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Architects Regional Council Asia

ACPP

ARCASIA COMMITTEE ON PROFESSIONAL PRACTICE

ACPP CHAIR

Ar. Zhang Wei
ASC

ACPP REPORT for 45th COUNCIL MEETING

Ar. Zhang Wei | ACPP Chair 2024-25

LEGACY

OVERALL / INCLUSIVITY

VISIBILITY

ENVIRONMENT

List of Attendees at ARCASIA **ACPP Meeting** on 14.01.2025 in **Colombo**

Zone A

Name	Institute	Email
Ashish Gupta	IIA	Ashish.iianc@gmail.com
Salman Javaid Malik	IAP	Salmanjmalik89@gmail.com
Manish Manandhar	SONA	Ar.manishsayani@gmail.com
Muditha Prematiluka	SLIA	mudithaprematiluka@mmparchitects.lk
M. Wahid Asif	IAB	m.wahidasif.a117@gmail.com

Zone B

Name	Institute	Email
Donato B Magcale	UAP	Ardon.magcale@gmail.com
Soukanh Chithpanya	ALACE	s.chithpanya23@gmail.com
Lim Choon Keang	SIA	limchoonkeang@yahoo.co.uk
Alvin Lim	PAM	Alvin.lim.pam@gmail.com
Georgius Budi Yulianto	IAI	mustboegar@gmail.com
Nataporn Meksawasd	ASA	Bell019@hotmail.com

Zone C

Name	Institute	Email
Jung Yong Lee	KIRA	pharosas@hanmail.net
Daiji Chikuba	JIA	Chikuba.daiji@nikken.jp
Allen Poon	HKIA	Allenpoon.hkia@icloud.com
Hongtao Bo	ASC	Hongtao_bo@acctn.com
Jimmy Wardhana	AAM	jwardhana@jwccarchitecture.com

40 representatives from 18 member organizations attended the meeting In Incheon

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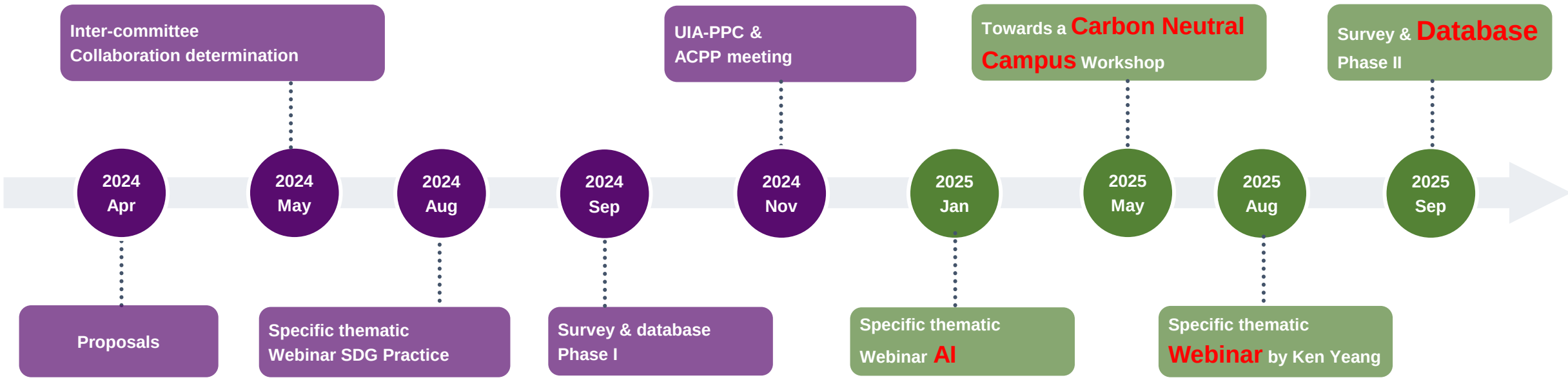
TIMELINE

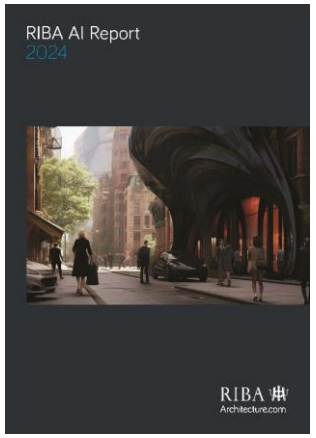
ACPP roadmap 2024-2025



2025 Jan

Guidelines on AI

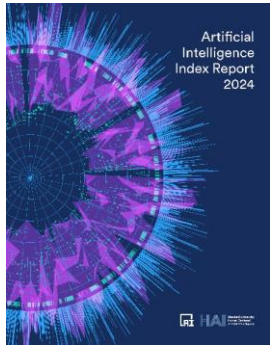
ACE



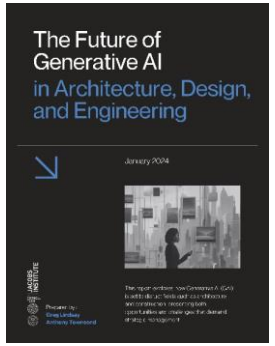
RIBA

ARCHITIZER

AUTODESK



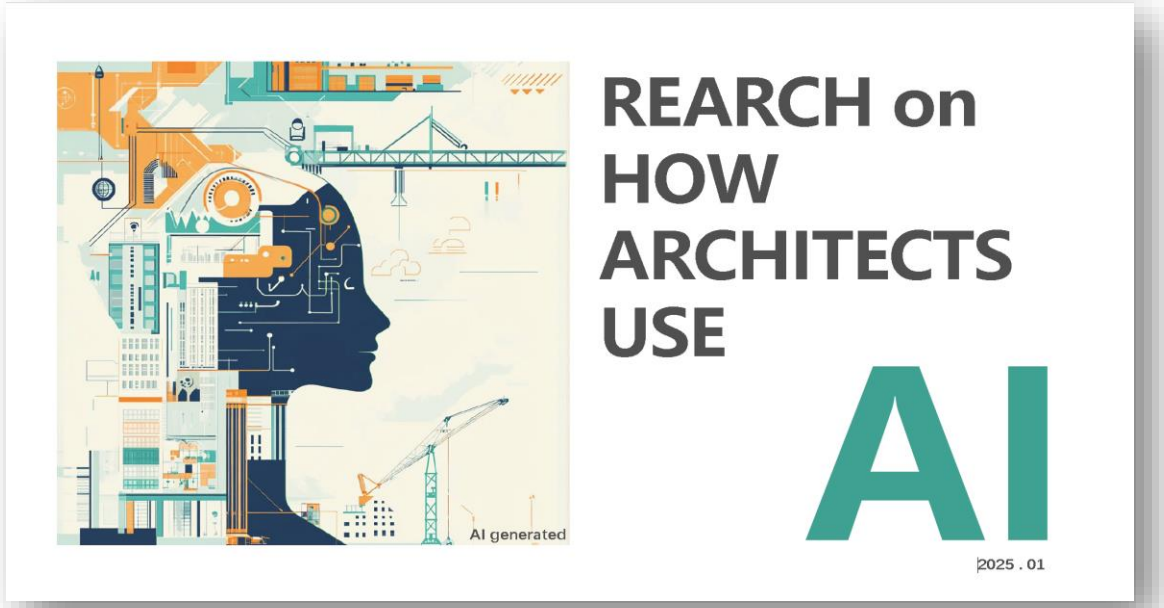
STANFORD



CORNELL

CONTENT

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



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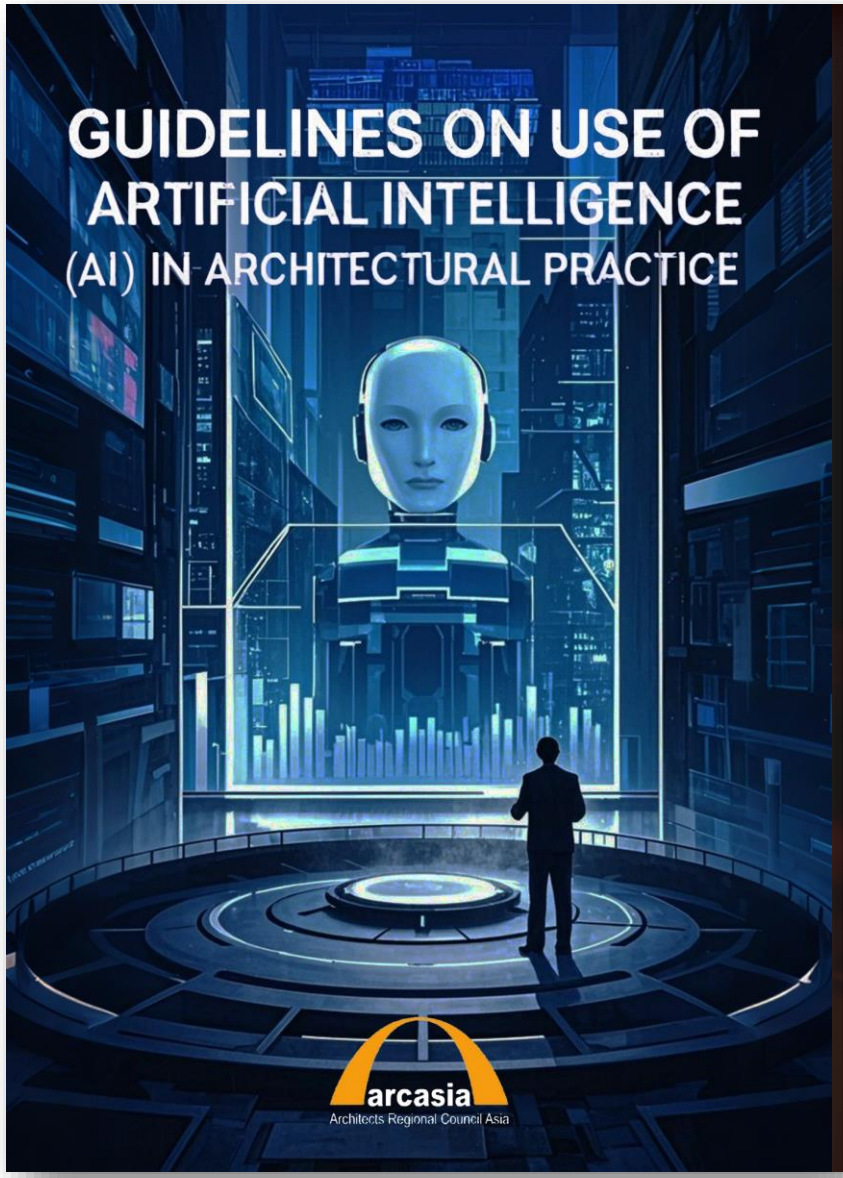

As the second step, we have completed the guidelines for AI in architectural practice.

Discussions in Colombo

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ACAE and ACPP have jointly drafted **The Position Paper on AI**, with contributions from committee members and international experts.

ACAE AND ACPP POSITION PAPER ON THE RESPONSIBLE INTEGRATION OF ARTIFICIAL INTELLIGENCE IN ARCHITECTURAL EDUCATION AND PRACTICE

WHEREAS, the Architects Regional Council Asia (ARCASIA), as a leading organization representing architectural professionals and institutions across Asia, recognizes the transformative potential and inherent challenges posed by the rapid advancement of Artificial Intelligence (AI) in architectural design, education, and practice;

WHEREAS, the responsible and ethical integration of AI is crucial for fostering innovation while preserving the core values of the architectural profession, including creativity, critical thinking, and human-centered design;

WHEREAS, the diverse architectural contexts and practices across ARCASIA's 22 member institutes necessitate a unified yet adaptable framework for the integration of AI, ensuring both consistency and responsiveness to regional needs;

WHEREAS, ARCASIA's unique position as a regional body empowers it to provide a comprehensive guide for architects, architecture educators and students, fostering a shared understanding and promoting best practices in the utilization of AI;

WHEREAS, the absence of clear guidelines on AI integration may lead to inconsistencies in educational standards and ethical practices across ARCASIA member institutes, potentially hindering the responsible development of the profession;

NOW, THEREFORE, BE IT RESOLVED, that the ARCASIA through its Committee on Architecture Education (ACAE) and Committee on Professional Practice (ACPP) hereby adopts the following on the responsible integration of Artificial Intelligence in Architectural Education and Practice:

I. Guiding Principles:

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

I.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 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. 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.

I.2 Sustainability and Efficiency: AI should be leveraged to optimize design processes, improve efficiency, and promote sustainability. 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.

I.3 Integration, Collaboration, and Continuous Learning: AI tools should seamlessly integrate with latest design software and workflows. High-quality, project-specific data should be used to ensure accuracy and reliability. Robust systems for tracking changes and AI contributions in collaborative projects are essential. Continuous staff training and regular assessment of AI tools are necessary to ensure alignment with design philosophies and project requirements.

I.4 Risk Management and Future-Proofing: The 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 at the forefront of the industry. The development of industry standards and ethical frameworks for AI use in architecture should be actively supported.

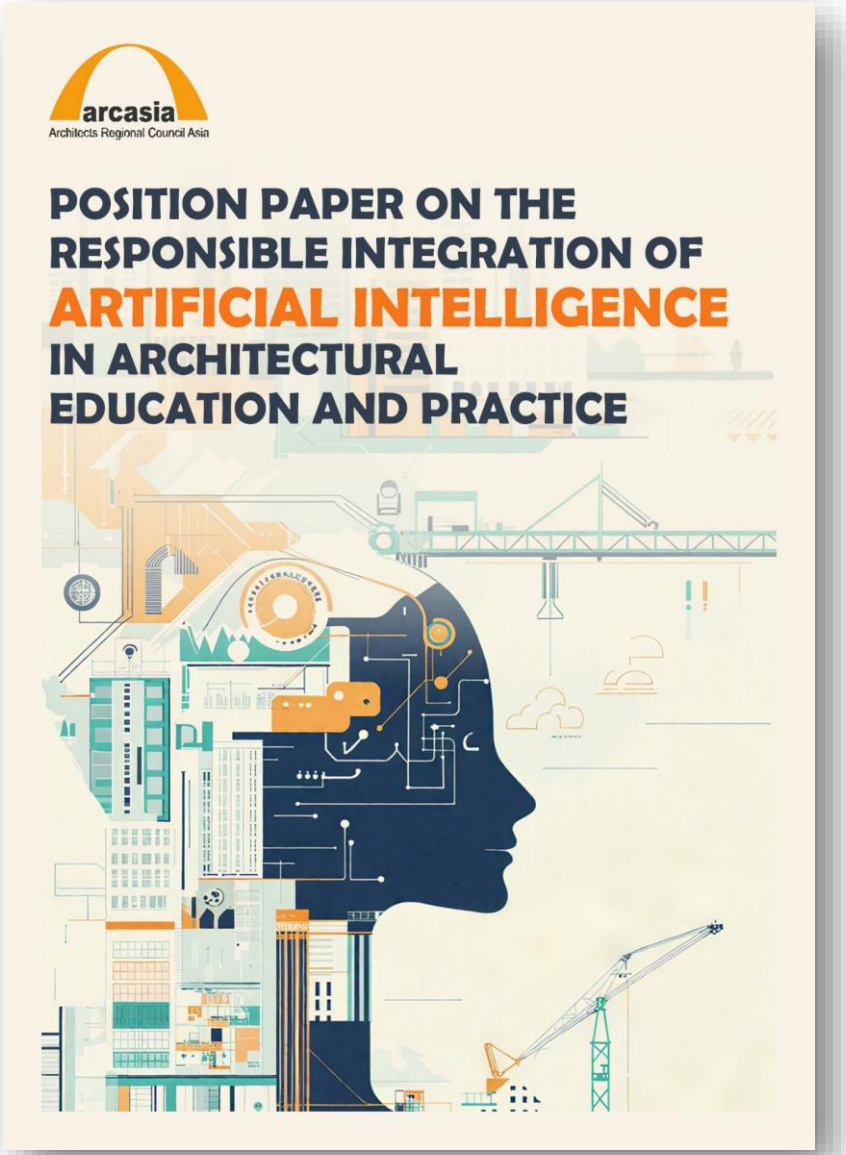
II. Educational Guidelines:

Architectural education should incorporate AI responsibly, emphasizing its supplementary role:

II.1 Basic Training: Students should use AI for learning and exploration, avoiding plagiarism and understanding data privacy. Transparency in AI use should be promoted.

II.2 Developmental Phase: Students should practice responsible creativity, mitigating biases in AI-generated designs and respecting cultural sensitivities.

II.3 **Culmination Phase:** Students should demonstrate accountability in AI-assisted decisions, informed consent and communication, and a balance between innovation and practicality. The entire design process, from conception to completion, must remain the focus, with AI serving as a tool to enhance, not replace, the student's creative process.



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Discussions in Incheon

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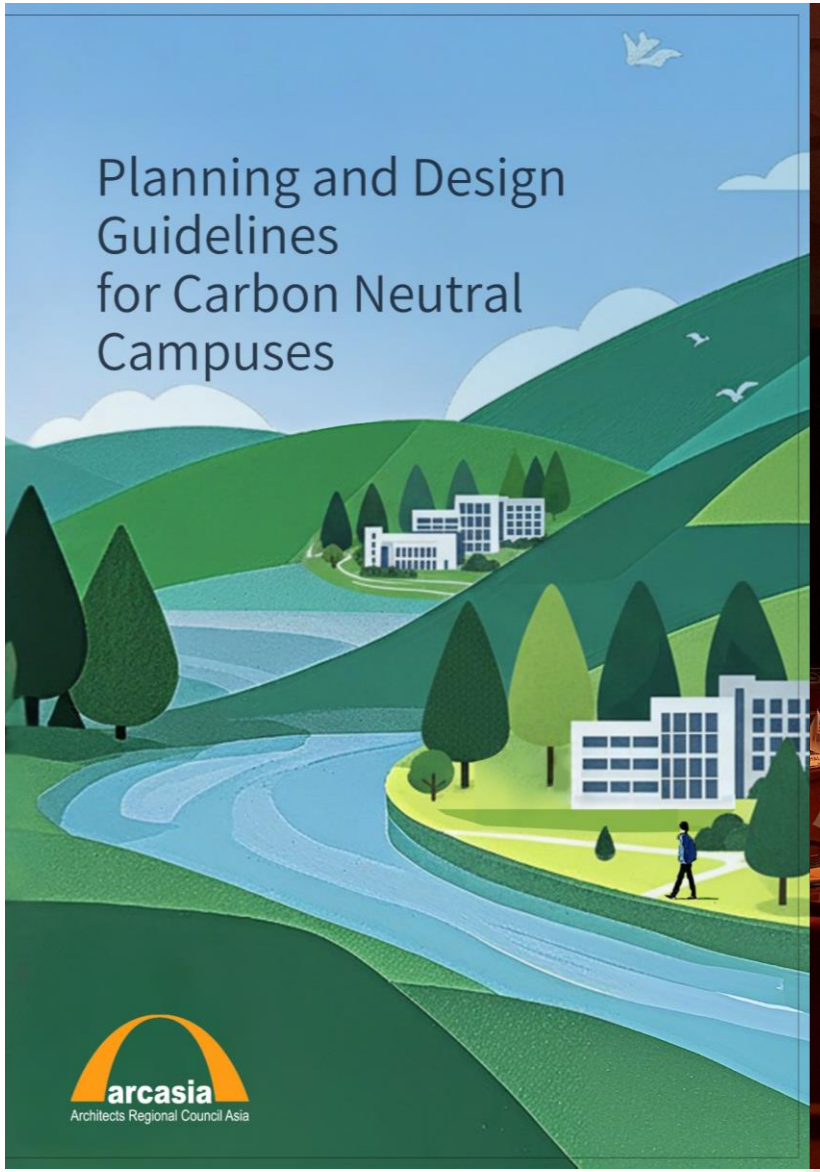


ACPP discussed it at the meeting held in Colombo on January 14th,2025

2025 May

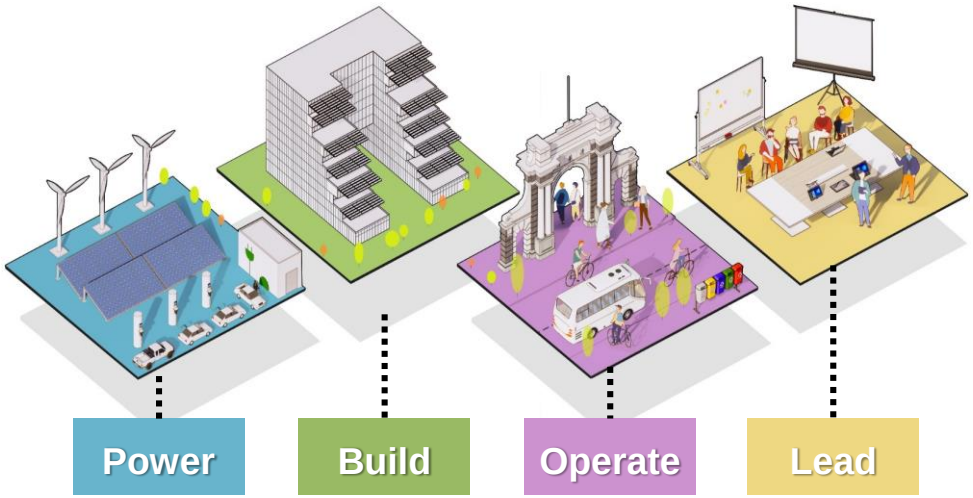
ARCASIA Seminar on Planning and Design for Campus Carbon Neutrality

CONTENT

The seminar was held in Beijing on May 9th, 2025. The event is supported by ASC and Tsinghua University.

2025 May

ARCASIA Seminar on Planning and Design for Campus Carbon Neutrality



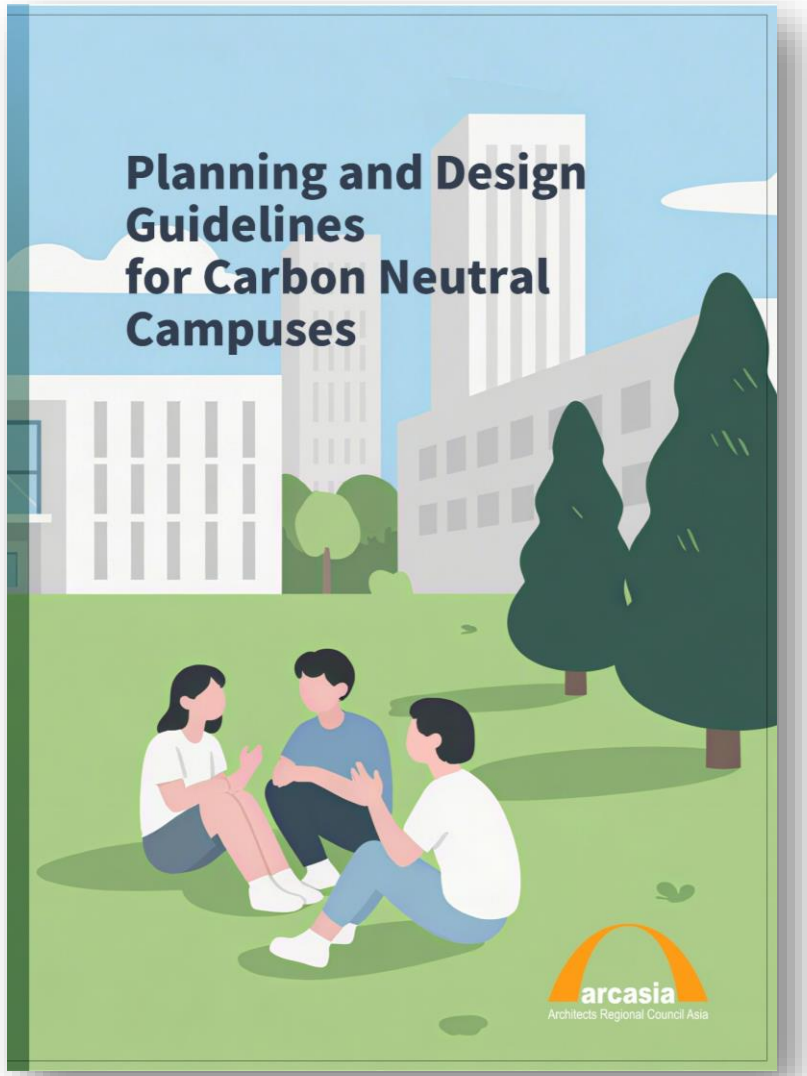
The Campus Carbon Neutral Plan

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 is a concise how-to manual guideline.

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



CONTENT

- Background
- Role of the architects
- Objectives
- What is a carbon neutral campus?
- Roadmap
  - Planning and Feasibility Phase
  - Design and Implementation Phase
  - Operational Phase
- Participation of the architects
- Enforcement of the architects
- Campus community engagement

2025 May

ARCASIA Seminar on Planning and Design for Campus Carbon Neutrality

CONTENT

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

The Introduction to the CIM-Based Diagnostic Platform for Campus Carbon Neutrality of THU

The Introduction to the Diagnostic Platform of Architectural Energy Efficiency Building, THU

THU Zero-Carbon Space Visiting

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ACPP discussed it in Incheon on September 8th

45th COUNCIL MEETING | 09 & 10 September 2025 | Incheon, KOREA

2025 Aug 2nd

Webinar: From Survival to Global Leadership

Open Speech： Ar. Saifuddin Ahmad

Host：Ar. Zhang Wei

CONTENT

Ar. Ken Yeang delivered a keynote speech exploring how architectural practice has evolved from responding to crises and survival needs to becoming a global leader equity, and design innovation discussions.

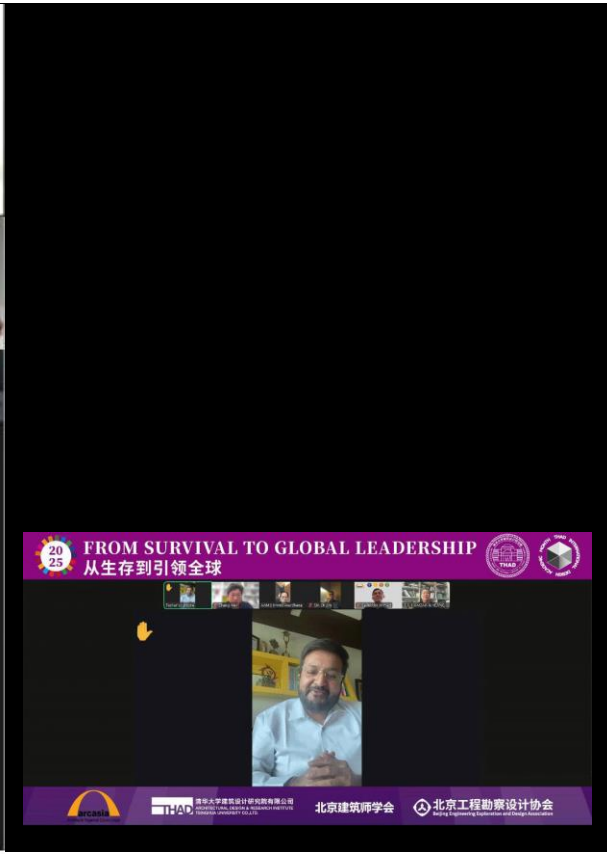
Keynote Speaker: Ken Yeang

2025 Aug 2nd

Webinar: From Survival to Global Leadership

CONTENT

This webinar provided opportunities for architectural professionals, scholars, and the public from Asia and across the country to have face-to-face discussions with renowned architects.



2025 Aug 2nd

Webinar: From Survival to Global Leadership

CONTENT

About **3000** people watched the live stream online.

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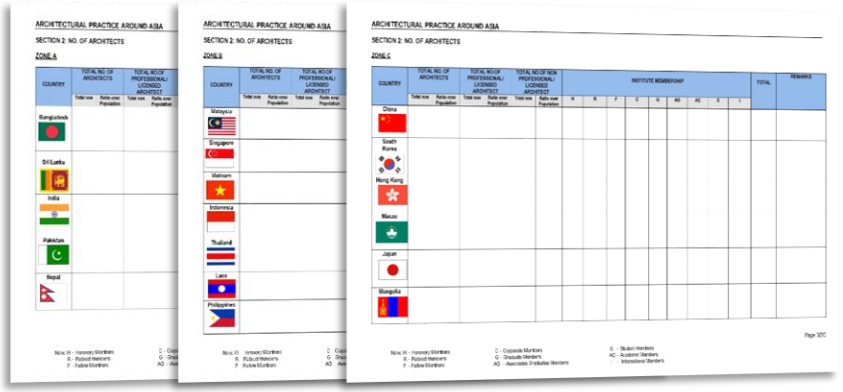
2025 Sept

Survey and Database for Practice Phase II

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

ACPP Architectural Practice Reports By Members
(”Section 2: No. of Architects” as example)



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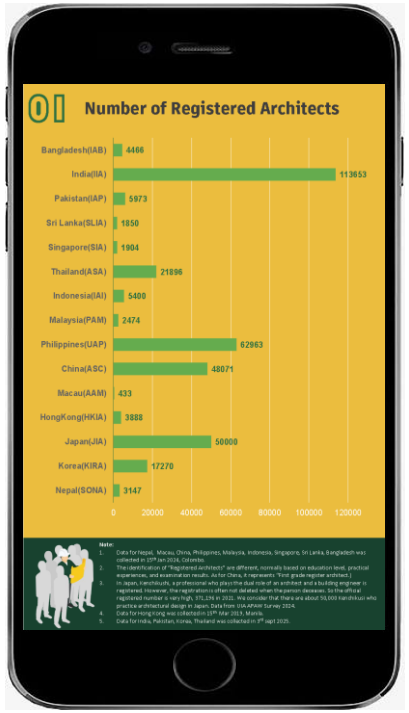
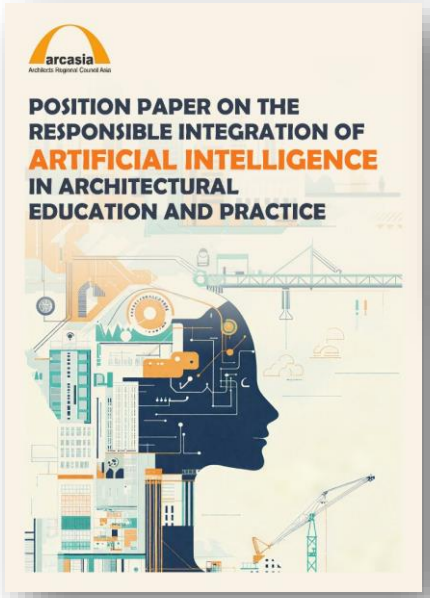
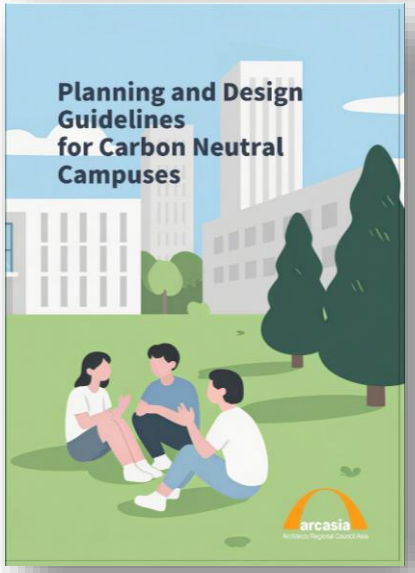
INTRODUCTION OR INDEX
01 Number of Registered Architects
02 Number of Registered Architects / 1000 Inhabitants
05 Educational Preparation to Be a Registered Architect
06 Number Of Architecture Students (Annual)
01 Number of Registered Architects
Bangladesh(IAB) 4466
India(IIA) 27319
Pakistan(IAP) 5973
Sri Lanka(SLIA) 1850
Singapore(SIA) 1870
Thailand(ASA) 28642
Indonesia(IAI) 5400
Malaysia(PAM) 2474
Philippines(UAP) 62963
China(ASC) 48071
Macau(AAM) 433
HongKong(HKIA) 3888
Japan(JIA) 50000
Korea(KIRA) 17270
Nepal(SONA) 3147
02 Number of Registered Architects / 1000 Inhabitants
Bangladesh(IAB) 0.026
India(IIA) 0.020
Pakistan(IAP) 0.023
Sri Lanka(SLIA) 0.080
Singapore(SIA) 0.292
Thailand(ASA) 0.433
Indonesia(IAI) 0.020
Malaysia(PAM) 0.072
Philippines(UAP) 0.529
China(ASC) 0.034
Macau(AAM) 0.645
HongKong(HKIA) 0.520
Japan(JIA) 0.400
Korea(KIRA) 0.330
Nepal(SONA) 0.104
03 Proportion of Architects by Gender
India (IIA) 47% 53%
Sri Lanka (SLIA) 36% 64%
Philippines (UAP) 40% 60%
China (ASC) 33% 68%
Hong Kong (HKIA) 29% 71%
Japan (JIA) 13% 87%
Korea (KIRA) 16% 84%
Nepal (SONA) 55% 45%
Male
Female
04 Percentage of Archite
05 Educational Preparat to be a Registered Architect
06 Number Of Architect /(Annual)
Bangladesh 450
Pakistan 1500
Sri Lanka 830
Thailand 1200
Malaysia 1750
China
HongKong 961
Japan
Korea 2371
07 Number of Offices
Bangladesh 149
Pakistan 256
Sri Lanka 709
Singapore 701
Thailand 784
Indonesia 3817
India 25320
Malaysia 1959
China 23741
HongKong 190
Japan
Korea 16184
Nepal 300
08 Office Size Distribution
Hong Kong 2.63% 44.21% 53.16%
India 42% 40% 18%
1 or 2
3 to 10
more than 10

2024 Apr → 2024 May → 2024 Jun → 2024 Jul → 2024 Aug → 2024 Sep → 2024 Nov → 2025 Jan → 2025 May → 2025 Aug → 2025 Sept



Data shouldn't be left dormant in warehouses; it should be presented in ways familiar to the smartphone era. We only show the data based on the country reports and publicly available information submitted by member organizations; we do not offer any interpretation. Everyone is free to study these data according to their own perspectives and requirements.





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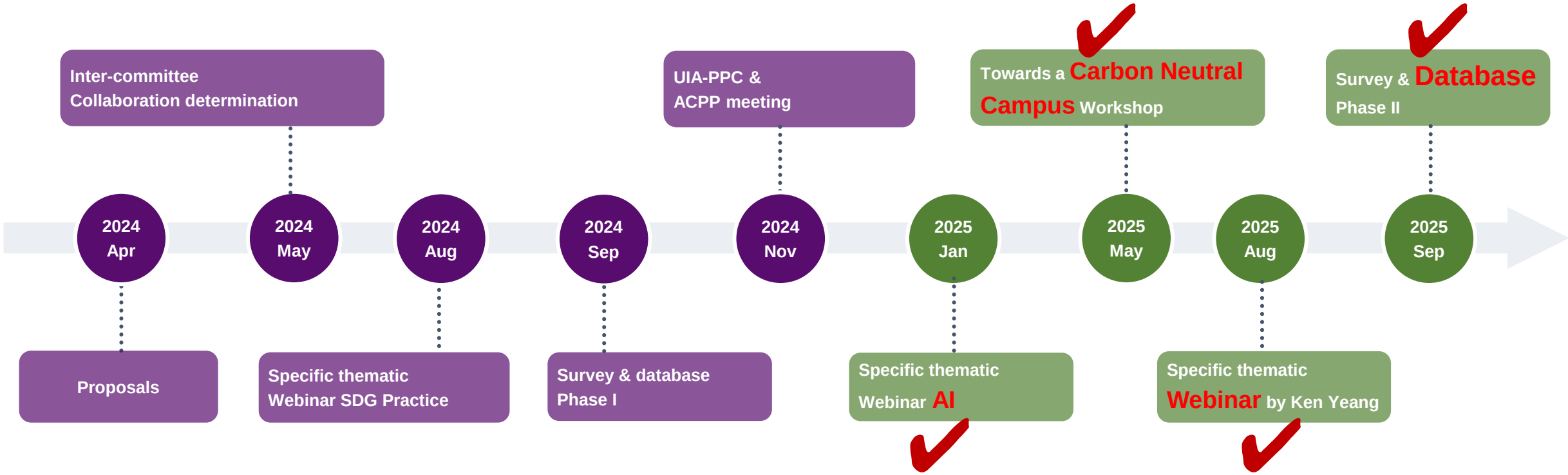
TIMELINE

ACPP roadmap 2024-2025



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 !

Incheon

Colombo

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