



ACPP

ARCASIA COMMITTEE ON PROFESSIONAL PRACTICE

ACPP CHAIR



Ar. Zhang Wei
ASC

ACPP REPORT for 44th COUNCIL MEETING

Ar. Zhang Wei | ACPP Chair 2024-25



44th COUNCIL MEETING | 15 & 16 January 2025 | Colombo, SRI LANKA

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ACPP Group Photo

🕒 [2024 Jan 19th](#)

ARCASIA OB&CC meeting in Kuala Lumpur

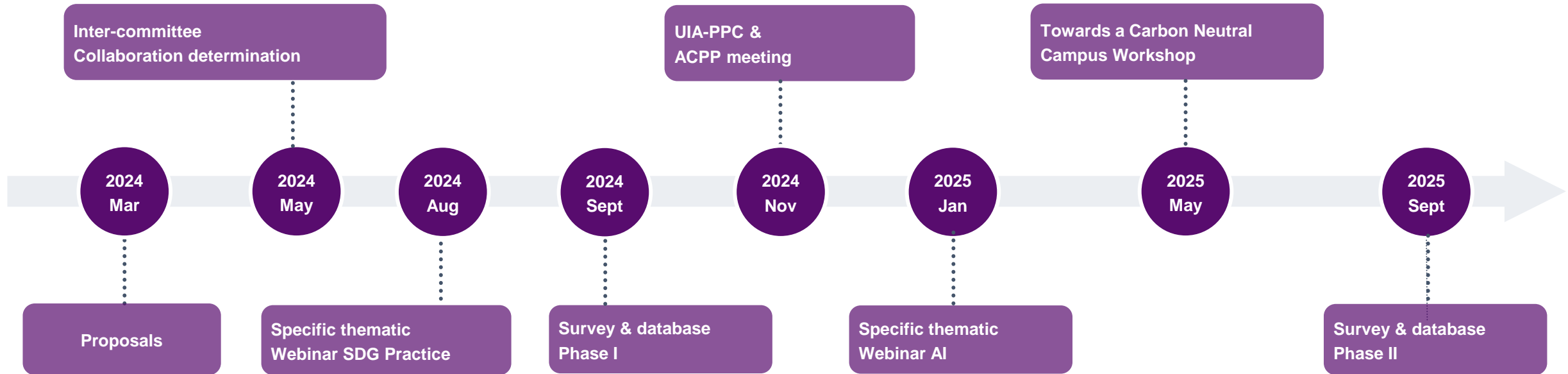
CONTENT

The handover ceremony



TIMELINE

ACPP roadmap 2024-2025

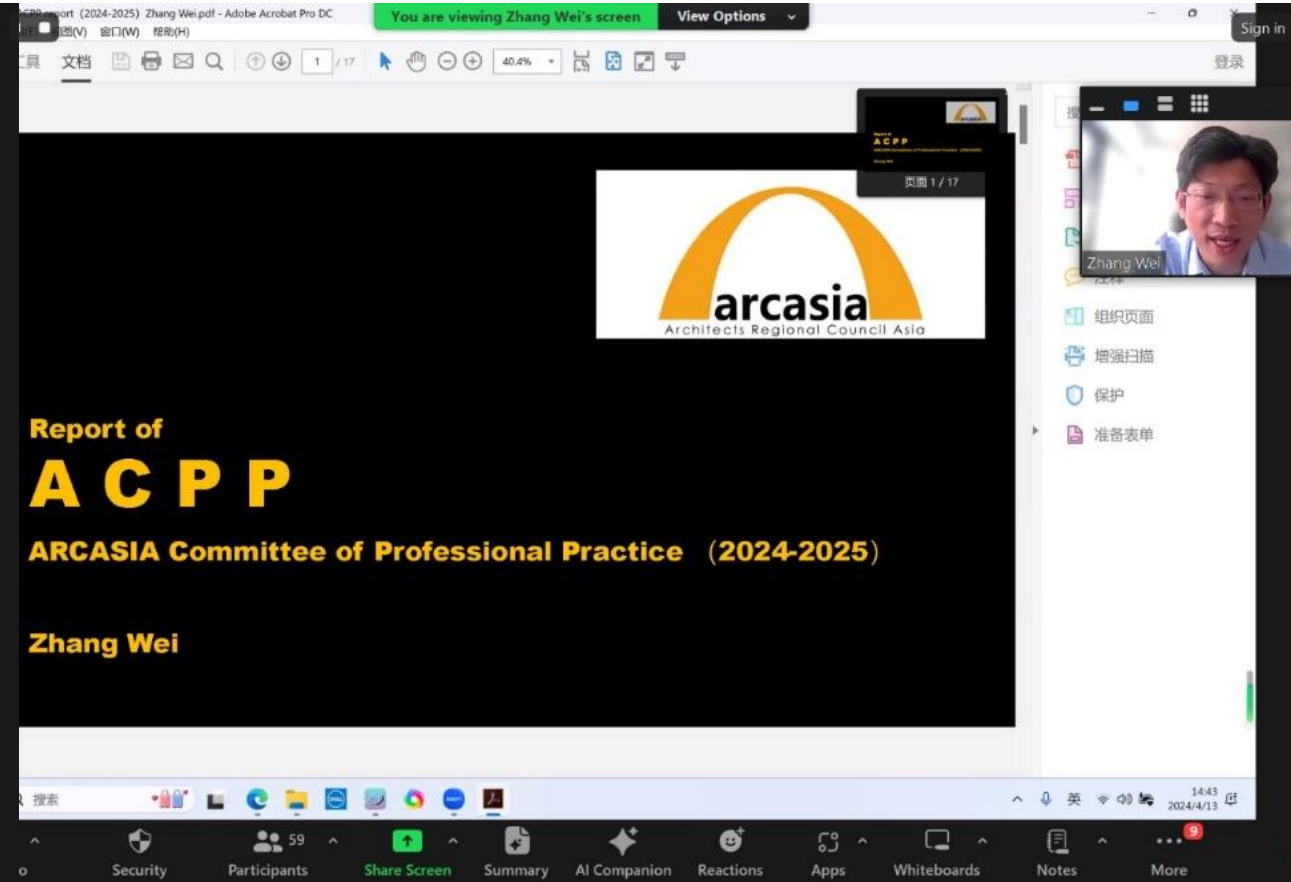


🕒 [2024 Apr 13th](#)

Inter-Committee SDG Webinar

CONTENT

ACPP introduced the **Roadmap** of 2024-2025.



🕒 [2024 May 1st](#)

Inter-committee Collaboration Determination in Bangkok

CONTENT

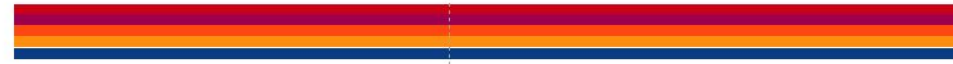
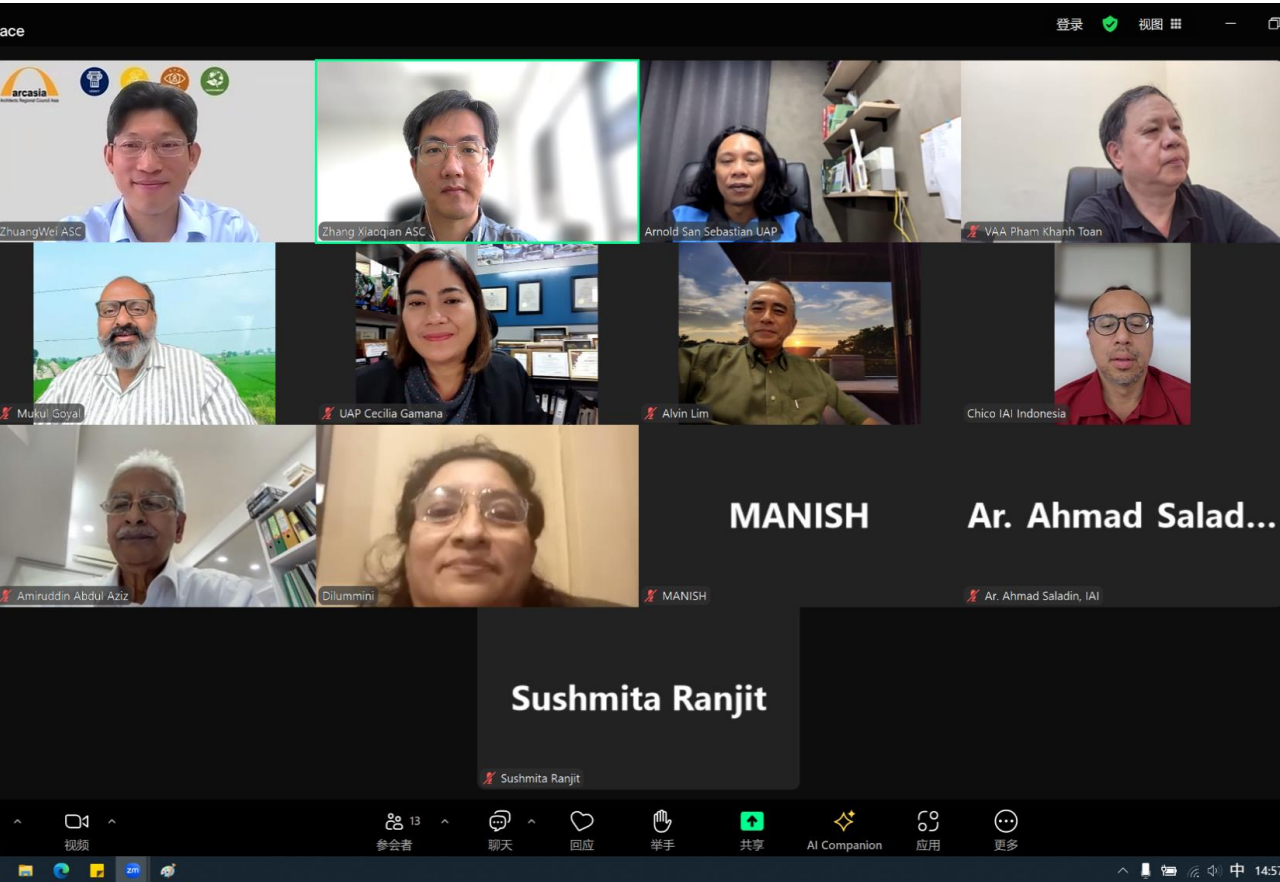
Topics are focused on **AI** work with **ACAIE**, **Carbon Neutral** work with **ACGSA**.



2024 Jun 26th ACPP Meeting

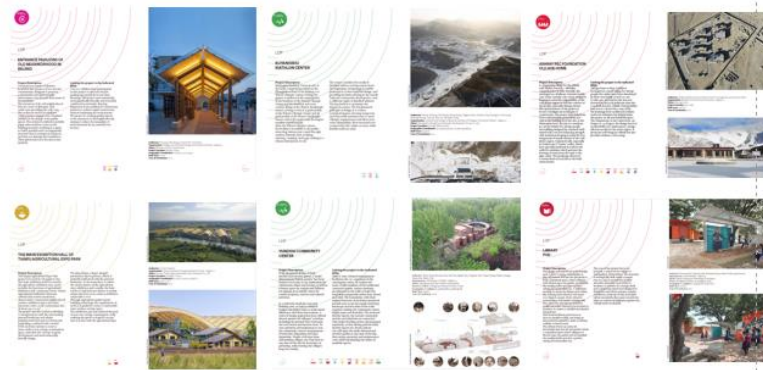
CONTENT

Plan of 2024-2025 was introduced to members of ACPP.



Future

Asian Sustainable Architectural Practices



Cases in UIA Guidebook for the 2030 Agenda

Organize a webinar of practices in the Asian architects to share



🕒 [2024 Jul 04th](#)

ARCASIA OB&CC meeting in Kuala Lumpur

CONTENT

ACPP should discuss some key elements of sustainable professional practice, including how this project was tendered on a fair basis, the selection of materials, the control of costs, the operation after completion, and whether there was any post occupancy evaluation.



🕒 [2024 Aug 18th](#)

Webinar: Asian Sustainable Architectural Practices

2024
ARCASIA
18th AUGUST
14:00 ~ 16:30
Kuala Lumpur time

Meeting ID: 816 3998 0772
Passcode: 893563

THE WEBINAR OF ASIAN SUSTAINABLE ARCHITECTURAL PRACTICES

Opening speech I: Ar. Saifuddin Ahmad (President of ARCASIA)
Opening speech II: Zhuang Weimin (Vice President of ASC)
Keynote Speaker: Ar. Ken Yeang (Past President of ARCASIA, Past President of IASS)

Speaker I: Ar. Lau Wing (IIBA)
Speaker II: Ar. Alvin P. Tejada (IAP)
Speaker III: Ar. Mubal Goyal (IPI)
Speaker IV: Ar. Alam F. Mulyana (IPI)
Speaker V: Ar. Han Mengzhen (IASC)
Moderator: Ar. Zhong Wei (IACPP Chairman)

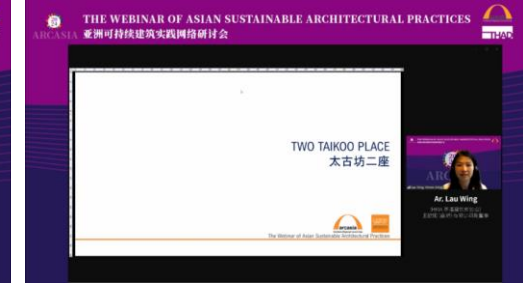
QR CODE
LIVE ROOM

CONTENT

6 speakers and more than 10 countries and regions members participated.



Keynote Speaker: Ken Yeang



Speaker: Lau Wing



Speaker: Alvin P. Tejada



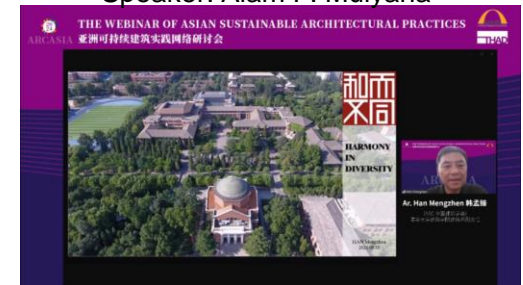
Speaker: Alam F. Mulyana



Open Speech : Saifuddin Ahmad



Open Speech : Zhuang Weimin



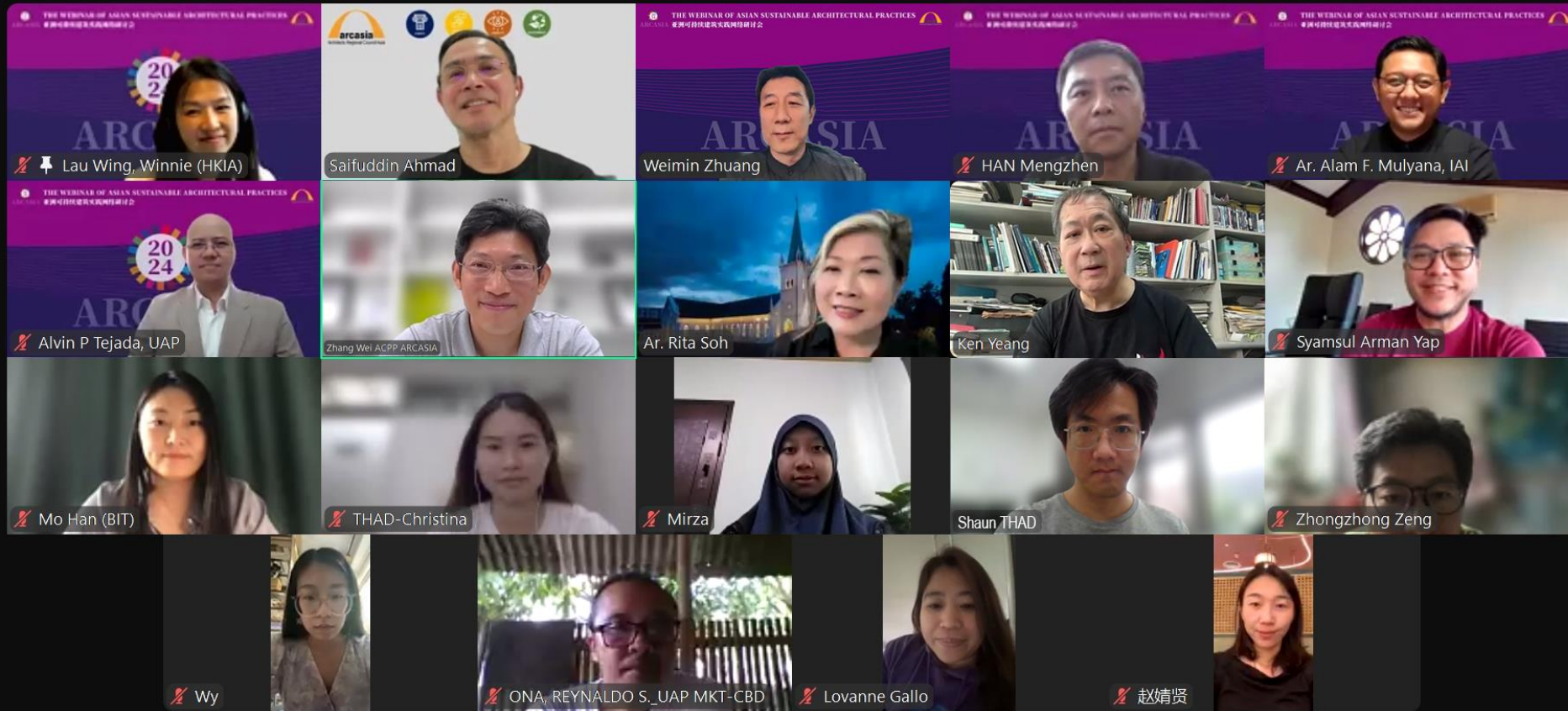
Speaker: Han Mengzhen

🕒 [2024 Aug 18th](#)

Webinar: Asian Sustainable Architectural Practices

CONTENT

6 speakers and more than **10 countries** and regions members participated.



🕒 [2024 Aug 18th](#)

Webinar: Asian Sustainable Architectural Practices

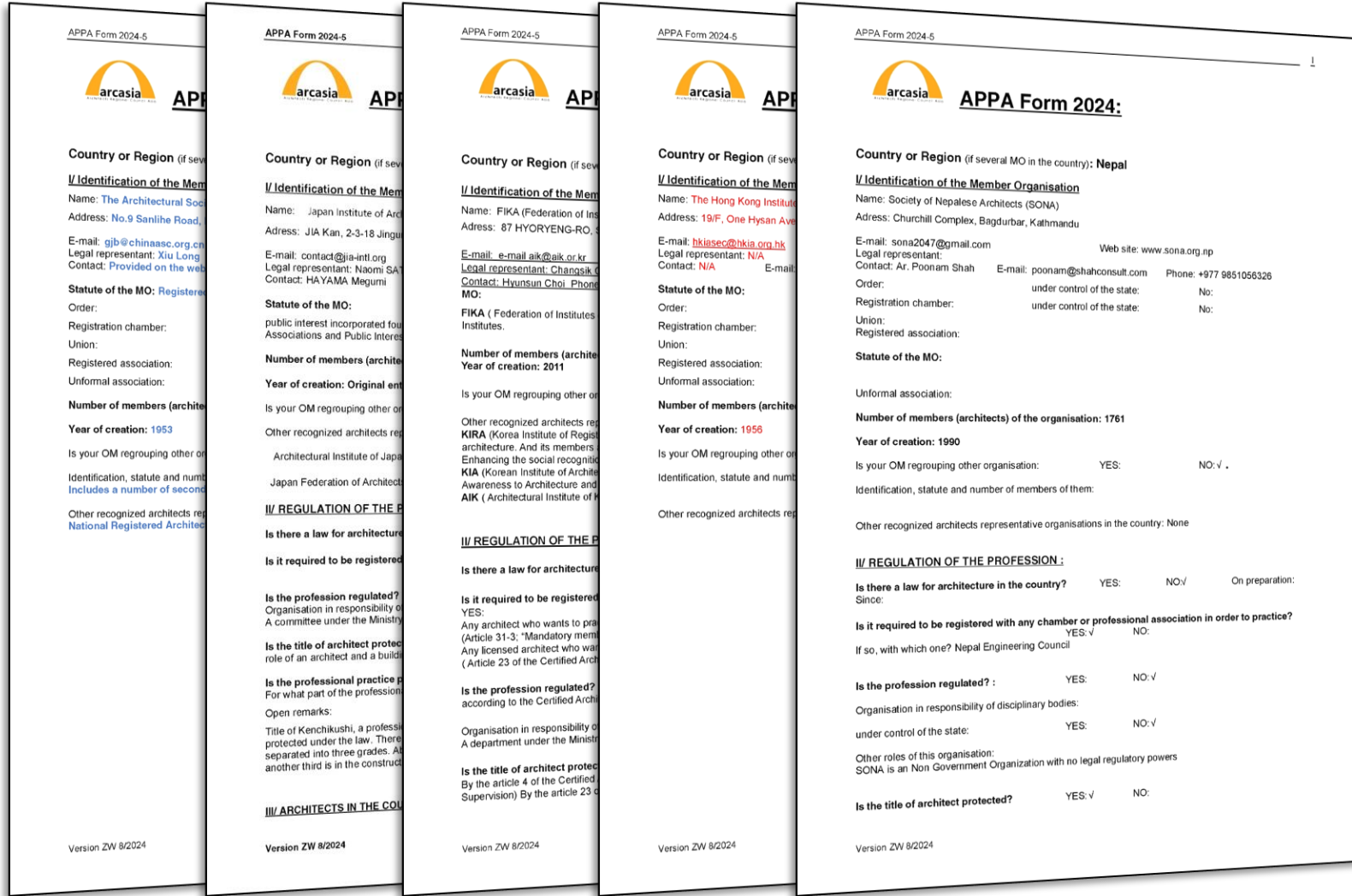
CONTENT

Over **5000** online watched live broadcast.



🕒 2024 Sept

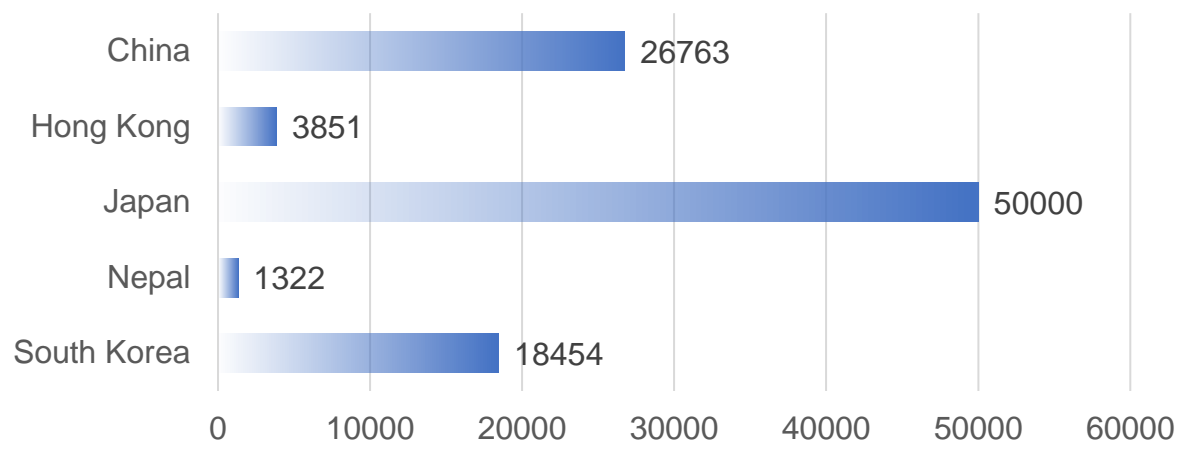
Survey and Database for Practice Phase I



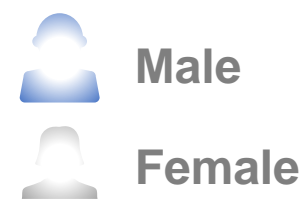
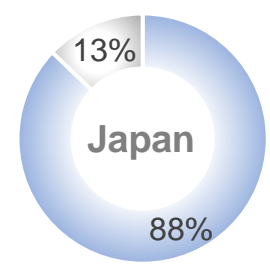
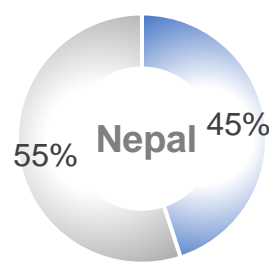
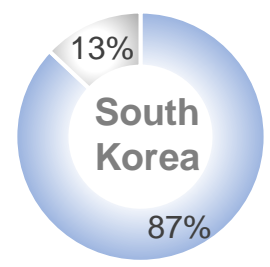
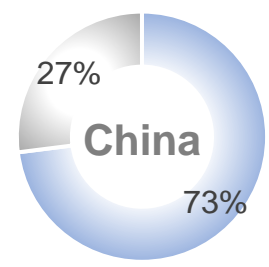
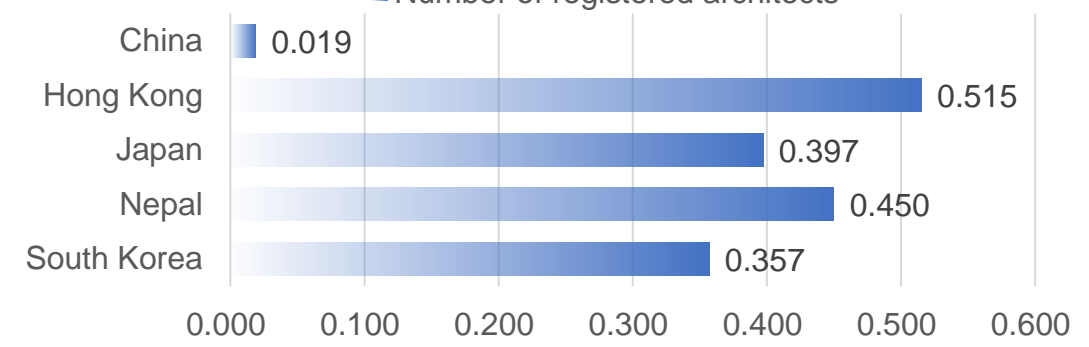
More responses are needed to make this database more useful.

🕒 2024 Sept

Survey and Database for Practice Phase I



All collected data will be **visualized** into charts and forms in the final report.

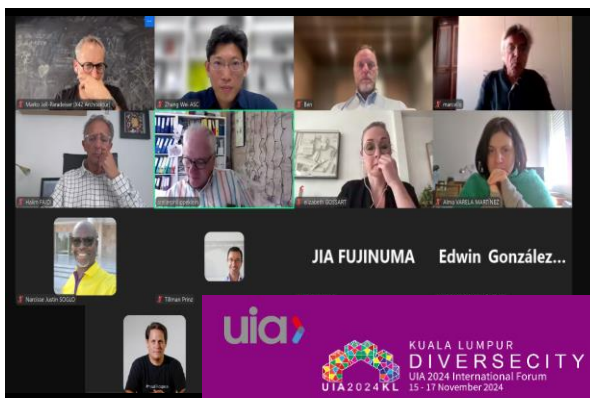


- Note:**
1. Data collected in 2020.
 2. The identification of "Registered Architects" are different, normally based on education level, practical experiences, and examination results.
 3. In Japan, Kenchikushi, a professional who plays the dual role of an architect and a building engineer is registered. However, the registration is often not deleted when the person deceases. So the official registered number is very high, 371,184 in 2020. We consider that there are about 50,000 Kenchikusi who practice architectural design in Japan.

🕒 2024 Nov

UIA-PPC & ARCASIA ACPP Dialogue Time

November 17, 2024 10:15-11:15



uia KUALA LUMPUR DIVERSECITY
UIA 2024 KL UIA 2024 International Forum
15 - 17 November 2024

Sustainable Architectural Professional Practice in Global and Regional Practice

17th NOVEMBER
10:15 ~ 11:15
Kuala Lumpur time

Speakers: Mr. Philippe Bégin, Mr. Zhang Wei, Mr. Elizabeth Gomez, Mr. Willem Ploer, Mr. Ebenezer Okonko, Mr. Theodoros Panayiotou, Mr. Marcella Rossi, Mr. Marko Jakić Peranić, Mr. Chi Mei Anika Poon, Mr. Gilvina Bala, Naniwa Juniko WAGLO

CONTENT

I introduced the importance of dialogue between UIA PPC members and Asian architects.

Considering that UIA PPC also has research work in AI, practical data, and sustainable design, it is necessary to discuss from a global to regional perspective.

The **representative of ASC, HKIA, KIA, PAM** participate in this event and give a speech.

Sustainable Architectural Professional Practice in Global and Regional Perspective

7 Speakers
90 attendees



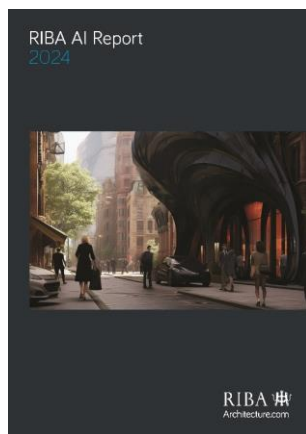
Some of us are members of both the UIA PPC and the ARCASIA ACPP, who serve as a bridge between Asian architects and architects from outside of Asia in terms of professional practice. It is our responsibility to let them know that ARCASIA is doing a lot of work in this area.

🕒 2025 Jan

Specific thematic Webinar on AI



ACE



RIBA



ARCHITIZER

The State of AI in Architecture

Architizer and Chaos are pleased to share insights gained from a survey of the current use and future possibilities of AI in architectural design.

20 STATE OF DESIGN 24 & MAKE

Insights from industry leaders on how digital transformation is driving business, sustainability, and talent management.

AUTODESK



AUTODESK



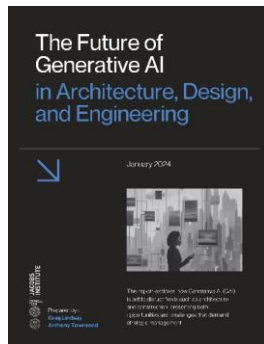
STANFORD



LEGACY



OVERALL INCLUSIVITY



CORNELL



VISIBILITY



ENVIRONMENT

CONTENT

Ar Lim Choon Keang (SIA) agreed to take the lead in finalizing the guide. members from China, Philippines, Pakistan, Macao are willing to participate. The draft has already finished and will be revised by the end of March 2025.

ACPP has sent the draft to **ACAIE** and we **discussed it together**. Ultimately it is hoped that by working together we can complete a concise, easy to understand guide on AI in architectural practice for architects working on the front line.

As a first step, ACPP team conducted a research on how architects use AI tools to assist their work.

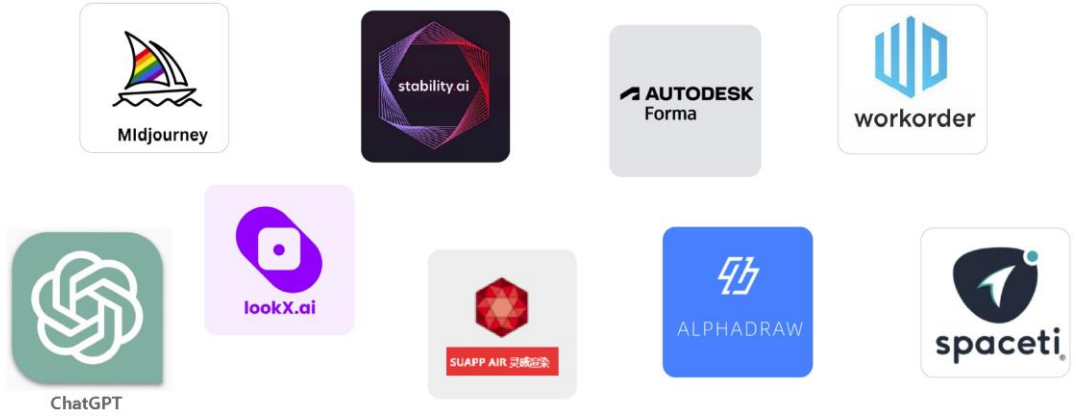


RESEARCH on HOW ARCHITECTS USE

AI


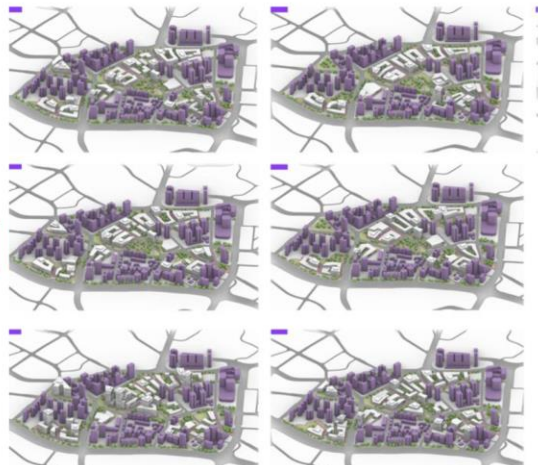
2025 . 01

AI COMMONLY USED BY ARCHITECTS



AI assist in PLANNING

xcool

input  output 

+ urban axis, building density, ratio, etc.

Planning & Programming | Schematic Design | Design Development | Construction Documentation | Bidding & Negotiation | Construction Administration | Project Delivery | Post-Occupied Evaluation

AI assist in MODEL RENDERING

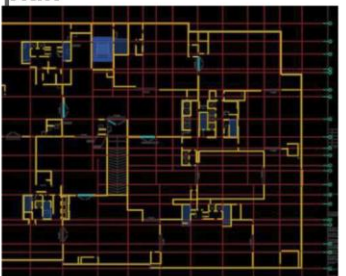
SUAPP AIR

input  output 


+select reference style

AI assist in CONSTRUCTION DRAWING

AlphaDraw

input  parameter

序号	楼层名称	层高 (m)	总层数 (m)	实际层数 (m)
17	15楼	4.200	52.800	38.600
16	14楼	4.200	48.600	34.400
15	13楼	5.000	43.600	29.400
14	12楼	4.200	39.400	25.200
13	11楼	2.800	36.600	22.400
12	10楼	2.800	33.800	19.600
11	9楼	2.800	31.000	16.800

output 

ACAIE and ACPP Position Paper on Responsible Integration Of Artificial Intelligence in Architectural Education And Practice

Presented by
Ar Lim Choon Keang (SIA)
14 January 2025 at Colombo, Sri Lanka



What's Artificial Intelligence in Architecture?

Artificial intelligence in architecture describes the use of artificial intelligence in automation, design and planning in the architectural process or in assisting human skills in the field of architecture.

Artificial Intelligence is thought to potentially lead to and ensue major changes in architecture.

Reference: Wikimedia



Architecture with Artificial Intelligence

1. Guiding Principles of Use of AI

The integration of AI in architecture should be guided by the following principles:

1.1 Ethical and Responsible Use

AI tools should be employed to augment, not replace, human creativity, critical thinking and professional judgment. Open communication with stakeholders regarding AI's role and implication in the design process is paramount. Bias mitigation strategies must be implemented in AI tools and design processes to ensure inclusivity and fairness. Adherence to relevant local and international legal frameworks, professional standards and ethical guidelines is mandatory.



1.2 Intellectual Property Rights

Intellectual property rights and ownership of AI-generated designs must be clearly defined and contractually agreed upon. Data privacy, confidentiality and security must be strictly observed and protected. Contribution of AI tools and human input respectively must be properly and duly acknowledged.

1.3 Sustainability and Efficiency

AI should be leveraged to optimize design processes, promote sustainability and improve efficiency. This includes automating tasks, performing energy analysis, selecting sustainable materials and conducting lifecycle cost assessments. The well-being of users, communities and the environment should be prioritized.





1.5 Risk Management and Future-Proofing

Limitations of AI in areas requiring subjective or context-sensitive decision-making must be acknowledged. Rigorous quality control and checks should be implemented to ensure that AI outputs meet safety, legal and design standards. Traditional workflows and backups should be maintained as safeguards against AI failures or inaccuracies. Continuous exploration of new AI capabilities is crucial for staying in the forefront of the industry. The development of industry standards and ethical frameworks for AI use in architecture should be actively supported

GUIDELINES ON USE OF ARTIFICIAL INTELLIGENCE (AI) IN ARCHITECTURAL PRACTICE



Discussions by members in the meeting





Discussions by members in the meeting

2025 May

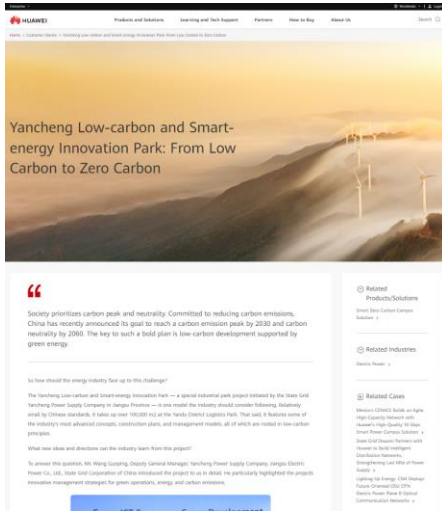
Towards a Carbon Neutral Campus and Zero-Carbon building Workshop

CONTENT

Some parks in Japan, China, Singapore, Hong Kong and Malaysia have their carbon neutral plan. There are also some in other countries and cities.



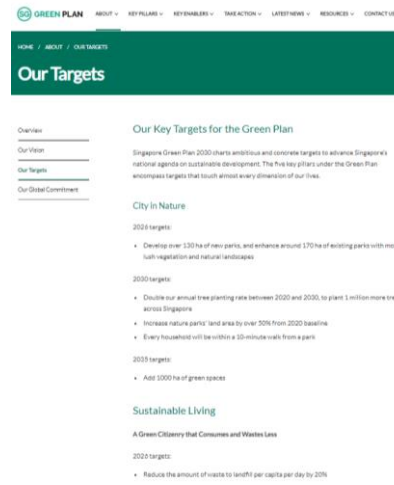
Japan



China



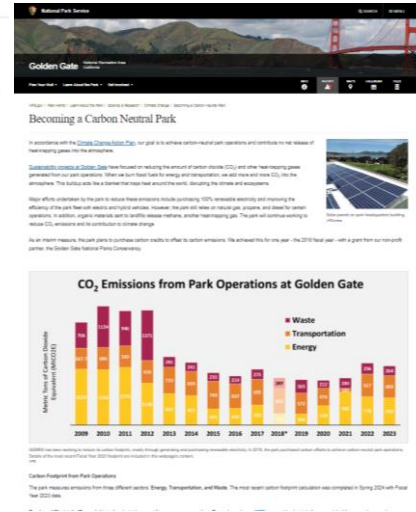
Hong Kong



Singapore



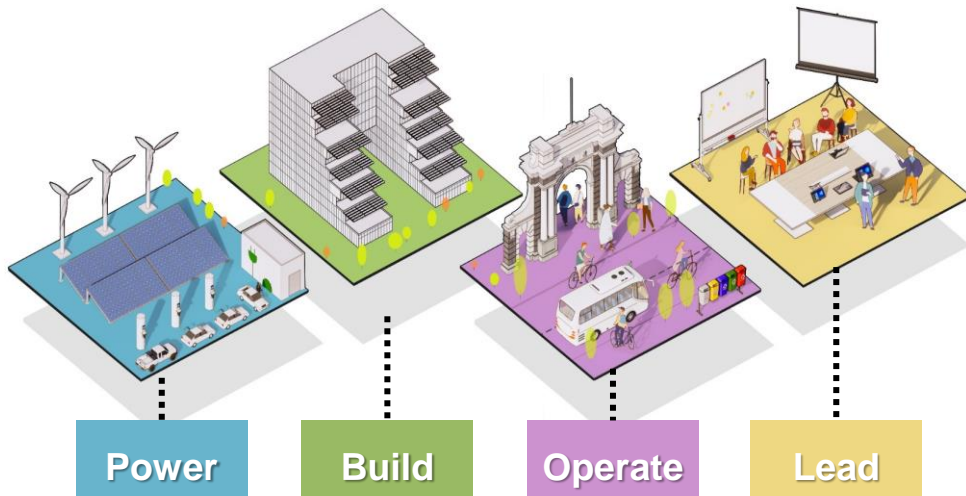
Malaysia



USA

🕒 2025 May

Towards a Carbon Neutral Campus and Zero-Carbon building Workshop



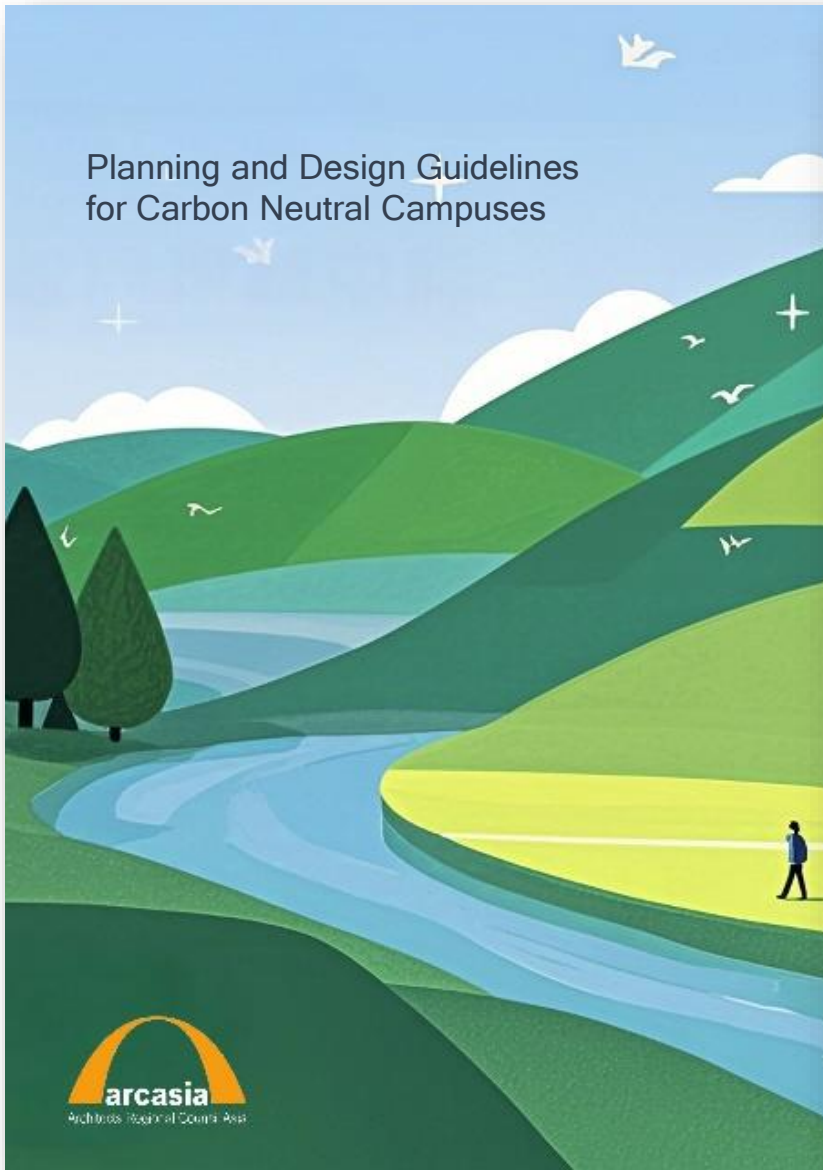
The Campus Carbon Neutral Plan

CONTENT

This is an opportunity for architects to play a greater role in society. It is also a chance for architects to have **more new job opportunities** in the context of global climate change.

We **collaborate with ACGSA** and result in a carbon neutral planning guide for campus that is customized for architects. This will be a concise how-to manual.

The guide will be discussed at the workshop. The role played by the architect, the responsibilities to be assumed and the corresponding rights and interests also will be discussed in the same time.



Discussions by members in the meeting

2025 May

Towards a Carbon Neutral Campus and Zero-Carbon building Workshop

CONTENT

In the context of practice, we plan to showcase the architect-led development of a carbon neutral diagnostic data platform.



Zero-Carbon Building workshop

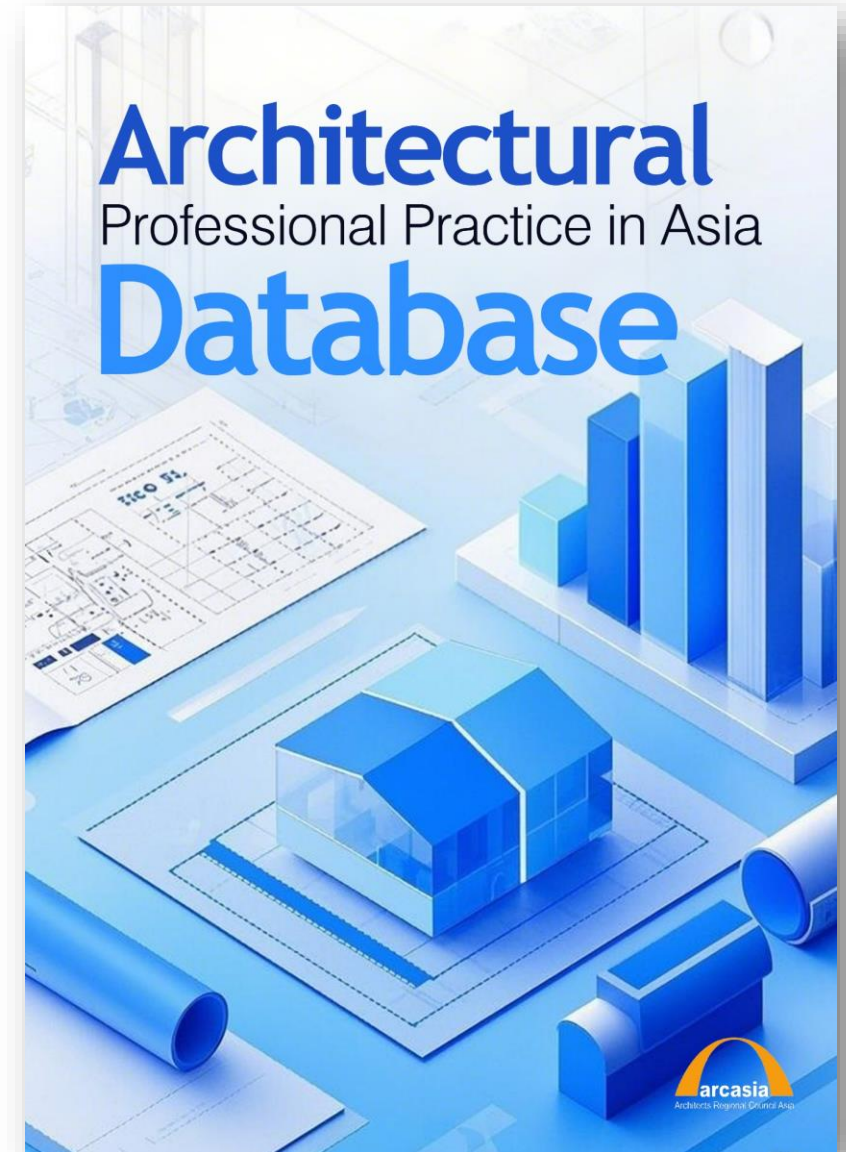
Introduction to Campus Carbon Neutrality Diagnostic Platform Based on CIM

🕒 2025 Sept

Survey and Database for Practice Phase II

After getting **more responses**, we will visualize all the data. We need everyone's support.

For the first time in history, ACPP will showcase Architectural Professional Practices In ASIA (APPA) through **data visualization**.



We are **ACPP**

We will try to do
something **NEW**
something **INTERESTING**
something **DIFFERENCE**

We are passionate about the
professional practice of
architecture.

Thank You !

