"FUTURE CITY:
SMART DESIGN FOR POST-PANDEMIC WORLD"

INTERNATIONAL DESIGN COMPETITION

Content

ISCM

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COMPETITION INTRODUCTION

The global COVID-19 novel coronavirus pandemic has severe negative impacts on all aspects of the social life in 2020. It has rapidly spread around the world, posing enormous health, economic, environmental and social challenges to the entire human population.

As an estimated 70% of the world population will live in cities by 2050, architecture, urban design and planning against pandemic will become even more important in years to come.

But the pandemic also offers a chance to change and prepare for our future. This is the time for us to reshape the way our cities are built, maintained and lived in.

The question is: How should we shape our city for the unknown future?

Future city: Smart design for post-pandemic world is a first competition launched by Institute of Smart City and Management (ISCM), University of Economics Ho Chi Minh city (UEH) in partnership with University of Architecture Hochiminh city, Hochiminh city University of Technology, Handong Global University, Technical University of Mandalay, Blekinge Institute of Technology, Politecnico di Milano, Le Cnam, University of Melbourne. The competition is sponsored by HTE Global Co. Ltd, Handong Engineering and Construction Co. Ltd. and Korea Institute of Building Energy Technology. In this very first competition, participants are asked to look at the existing urban built environment and imagine how it should cope with the future pandemic.

Participants are free to either extend these existing areas and transform them, or propose a new design on a site of their choice.

This competition encourages participants to be bold and think outside the box. How can architecture, urban design and planning response to the resilience of city during and after pandemic outbreak.

Participants need to apply unique strategies and creative designs to tackle the disease crisis, taking technology development into account.

Promoter

University of Economics Ho Chi Minh city (UEH) - Institute of Smart City and Management (ISCM).

In collaboration with

Handong Global University (HGU)
University of Architecture Ho Chi Minh city (UAH)
Ho Chi Minh city University of Technology (HCMUT)
UNESCO UNITWIN
University of Melbourne, Australia
Politecnico di Milano (POLIMI)
Blekinge Institute of Technology (BTH)
Conservatoire National des Arts et Métiers (le Cnam)
Technological University of Mandalay (TUM)

Sponsors

HTE Global Co. Ltd.;
Handong Engineering and Construction Co. Ltd.;
Korea Institute of Building Energy Technology.

Scientific committee and organization

Scientific responsible: Dr. Trinh Tu Anh (ISCM – UEH)
Organisational coordinator: Le Quoc Viet (ISCM – UEH)

COMPETITION SCHEDULE

01/07/2020: Call for entries
15/07/2020: Final call for entries
18/07/2020: Deadline for requesting clarifications and publication of FAQs on the competition page.
30/08/2020 23:59 (UTC+7): Closing date for submission
08/09/2020: Announcement of the finalists
21/09/2020: Start of ISCM Workshop week
26-27/09/2020: Talkshows and start of Exhibition week
29/09/2020: Announcement of the Winners
03/10/2020: End of Exhibition week

Note: the deadline for asking for clarifications is 18/07/2020: questions and related answers will be anonymously published on the FAQ (Frequently Asked Questions) section of the competition page.
Email: ***iscm@ueh.edu.vn***

COMPETITION PROGRAM

Subject and aim of the competition

The objective of the competition is to visualize and design scenarios to shape future smart cities in which they can cope well with pandemics and other potential issues. We ask that you envision a scenario for an urban environment with an emphasis on how it will play a major role in preventing and maintaining the safety of its people during pandemics. The objective of the competition is to visualize the future urban environments and show how they change to adapt and keep their sustainability through pandemics, the new way urban activities and social interactions will take place in that new environment.

Topic to be taken into consideration

Relevant topics that have to be taken into account for the design of the scenarios are described below. As the aim of the competition is to envision future scenarios, the proposals can be wriggled out of today's technological limits, so it is possible to imagine and use tools that do not exist nowadays; social activities can be thought accordingly.
Topic of interest for the call are the following:
Public space; Urban Transportation; Urban residential building and area; Mix-used building.

Project area

The area of interest is the urban space and freely chosen by the participants. The recommended areas are where the social interaction activities take place vigorously or other places that have potential impacts on urban environment and its activities.

Required materials

Participants have to upload the required materials (listed as follows) following the instruction specified in this document. The required materials have to be delivered in digital version only, within the deadlines defined by this call and following the requirements listed below.

The uploaded material must not contain any information about the identity of the participants; the only except is made for the "identity code" of the group (given at the registered confirmation and need to be indicated on each produced document). Any failure to comply with the identity regulation will result in exclusion from the competition. The only file that must contain information about the identity of the participant is the Personal information sheet (info_ID.xlsx) that will not be given to the jury until the end of the final evaluation phase.

JURY PANEL

Dr. Tu Anh Trinh
Director of Institute of Smart City and Management
University of Economics Ho Chi Minh City

Dr. Ducksu Seo
Professor at Institute for Global Education
Handong Global University
Adj. Prof. of Institute of Smart City and Management

Dr. Kien TO
Affiliate of Institute of Smart City and Management
Senior Planner and Manager
Eight-Japan Engineering Consultants Inc. (EJEC)

Dr. Nguyen Luu Bao Doan
Head of Real Estate Department
University of Economics Ho Chi Minh City

Prof. Elena Marchigiani
Urban planning lecturer at the department of Engineering and Architecture
University of Trieste

Dr. Els Hannes
Faculty of Architecture & Arts
Hasselt University

MEng. Nguyen Quoc Vinh
Head of Architecture Department, faculty of Construction Technology
Ho Chi Minh city University of Technology

Dr. Tran Mai Anh
Deputy Director at International Training Institute
University of Architecture Ho Chi Minh city

Dr. Hoang Ngoc Lan
Vice-Dean of Urban Planning Faculty
University of Architecture Ho Chi Minh city

Prof. Catharina Nord
Department of Spatial Planning
Blekinge Institute of Technology

Prof. Pawinee Lamtrakul
Faculty of Architecture and Planning
Thammasat University

Adj. Prof. Christophe Soisson
Head of Master in eco-construction and sustainable city program
Conservatoire National des Arts et Métiers

Dr. Iderlina Mateo-Babiano
Senior Lecturer and Coordinator at Faculty of Architecture, Building and Planning
The University of Melbourne

Dr. Zar Chi Min
Senior Lecturer and Coordinator at Faculty of Architecture, Building and Planning
The Technical University of Mandalay

Quoc Thang Trinh
Urban designer & Project Manager
OMGEVING, Belgium

Dr. Daniel Adam Mbisso
Senior Lecturer and Head of the Department of Architecture
Ardhi University, Dar es Salaam, Tanzania

Dr. Barbara E.A. Piga
Assistant Professor
Politecnico di Milano - Departement of Architecture and Urban Studies
Laboratorio di Simulazione Urbana Fausto Curti

Dr. Karim Medjad
Chairman of International Development of the Enterprises
Conservatoire National des Arts et Métiers

Dr. Jean-Claude Ruano-Borbalan
Director of History of techno-sciences in society Laboratory
Conservatoire National des Arts et Métiers

Arch. Peggy Winkels
Faculty of Architecture and Arts
Hasselt University

Dr. Najla Fourati
Researcher at SATIE Laboratory
Conservatoire National des Arts et Métiers

Dr. Kim Vu
International Project Manager (DDEI)
Conservatoire National des Arts et Métiers

MATERIAL REQUIRED FOR THE ADMISSION (MANDATORY)

Personal information sheet identifying the participant, to fill in and deliver as follows:
File name: INFO_ID.xlsx (E.g: INFO_FCDC030.xlsx)
Quantity: 1
Format: *.xlsx
Pre-defined template: YES
Information request: all participant names and a group leader assigned, universities and basic contact information and panel file names, details as listed below:

·   Participant name
·   Participant role in the group
·   Participant university and faculty name and address
·   Participant nationality
·   Participant email
·   All file names

Note: this document will not be given to the jury until the end of the evaluation process

Eligibility proof identifying the legal status of the participants:

File name: UCONFIRMATION_ID.pdf (E.g. UCONFIRMATION_FCDC030.pdf)
Quantity: 1 (3 maximum)
Format: *.pdf
Pre-defined template: NO
Information request: photo(s) of student card, diploma and letter(s) of confirmation from the participant university.

Proposal summary document describing the main idea and best features of the proposal, to fill in and deliver as follows:

File name: SUMMARY_ID.docx (E.g. SUMMARY_FCDC030.docx)
Quantity: 1
Format: *.docx
Pre-defined template: YES
Information request: The proposal summary document describes the main idea and best features of the proposal. The submitted document must be in English and under 1000 words with the panel images attached.

Note: this document must not contain any reference to participants' identity, any failure to comply will result in exclusion from the competition.

Proposal panels describing the main idea and best features of the proposal, to fill in and deliver as follows:

File name: PANEL_NumberOfPanel_ID.pdf (E.g. PANEL_1_FCDC030.pdf)
Quantity: 3 (5 maximum)
Format: *.pdf
Pre-defined template: YES
Requirement:
•   All submitted files must follow the predefined template
•   Submitted file must not exceed 100mb per file
•   All text provided in panels must be in English
•   Information request: The panels describe the best features of the proposal

Recommended submission contents:

•   A cityscape drawing to illustrate how the proposal fits in the surrounding built environment;
•   A concept design development which highlights all aspects of the design that allow urban community fight against pandemic;
•   The main points of proposed plans and sections, multiple internal and external perspectives demonstrate the spatial quality of the building as well as operational needs and accessibility requirement, especially in how the proposal can foster the community resilient in time of pandemic;
•   A concept drawing to demonstrate the proposal approach to environment, energy, and sustainability in term of pandemic crisis.
•   Indoor & outdoor perspectives

Note: the file(s) must not contain any reference to participants' identity, any failure to comply will result in exclusion from the competition.

Presentation deliverable set:

Suggestion only, participants are free to choose their methods for drawings according to their intentions as long as they are clear and appropriate
•   Urban plan (suggest scale 1:500 or 1:1000)
•   3D visualization
•   Primary section (suggest scale 1:50 or 1:100)
•   Primary or typical floor plan (suggest scale 1:50 or 1:100)
•   Detail (envelope, structure, floorplan, operation plans, …)
•   Diagrams

Note: the file(s) must not contain any reference to participants' identity, any failure to comply will result in exclusion from the competition.

HOW TO NAME THE REQUIRED MATERIALS

All files submitted must be name as instruction in Material required for the admission (Mandatory), changing the "ID" wording with the "Identity code" assigned during the registration (for instance, the file SUMMARY_ID.docx must be renamed as SUMMARY_FCDC030, "FCDC030" is the "Identity code" given to participant along with the registered confirmation). Each delivered file must always contain the "Identity code" preceded by the symbol "_" (underscore) at the end of the file name (e.g. SUMMARY_FCDC030)

In case of Proposal panels (drawings), please changing the "NumberOfPanel" wording with the progressive number. The file name's number must also be matched with the ordinal numbers shown in the panels (for instance, the first panel will be named as PANEL_1_FCDC030). Each delivered panel file must always contain the "NumberOfPanel" and "identity code" each preceded by the symbol "_" (underscore) at the end of the file name.

SUBMISSION CONTENT

The content of each panel is suggestion only. Participants are free to choose their methods for drawings according to their intentions as long as they are clear and appropriate. However, the template needs to be complied in any situation, any failure to comply will result in exclusion from the competition.

	Document features	Format	Pre-defined template	Notes *Suggestion only*
Panel #1	3600 x 3600 pixel image	PDF	Yes	High-Resolution clear shot or rendering, showing the architectural project in a surrounding environment; an abstract summary (under 100 word) of the project written in English.
Panel #2	3600 x 3600 pixel image	PDF	Yes	A Shot or rendering of the project showing a different view, focus on details or interiors, or a view from the exterior or bird-eye; a short explanation (under 100 word) of the proposal features.
Panel #3	3600 x 3600 pixel image	PDF	Yes	A Shot or rendering showing a detailed view of the architectural project or focusing on a unique feature or planning feature; a short explanation (under 100 word) of the proposal features.
Panel #4	3600 x 3600 pixel image	PDF	Yes	Showing the project in the setting where the design is realized, or showing some further details from the architectural project, bird-eye view etc.; a short explanation (under 100 word) of the proposal features.
Panel #5	3600 x 3600 pixel image	PDF	Yes	An action shot, where users interacts with the architectural project, illustrations with people or intended users; a short explanation (under 100 word) of the proposal features.
Documentation	Under 500 words Max. 5 x A4 pages with panelsimage attached	DOCX; PDF	Yes	Explaining idea development, technical aspects, blue prints, details, commercial presentation or other notes about the architectural project, explosion, layered or sectional views if present.
Eligibility proof	No	PDF	No	A confirmation of participant legal status from their universities/institutes

JURY

The international jury will be composed by scientific experts and specialists, such as architects and designers, Smart City stakeholders, representatives of the business sector. The components of the jury will be officially formalized at the end of the evaluation procedure.

Evaluation criteria

The Jury will adopt the following criteria, considering the aim and objective of the competition and the representation of the proposed scenarios:
•   The ability of imagining, representing and communicating the scenarios of the smart city of the future;
•   The adaptation, resilient and sustainability of the proposal against the pandemic and other potential hazards;
•   Aesthetic quality of the presentation;
•   Level of innovation of the proposed solutions.

Selecting top 3 winners

Jury panel will produce a shortlist of 30 from all the submitted entries;
Jury panel will select 15 competition finalists from the shortlist;
Jury panel will evaluate the 15 finalists and select the top 3 winning projects and 10 honourable mentions.

Selecting sponsor favorite idea project

Our sponsor will select 1 project from finalists that have the most standout ideas.

Selecting most popular project

From the 1st of August 2020, all the finalist projects will be uploaded to ISCM community page at https://www.facebook.com/ISCM.ueh . On 28th of September 2020, the most liked and shared project will received the Most popular prize.

PRIZES

1st Prize: 2.500,00 $
2nd Prize: 1.500,00 $
3rd Prize: 500,00 $

Sponsor's Favorite Prize: 500,00 $
Most Popular Prize: 500,00 $

+10 honourable mentions

Closing ceremony

The competition will end with a ranking of merit for first three projects selected by the jury panel, one project selected by our sponsors, one project selected by the community and 10 more honourable mention projects. All 15 projects will be displayed at the exhibition opening during the ceremony, and will remain in

exhibition in ISCM office, University of Economics Ho Chi Minh city from 26th September to 03rd October of 2020. The results of the competition may be presented in other contexts and locations such as exhibitions and events.

The 5 projects selected by jury panel, our sponsor and community and 10 others with honourable mention will be officially notified by email address provided during the registration procedure (the one of the group leader). The results will be published on the competition website as well.

The closing ceremony will be held in ISCM office of University of Economics Ho Chi Minh city (Address) on the morning of the 29th September 2020 (The exact time will be published on the competition website and via email to all participants).

All participants will be acknowledged with Certificates of Achievement and competition winners will get Honorable Certificates of Achievement.

REGISTRATION TO THE COMPETITION

The registration and submission procedure must be done online by only the group leader:

•   Access and fill your information in the registration form of "Future city: Smart design for post-pandemic world" competition;

•   Once the registration is completed, you will received a confirmation email with the "Identity code" and the link to download the competition brief and guideline.

•   Link for registration: https://bit.ly/3gfWAET

The first call for application is the 1st of July 2020 and the last one is the 15th of July 2020.

Groups intended to take part to the competition have to identify a leader among the members of the group itself. The group can be composed by a single person (who will be considered the leader). The leader of the group can proceed with the online registration on the link previously mentioned. There is no registration fee. The limit number for group member is 3. Once the registration is completed, a unique "identity code" will be generated and send to the group leader via a registration confirmation email. This code must be indicated in all submitted materials to permit the identification of the group.

Note: Participants who register to this competition agree to the terms and conditions listed in the call.

CONDITIONS OF PARTICIPATION

ELIGIBILITY REQUIREMENTS

The competition is open to everyone who is of legal age. The participant to the competition is open to individuals and groups after completing registration and having identified a group leader.

COPYRIGHT AND PRIVACY

Participants who submit to this competition agree to the terms and conditions listed below:

a)   Participants retain copyright over their work, while allowing the organizers and sponsors to place this work under a Creative Commons Attribution License, which allows others to freely access, use and share the work, with an acknowledge of the work's authorship and of this competition as follows: "Future city: Smart design for the post-pandemic world (ISCM – UEH)"

b)   Participants can waive the terms of the Creative Commons License and enter into separate, additional contractual arrangements for the non-exclusive distribution and subsequent publication of this work (E.g. publish a revised version in a journal, post it to a repository or publish it elsewhere), with an acknowledge of this competition as follows: "Future city: Smart design for the post-pandemic world (ISCM – UEH)".

c)   In addition, participants are encouraged to post and share their work online (e.g., in repositories or on their websites) at any point after the closing of the competition, with an acknowledge of the competition as follows: "Future city: Smart design for the post-pandemic world (ISCM – UEH)".

Subscribing to the competition, participants accept without reserve the conditions of this call, agree to the handling of personal details and to the use of the produced materials according to the conditions previously mentioned and according to the terms in the provided Release Declaration document. Note that all participants must fill in and sign the Release document, failure to comply will result in exclusion from the competition.

The original, filled in and signed paper copy of the Release declaration must be kept by the participants (see paragraph "required materials") and it must be provided to the organisators of the competition in the case of request.

CONDITIONS OF EXCLUSION

Conditions of exclusion from the competition are list below. Participants who do not meet the conditions described in this announcement will be excluded from the competition and the group leader will be informed by registered mail.

1.   The subscription is not completed

2.   The uploaded materials contain explicit reference to the identity of one or more members of the group. In order not to compromise the transparency of the competition, the indication of the "Identity code" is the only identification permitted. The only exception is made for the personal Information Sheet (see paragraph "Required materials").

3.   Required material is not provided

4.   Missed deadlines

5.   Physical and/or social environments are not represented in the real world.

6.   Dissemination of any form of the materials, even is modified or post-produced, before the end of the competition.

HOW TO USE THE TEMPLATE

PANEL TEMPLATE

Option 1:

For any participant that is familiar with Adobe Indesign, Adobe Photoshop or Adobe Illustrator, you can put your images and brief explanation directly into provided template files. The instruction is below:

Step 1: Download our template package at: https://bit.ly/2VAu2OE . Inside the dowlnload package, look for the "Panel_Template_Folder".

Step 2: Inside "Panel_Template_Folder", open one of the template files according to your preference.

Step 3: Import your first image in the image area in the first panel (the number of panel is in the bottom left corner of the panel).

Step 4: Replace the "Identity code" in the bottom left corner of the panel with the unique identity code you received after completed the registration.

Put your image here

Project name	Project location	Image name

Title (English)
EXPLANATION FOR THE IMAGE

Title (Vietnamese)
LEAVE THIS BLANK IF YOU'RE NOT FROM VIETNAM

Replace with your group's identity code —— *Identity code*   *01*

Step 5: Replace the "Project name", "Project location" and "Image name" according to your proposal.

Step 6: Replace the "Title (English)" and "Explanation for the image" arcording to your proposal. The explanation must be under 100 words. Leave the "Title (Vietnamese)" and its explanation paragraph if you not from Vietnam, we will help you on translating your explanation.
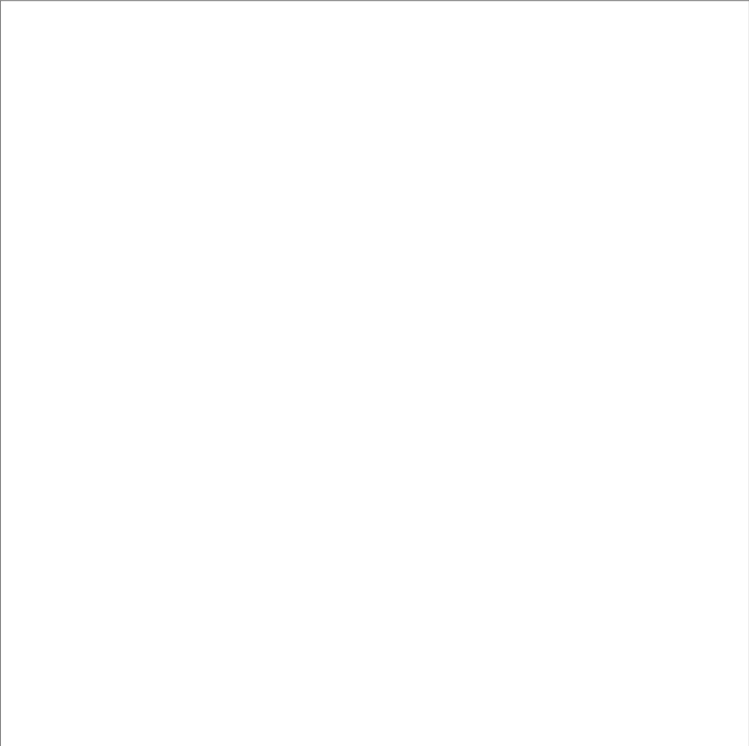
Step 7: Redo these steps with other panels

Step 8: Export all the completed panels into separated files and name them according to **Material required for the admission (Mandatory)/Proposal panels**

Note: All texts and paragraphs in the panel must follow font, size and style provided in the template.

Replace with your proposal name, location and image name

Replace with your title and explanation

| Project name | Project location | Image name |

Title (English)
EXPLANATION FOR THE IMAGE

Title (Vietnamese)
LEAVE THIS BLANK IF YOU'RE NOT FROM VIETNAM

Identity code   *01*

Option 2:

The pandemic had changed the way we live, study and work. We understand that your group may have to overcome many challenges to participate in our competition so we gladly to offer as much help as possible.

For any participant that has difficulties on using Adobe Indesign, Adobe Photoshop and Adobe Illustrator, we will gladly to help you with putting your images and brief explanation into the template. All you need to do is send us an email with your images and a word document attached.

The email subject should be named according to the following form: FCDC_IdentityCode_Submission_Materials. IdentityCode is replaced by your group's identity code (For instance, if your identity code is FCDC030, the email should be named as FCDC_FCDC030_Submission_Materials. The email should include all the information needed to be fill in the panel (name and numerical order of the image, name and location of the proposal, image's title and explanation)

The completed files will be uploaded following with a remind email to the group's leader so you can check if everything is justified. Please note that your images and explaination document still have to meet any requirements provided.

DOCUMENT TEMPLATE

Step 1: Download our template package at: https://bit.ly/2VAu2OE . Inside the dowlnload package, look for the "Document_Template_Folder".

Step 2: Inside "Document_Template_Folder", open the "Document_template" docx file and follow the instructions.

Step 3: Save the document and rename it according to **Material required for the admission (Mandatory)/Proposal summary document**

SUBMISSION FOLDER

Put all your submission materials in "FUTURE_CITY_Submission_folder_ID", rename it with your own code and use .zip compression to upload it.

The link to upload your proposal will be sent to your group leader's email 2 weeks before the submission deadline.

For more information please visit:

CO-ORGANISERS

SPONSORS

Shaping the unknown future

Contact

http://iscmfuturecity.co/
iscm@ueh.edu.vn
www.facebook/iscm.ueh

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iSCM