serve basis.

- ▶ Demonstrated commitment to the development and implementation of the eco-city and climate change adaptation/mitigation program or project in the national, local, community level
- ▶ Nomination of **an appropriate person** who is able to participate effectively in the course and lead the subsequent process of sustainable eco-city project. The nominees must be conversant in English.
- ▶ Only the persons submitting their case study report on the eco-city and climate change could be considered as qualified applicants as below in PPT format:
 - a. Summary of eco-city and climate change projects you are engaging in including future implementation plan of what and how to upgrade after the

International Training Course : **Eco-city and Climate Change**

19-26 August 2014

International Urban Training Center (IUTC)

course, as the IUTC course strongly requires the participants to develop a practical demonstration project as follow-up implementation plan.

* *Refer to the attached file to include the requested information: Case study format for country report presentation (in PPT)*

- b. Application form (*typed-in and not hand-written*), scanned passport copy, official recommendation letter of organizational head with signature as well as agreement to the course attendance,

※ **Note.** Applicants who received a full scholarship of IUTC courses within 3 years are not qualified.

Timeline

1 August 2014

Deadline of Application

4 August 2014

Selection result announcement to successful candidates

- * Invitation letters for visa process and cooperation request in the Korean Embassy will be sent as requested in the application form.
- * Upon receiving email from IUTC, personal flight ticket purchase is strongly recommended for candidate's convenience while checking the price allowance with IUTC. Reimbursement will be made upon arrival at the IUTC.
- * **All participants must arrive at the IUTC by the evening hours of August 11th at the latest.** So, flight departure should be arranged according to this time frame.

14 August 2014

Submission of **full version or modified version of case study** if necessary (basic data and information) (**by Presentation format**)

15 August 2014

Submission of **visa copy** (for e-ticket issue from travel agency)

- * Once the flight ticket has been purchased, candidates on full scholarship are, in the case of cancellation, responsible for all flight cancellation charges or full round trip airfare depending upon the regulations stipulated by Airlines.

Scholarships and Course fees

IUTC covers all cost during the training period including field trip elements of this course.

The costs includes international airfare, accommodation and meals during the course. Please note that the training facility serves only twin bed rooms, so all participants have to share the room.

NB.

A. Forfeiture of Candidacy:

*Incomplete submission of all required documents to the IUTC, in particular, such as scanned visa copy **by designated date above** may be subject to the forfeiture of candidacy for training participation.*

B. No Extended Stay after the Course and No Change in Flight Schedule:

Once the training is over, all participants should return to their country according to the individual flight schedule reported to the IUTC until departure for Korea. IUTC is not responsible for nor supportive of any unauthorized or private changes.

C. Non –Smoking Enforcement:

Korean Government has been enforcing a strong non-smoking policy in public areas including streets so smoking within the premises of the IUTC is not allowed, except in a designated area outside the building.

Anybody breaking this rule should be imposed a fine of 70USD, which must be the responsibility of the violator.

D. No Alcohol Drinking at the IUTC:

IUTC does not allow visitors to drink alcohols at the accommodation.

Further Considerations

1. All trainees, except resource people, are requested to share each twin bed rooms by two people.
2. Local travel cost, visa fees, salary, DSA and related allowances are not covered by IUTC. Instead, IUTC takes safety/ accident insurance for each training participant.
3. Individual or unauthorized going out to downtown or sleeping outside is not allowed during the training period by IUTC regulations.

Other information such as pick up schedule at the airport to IUTC, weather conditions and clothing, facility use rules etc. will be posted by email, prior to your departure.

Daily program

To be developed soon

Introduction on the low carbon green cities

A tool guide for a question and answer on capacity building on capacity building and empowerment of sustainable low carbon green city development

Climate change programs/ certificate system etc.

Eco-system based approach to climate change adaptation

City climate change program

Cases of Climate change adaptation / mitigation from Korea/overseas countries

International Training Course : **Eco-city and Climate Change**

19-26 August 2014

International Urban Training Center (IUTC)

Developing action plans as a demonstration project

IUTC Introduction

The International Urban Training Center (IUTC), officially launched on 3 May 2007 as a joint collaboration between UN-HABITAT and Gangwon Provincial Government, Republic of Korea, aims to build the capacity of local governments, particularly in the Asia-Pacific region, to pursue sustainable urbanization in line with the United Nations Millennium Development Goals. Since its inception, Gangwon Province has been providing full support for the IUTC in partnership with UN-HABITAT.

With a focus on sustainable urban development, the IUTC provides cutting-edge training courses and materials for city leaders, policy makers and urban planners. Courses are designed to give participants hands on learning and the tools to develop and implement sustainable urbanization policies and programs in their communities.

The IUTC's core curriculum focuses on environmental restoration and strategic approaches to urban planning, and developing and maintaining ecologically sound communities. As part of the UN-HABITAT family, the center is devoted to promoting civil and human rights, decent shelter, as well as waste, water, sanitation, health and education services to communities mainly in the Asia-Pacific region. Until now 35 courses have been offered on sustainable planning and development.

Please deliver this material to your senior officials such as mayor, vice mayor, or director general for their personal attendance or making recommendation of the fittest to the course.

In the case they are not available to contact, refer this to the fittest person around your organization.

Thank you in advance for your interest and cooperation in the course and we will look forward to your successful recommendation/application.