

ISC M



SHAPING THE UNKNOWN FUTURE

UEH - College of Technology and Design

ISCM BROCHURE

Institute of Smart City and Management

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INTRODUCTION



Unbounded creativity. Empowered futures. Holistic values.

Thoả sức sáng tạo. Chủ động tương lai. Toàn diện giá trị.

ABOUT UNIVERSITY OF ECONOMICS HCMC

Established in 1976, the University of Economics Ho Chi Minh City (UEH) has grown into one of Vietnam's top-tier public universities, pioneering academic excellence and innovation in the fields of economics, business, management, law, technology, and design. Transitioning from a specialized institution into a multidisciplinary and sustainability-oriented university, UEH is redefining the future of higher education in the region.

Today, UEH comprises three colleges: the College of Business (COB), the College of Economics, Law and Government (CEGL), the College of Technology and Design (CTD), and UEH Mekong (UEH Vinh Long Campus). In addition, the UEH Honours College plays a central role in delivering international-standard programs, fostering a dynamic, globally connected learning environment for future business leaders. Across the university, there are over 35,000 students, 65+ academic programs, and a vibrant network of 12 departments and 16 scientific-business units.

With a global vision, UEH actively engages in international collaborations, student and faculty exchanges, and joint research initiatives, contributing to an inclusive academic community that transcends borders.

Recognized globally, UEH is ranked among the Top 501-600 World Universities and Top 136 in Asia (THE 2025), Top 301+ in QS Asia 2024, and Top 1 in Vietnam (U-Multirank 2022). It proudly holds a place among the Top 301-400 global universities for contributions to the United Nations' 17 Sustainable Development Goals (THE Impact Rankings 2023). Notably, UEH is one of only four universities worldwide selected to lead the SDG 11 Hub – Sustainable Cities and Communities under the United Nations Academic Impact initiative (2025-2027).

Through its progressive vision, interdisciplinary strengths, and strong international partnerships, UEH continues to empower change-makers and thought leaders, driving smart and sustainable urban transformation across Vietnam and beyond.



ABOUT UEH COLLEGE OF TECHNOLOGY AND DESIGN

The UEH College of Technology and Design (CTD), under the University of Economics Ho Chi Minh City (UEH), addresses the growing demand for high-quality human resources in technology and design through modern training, research, and innovation. With a multidisciplinary and sustainability-focused approach, CTD integrates technology, creativity, and business thinking to prepare future-ready professionals, advancing education and research for a sustainable world while creating a learning ecosystem that cultivates leaders able to innovate for all.



ABOUT ISCM

Founded in May 2020 during UEH's transformation into a multidisciplinary and sustainable university, the Institute of Smart City and Management (ISCM) is a pioneering research institute dedicated to addressing urban challenges through international education, practical projects, and in-depth research.

ISCM focuses on five key research areas: Framework Transition, Glocal Design, Human-Centric Orientation, Tech Solutions, and Urban Systems. The institute works to build smarter and more sustainable communities through active collaboration with academia, government, industry, as well as international and local communities.

It also serves as a co-creation platform that promotes the 4P model (Public, Private, and People Partnership) to encourage inclusive and diverse forms of collaboration.



MESSAGE

Assoc.Prof. Tu Anh Trinh
Director
Institute of Smart City and Management

“At ISCM, “Smart City” is not about the destination, it is about a lifelong journey. From our perspective, cities are considered organisms full of ceaseless activities. In these activities, urban problems may emerge. To effectively solve these problems, we must prioritize them, allocate our limited assets, and apply technology to create smart solutions. “Smart” is not only about applying advanced technology, but it also integrates all efficient resources as sustainable as possible. Within our Smart City, people are considered as centered for all decisions, and the unity of universities, organizations, government, stakeholders, and communities create a co-creative culture. This, hereby, leads this organism to be more lively, a place for all people, leaving no one behind.

We are “shaping the unknown future” by our main fields of Framework Transition, Glocal Design, Human-Centric Orientation, Tech Solutions, and Urban Systems. We warmly welcome you to join our extensive network, be inspired, and inspire the world by our innovation, ambition, and creativity.”





CORE VALUES

Integration

For multidisciplinary approaches leading academic convergence and integration;

Practicality

For proper-base learning education and problem-solving researches contributing the sustainable society;

Innovation

For high-end digital academic environment leading pioneering urban studies and spatial experiments.

DEVELOPMENT PLAN

EDUCATION

Bachelor Program

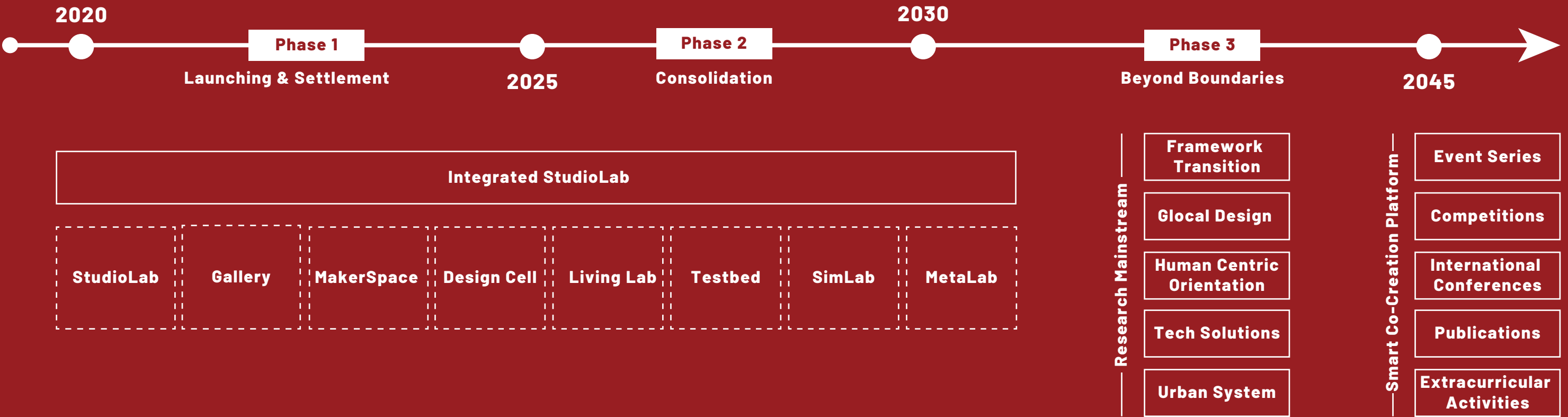
- 2021 / Bachelor of Architectural and Urban Design Inclusive Smart City
- 2025 / Bachelor of Integrated Urban Design and Planning
- 2026 / Bachelor of Architecture
- 2026 / Bachelor of Smart Mobility and Management

Master Program

- 2021 / Master of Smart City and Innovation Management
- 2027 / Master of Smart & Resilient Urbanism
- 2028 / Master of Eco Landscape Design
- 2029 / Master of Mobility and Operations Management

Doctoral Program

- 2027 / Ph.D in Urban Studies and Planning



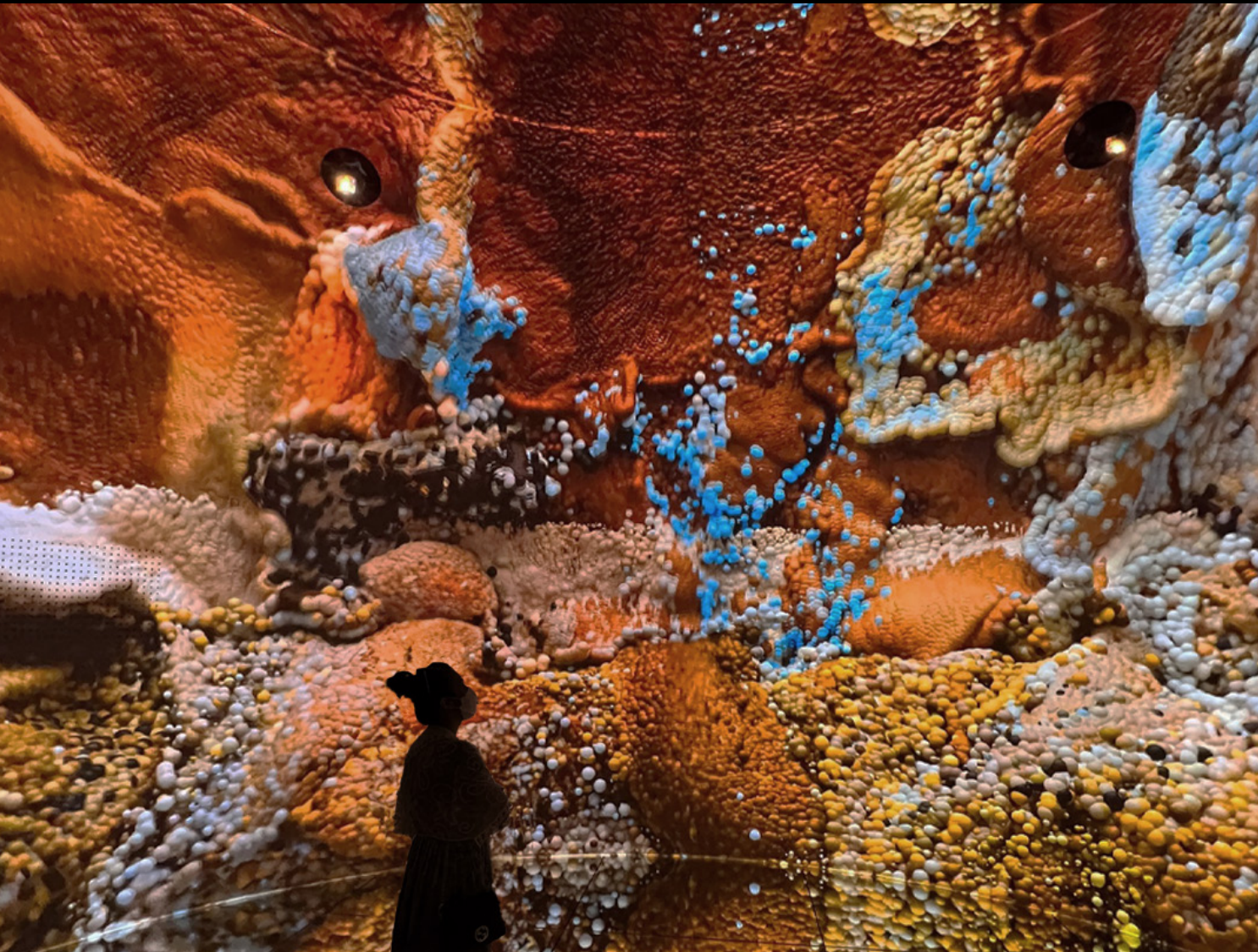


2045 **VISION**

To be a pioneering institution shaping sustainable, inclusive, and smart urban futures

MISSIONS

- We advance interdisciplinary research that support diverse communities and protect the environment in our cities.
- We cultivate learners and professionals through education that integrates technology, governance, and urban innovation for sustainable development.
- We foster a dynamic and inclusive platform that connects people, nature, technology, and infrastructure to enable co-creation, drive innovation, and generate global impact.



GOALS

Education

- Interdisciplinary Bachelor, Master, and Doctoral programs
- International joint degrees and exchange opportunities
- Short-term programs and internships

Research

- Focus on 5 key mainstreams: Framework Transition; Glocal Design; Human-Centric Orientation; Technological Solutions; Urban Systems
- StudioLabs for innovation and real-world problem solving
- Integration of technology in urban studies

Partnership

- Collaboration with global universities and institutions
- Public-private partnerships at local and international levels
- Engagement in international, cross-sectoral projects

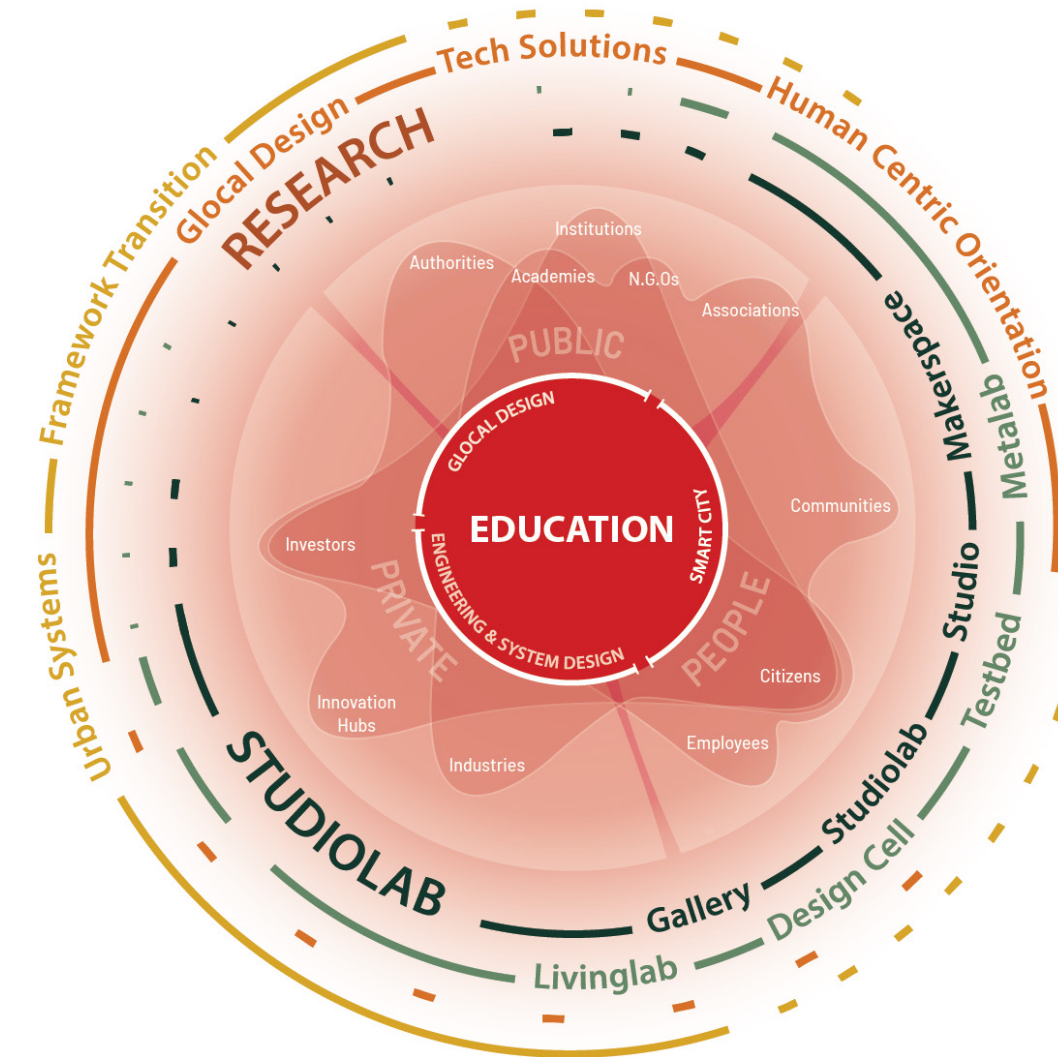
Integrated StudioLab

- Hands-on environment for students to practice, experiment, and build essential skills
- Combining design, technology, and real-world urban solutions

DEVELOPMENT PROGRAMS

The ISCM Development Model is built upon three core pillars: Education, Research, and Studiolab, fostering an integrated approach to smart city and urban development.

Education is centered around three key areas: Glocal Design, Smart City, and Engineering & System Design, ensuring a comprehensive understanding of both local and global urban challenges. Research drives innovation through five mainstreams, including Urban Systems, Framework Transition, Glocal Design, and Human-Centric, Technology Solutions, aiming to create adaptable and sustainable urban frameworks. To bridge research and practice, ISCM operates a Studiolab system, comprising diverse spaces such as Gallery, Makerspace, Testbed, and Metalab. These spaces serve as experimental hubs for students, researchers, and practitioners to prototype, test, and refine urban solutions in real-world contexts. Additionally, ISCM serves as a Co-creation platform, engaging with the 3P model (Public, Private, and People) to foster diverse collaborations. This approach ensures high-quality education and research while generating new insights and impactful knowledge for the community.



CC-CREATION

ACT ON
SUSTAINABILITY



EDUCATION

BACHERLOR PROGRAM

Bachelor in Architectural and Urban Design inclusive Smart City (BAUD)

The Bachelor in Architectural and Urban Design inclusive Smart City (BAUD) at ISCM is an innovative, internationally oriented program designed to equip students with the skills and knowledge to shape the cities of the future. By integrating architecture, urban planning, technology, and sustainability, BAUD fosters a multidisciplinary approach to smart city development.

First
Admission
Year

2021

120+
Students
per year

Period of
3.5 years

125
Credits





MASTER PROGRAM

60

Credits

3

**Dual Degree
Programs**

Master in Smart City and Innovation Management (SCIM)

The Master in Smart City and Innovation Management (SCIM) at the Institute of Smart City and Management (ISCM), University of Economics Ho Chi Minh City (UEH) is a future-oriented, interdisciplinary program designed to shape innovative urban leaders. This 2-year program provides cutting-edge knowledge in technology, urban planning, and management, empowering learners to tackle real-world challenges and build sustainable, smart cities. Program Options.

SCIM offers two learning tracks tailored to different career paths and experience levels:

- Standard Master Program – Designed for learners seeking a comprehensive education in smart city development, innovation, and governance.
- Executive Master Program – Tailored for high-level officials and professionals, focusing on strategic decision-making and leadership in urban transformation.

HUMAN RESOURCES

ADVISORY BOARD



Prof. Dr. Nguyen Dong Phong

Chairman
University Council
University of Economics Ho Chi Minh City



Dr. Park Young June

Honorary Rector
UEH College of Technology and Design
Former Vice Minister
The Ministry of Knowledge Economy
The Republic of Korea

ADJUNCT PROFESSORS



Prof. Catharina Nord

Department of Spatial Planning
Blekinge Institute of Technology



Prof. Sung Jin Kang

Department of Economics and Director
Institute of Economic Research
Korea University



Prof. Lee Jongsang

Faculty of Community Development
College of Industrial Science
Kongju National University



Prof. Tae Yong Jung

Graduate School of International Studies
Yonsei University



Prof. Kwon Youngsang

Department of Civil and
Environmental Engineering
College of Engineering
Seoul National University



Assoc. Prof. Elena Marchigiani

Associate Professor in Urban Planning
Department of Engineering and Architecture
University of Trieste



Dr. Chinh Ho

Institute of Transport and Logistics Studies
The University of Sydney Business School

OUR TEAM



Assoc.Prof. Tu Anh Trinh

Director



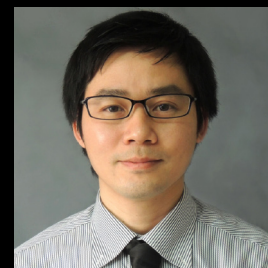
M.Arch Mai Tran Thi Quynh

BAUD Director



Dr. Lan Hoang Ngoc

Senior Lecturer



Dr. Nam Le Thanh

Senior Lecturer



Dr. To Kien

Senior Lecturer



Dr. Ducksu Seo

Research Director



Dr.Arch Khang Huynh Van

Lecturer



M.Sc Hoai Pham Nguyen

Lecturer



M.Sc Tam Do Le Phuc

Lecturer

OUR TEAM



M.Sc. Hien Dang The
Lecturer



M.Arch. Sandhya Rao
Lecturer



M.Sc Hai Hoang Le Nam
Lecturer



B.BA Quynh Nguyen Lu Nhat
MakerSpace Staff



B.BA Tram Nguyen Quynh
Sustainable Staff



BA Khoi Pham Minh
IT Staff



M.Sc Dao Tran Quang
Lecturer



M.A Dung Lai Phuong
International Coordinator



B.Sc An Le Phan Truong
Researcher



Anh Truong Ngoc Phuong
PR/Marketing Staff



Binh Luu Pham Thanh
Sustainable Intern



B.E Viet Le Quoc
StudioLab Manager



B.Arch Phuc Nguyen Hoang
UEH-MakerSpace Manager



B.E Toan Le Phuc
Staff

ACTIVITIES



S H A P I N G

T H E U N K N O W N

F U T U R E

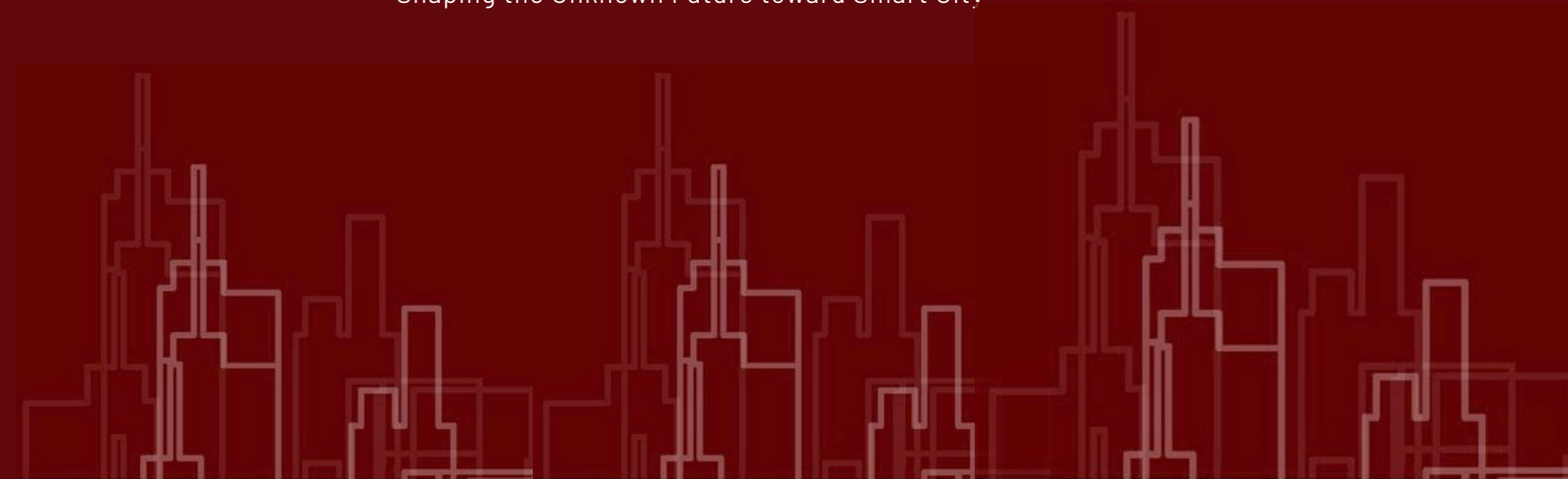
Event Series 2020

SHAPING THE UNKNOWN FUTURE TOWARD SMART CITY

01 Jul - 30 Aug	International Design Online Competition: "Future City: Smart Design for Post Pandemic World"
20 - 30 Jul	Online International Summer Camp: "Smart Design Thinking to Lead Post Pandemic Urban Future"
12 - 28 Sep	Workshop and Exhibition: "Smart Future City"

Smart City - Webinar

26 Aug	Panel Discussion 1: Urban Problem-Solving for Vietnam
22Sep	Talkshow: Future Outlook
23 Sep	Panel Discussion 2: Sustainable Transport Safety
24 Sep	Panel Discussion 3: Innovation Approach
25 Sep	Panel Discussion 4: Smart Campus Planning Toward Satellite City & College Town
29 Sep	ISCM Launching ans Award Ceremony of the Contest: "Shaping the Unknown Future toward Smart City"



Event series 2021

SMARTCITY+

Initiative

ArtTech Fusion

Workshop/Webinar

Techfest 2020
24 Nov 2020

Livable Smart City
13 Jan 2021

HCMc Identity
Mar 2021

Museum Revitalization
Apr 2021

City of Art
Jun 2021

Urban Regeneration
Aug 2021

ArtZ
Sep 2021

Studio

Show

2020 Techfest
24 Nov 2020

ArtTech Fusion
8 - 16 Jan 2021

Art Alive
Apr - Jul - Oct

Diverse Musical Palette
Monthly

Smart Livable Street
Oct 2021

A Healthy Lifestyle
2 - 3 times/year

Campaign

Street Performance
Sep

Sketcher Tour
Monthly

R2S Platform
Sep 2021

Tourism App
Sep 2021

Walkability: Safer for kid
Sep 2021

Project/Reseach

2021 International Design Competition
Feb - Jul 2021

Tourism App
Discussing

Museum Revitalization
Discussing

¹ Culture, Cohesion & Civic Society: How Smart Cities Build on the Best

² Smart Traffic Safety Education Program

³ Urban Beyond the Urban 2021

⁴ Development of Applied Science: pilot project in Vinh Long province

⁵ Community based Infrastructure Restoration Framework and Program

Rehabilitation & Reintegration

Fest

Invisible Women
25 Nov 2020

Culture, Cohesion & Civic Society¹
21 Dec 2020

Rethink Plastic
Feb 2021

Tourism Resilience: Staycation
3 Mar 2021

A City for All
May 2021

Digital Urban Transformation
Jul 2021

SMARTCITY+
22- 29 Sep 2021

Tourism Resilience³
Mar 2021

Smart Tourism
Jul 2021

UBU 2021
Jul 2021

Show

SMARTCITY+
22 - 29 Sep 2021

Campaign

Project/Reseach

Smart TSE Program²
Apr 2018 - Apr 2022

Child Friendly Zone of Walkability City
Jan 2021 - Jan 2025

DASVL⁴
Discussing

Plastic Waste Free
Discussing

COBIRES⁵
Discussing

UrbanSim
Discussing

Cityscope Lab
Discussing

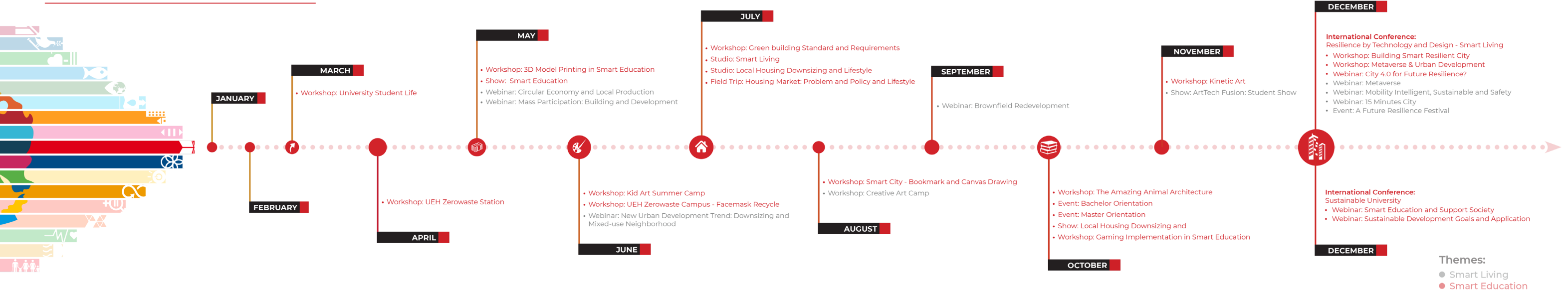
of Our Past

against Extreme Natural Disasters

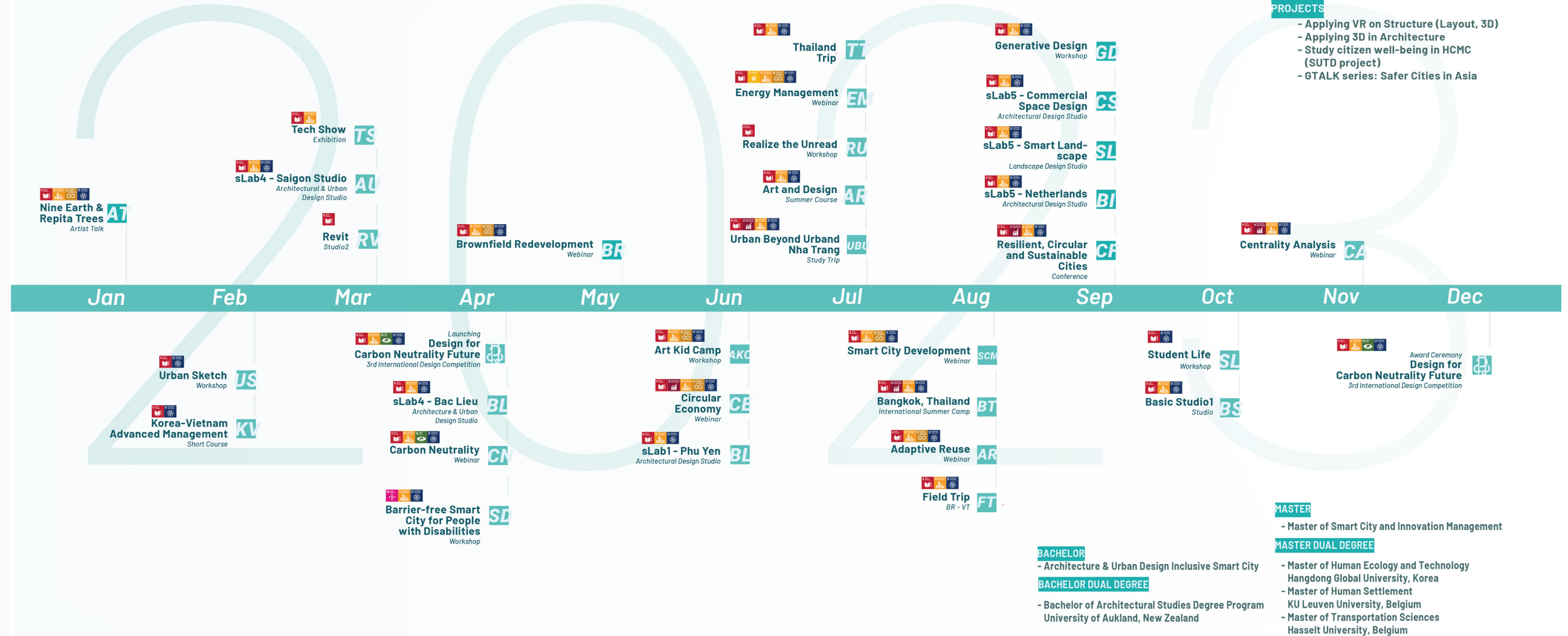
City Branding

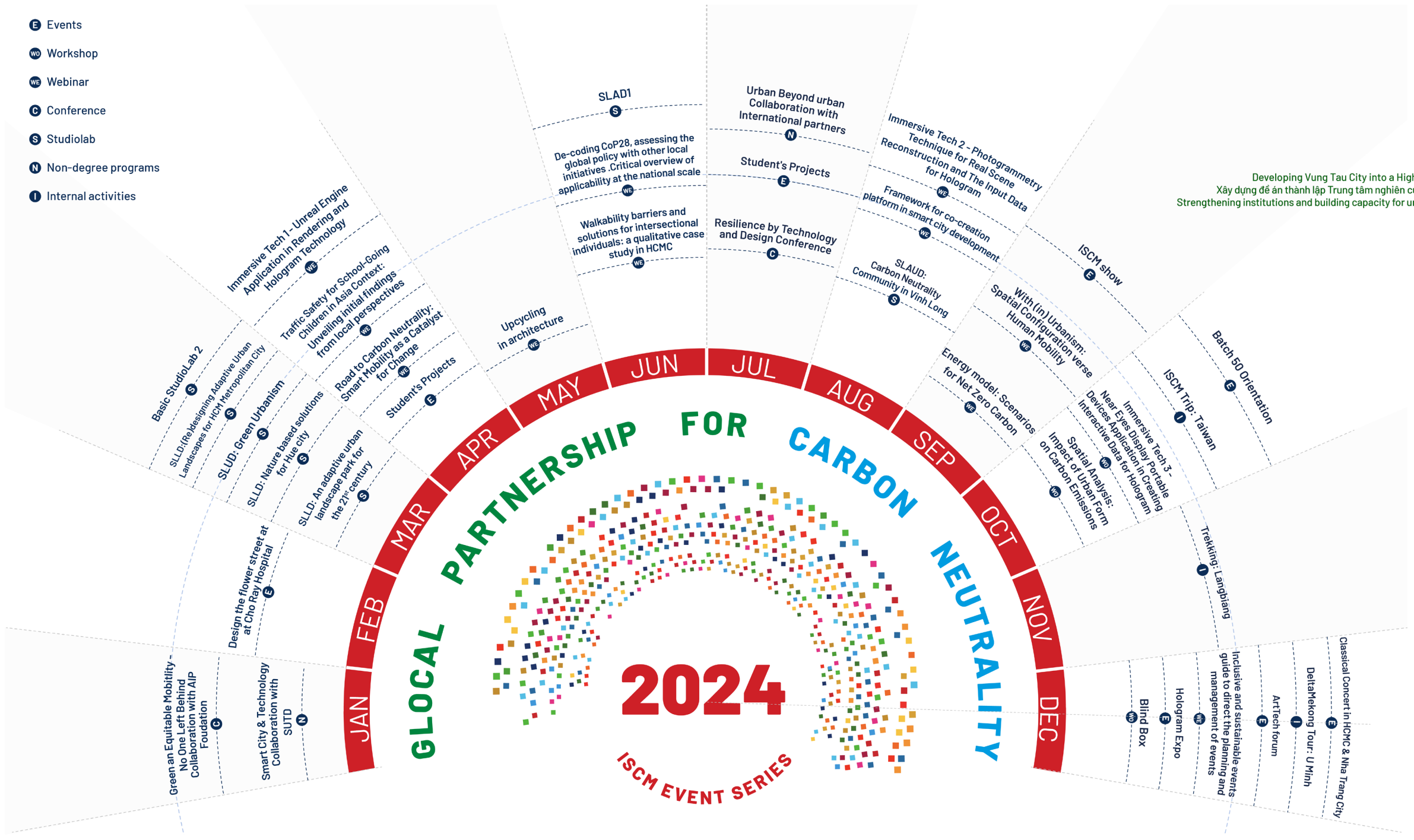
Event Series 2022

A FUTURE RESILIENCE THROUGH SMART-CITY LENS



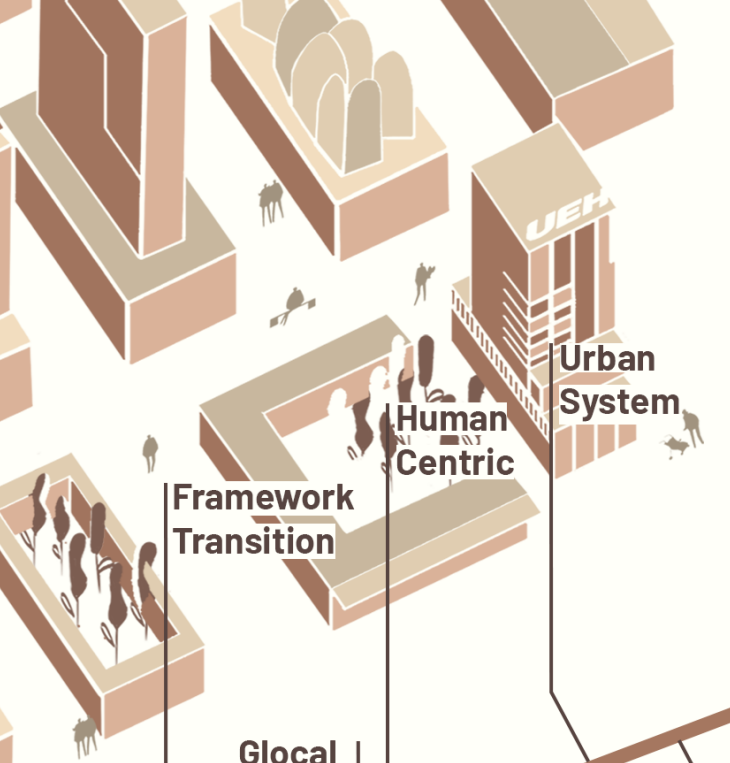
Design for Carbon Neutrality Future





ISCM Symphony of Future Cities

2025



Tech Solutions

9

- WS Welcome New Students: 1st step to UEH life
- BL Reading Urban Structures
- BL The way of thinking in Architecture Design
- BL Rethinking of Metropolitan Urban Landscapes

1

- E Explorations of Sustainable Design
- L Walkable Placemaking
- T Smart City Exploration

2

- T Welcome Newyear
- US A Sustainable Border City: Forest and Water Urbanism to reconcile landscapes and settlements (Tây Ninh)
- US Metropolitan Park (HCM) + collaboration with KU Leuven

8

- C UBU: Social Housing Development
- W Climate City Architecture in Asia region
- W Contributions of Young Academic Researchers in Transport Sector

7

- E Symphony of the Future Cities
- T Smart City Exploration

- Sh Art Exhibition
- EV Orientation Day K51
- EV Welcome Dinner

- LS From Wetscapes to a flood adaptive park system for Vinh Long City
- S Comparative Road Safety Platform in Asian Countries
- S Comparative Urbanisms

3

- WS "Light up Women": Crafting Wooden Jewelry
- Sh The Application of Photogrammetry and Gaussian Splatting in 3D Reconstruction
- S The 4th Design competition: (Re)engaging cities and landscapes for Cultural and Economic Vibrancy

6

- C SEAUS 2.0: Cultures in Transition: Urbanism and Landscapes in Southeast Asia
- W Navigating the Future: Strategies for Smart and Sustainable Tourism
- S Vernacular Wisdom for Tomorrow's Homes
- W Urban Spaces for All: Enhancing Walkability Through a Gender Lens
- W Humanizing high Density - LWPL model for future cities

10

- EV Celebration Event & 4th Design Competition Ceremony
- Sh Shaping the unknown future
- W Centrality, the distinctiton of Space usage
- W Smarhub: Towards green innovative campus

4

- T Future City for All
- W Urbanisms in Asia - Smart Adaptation

5

- WS Plastic ReCrafted
- S Road Safety Solution for Kids

12

- WS Woodland Noel Creation
- WS International Student Workshop of Architecture ISWA 2025

11

- WS Waste Into Art 2025
- US Mekong delta colabration with Avans
- S City Development

- | | |
|------------------------|---------------------------------|
| T Study Trip, Trip | LS Landscape Studio |
| W Webinar | WS Workshop |
| E Exhibiton | EV Event |
| L Lecture | C Competition, Conference, Camp |
| US Urban Design Studio | S Seminar, Studio |
| Sh Show. Shortcourse | BL Books Launching |

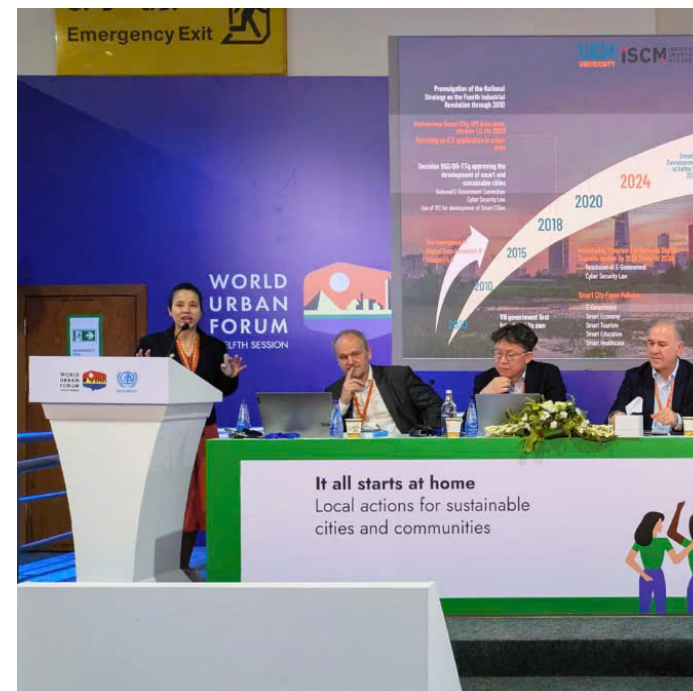
ISCM INTERNATIONAL DESIGN COMPETITION



Since 2020, the ISCM International Design Competition has been a global platform for emerging talents in architecture, urban planning, mobility, and related fields. Held biennially, it has attracted over 335 teams from 35 countries, presenting innovative and sustainable solutions to urban challenges. With a total prize pool reaching \$5,500, the competition is proudly supported by leading universities, businesses, and organizations as co-organizers and sponsors. Join us in shaping the future—partner with us to foster innovation and drive meaningful urban transformation.







PARTNERS

ACADEMY PARTNERS



ACADEMY PARTNERS



THE UNIVERSITY OF
SYDNEY



광운대학교
KwangWoon University



Chula
Chulalongkorn University



UNIVERSITÀ DEGLI STUDI DI MILANO



le cnam



성균관대학교
SUNG KYUNKWAN UNIVERSITY(SKKU)



서울시립대학교
UNIVERSITY OF SEOUL



DSU Dongseo
University



WESTERN SYDNEY
UNIVERSITY



KYOTO UNIVERSITY
FOUNDED 1897



公立大学法人
福岡女子大学
FUKUOKA WOMEN'S UNIVERSITY



TRƯỜNG ĐẠI HỌC MỞ TP. HỒ CHÍ MINH
HO CHI MINH CITY OPEN UNIVERSITY



NATIONAL INSTITUTE OF TECHNOLOGY
CALICUT



KOREA
UNIVERSITY
1905



THE UNIVERSITY OF
MELBOURNE

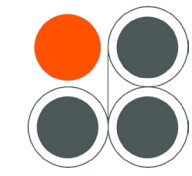


TE KUNENGA | MASSEY
KI PŪREHUROA UNIVERSITY
UNIVERSITY OF NEW ZEALAND



Concordia

INDUSTRY PARTNERS



OTHERS
INSTITUTIONS



CONTACT

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