

Guidelines of ASEAN Smart City Professional Program (ASPP)

9 March 2023 Global R&DB Center, Seoul National University

■ ASPP Overview

- Official Title of Project: Capacity Building Project for the Data-driven Smart City Planning
- Course Name: ASEAN Smart City Professional Program (ASPP)
- Project Period: 1 January 2023 ~ 31 December 2027 (5 Years)
- Program Info: Short-term Training for the Member Cities of ASEAN Smart Cities Network (ASCN) and Master's Degree Course for ASEAN Member States
- Funding Partner: ASEAN-Korea Cooperation Fund (AKCF)
- Sponsoring ASEAN Body: ASEAN Senior Officials' Meeting (SOM)
- Implementing Organization: Seoul National University Global R&DB Center (SNU GRC)
 X ASPP offers cutting-edge transdisciplinary graduate course of Smart City Global Convergence program which is one of the interdisciplinary programs at SNU.

□ Project Objectives

- Provide capacity building for ASEAN Member States on data-driven smart city.
- Build ASEAN-Korea Smart City Knowledge Sharing Platform.
- Develop leadership and strengthen networking which enables countries to change, flourish and grow.
- Enhance mutual understanding across cultures to strengthen people-to-people connectivity.
- Establish a database of students and experts towards creating a trainee-centered community, composition and operation of expert network.

□ Activities

Output 1	Master's Degree Course: The First Batch: 2 March, 2024 ~ 28 February, 2026 (2 Years) The Second Batch: 2 March, 2025 ~ 28 February, 2027 (2 Years)	
Output 2	Short-term Training: Two weeks every year in August-September (including a two-day online class) ²	
Output 3	Annual Conference & Webinar to be held separately the 2 nd half of the year. Conference: World Smart City Expo (WSCE) is usually held the first week of September every year (7 th -8 th September, 2023, as of the year of 2023). ASPP Annual Webinar: To be held in consultation with ASCN the 2 nd half of the year (to be confirmed).	

¹ Given the time constraint of the First Batch's project implementation, the First Batch of the Master's Degree Course will be starting its study in the spring semester of 2024.

O Participating ASEAN Member States: All (10 countries), ASCN (26 Cities)

In total, 260 participants for the Short-term Training and 40 participants for the Master's Degree Course for 5 years. This number is subject to change as the ASCN agreed to expand its membership base over the period of 2023-2025.

O Operation:

- ASPP offers cutting-edge transdisciplinary graduate course of Smart City Global Convergence program (http://ismartcity.snu.ac.kr) which is one of the interdisciplinary programs at SNU.
- The program focuses on data-driven smart city offers in-class lectures and seminars, internships at companies, field trips, and participation in international smart city projects.

² A participant of the Short-term Training is not eligible to participate in other Short-term Training programs.

☐ Student Recruitment Plan for the Master's Degree Course

O Master's Degree Course:

- Course Name: ASEAN Smart City Professional Program (ASPP) Master's Degree Course
- Recruitment Unit: Seoul National University (SNU) International Admissions I
- Info: Taking the Master's Degree Course at the Technology Management, Economics, and Policy Program of SNU

Eligibility:

- -A minimum of 10 years of demonstrated experience related to smart city. XPublic officials who have work experience or have work plans related to smart cities.
- -Level of Education: A bachelor's degree or higher;
- -Nationality Requirements: Nationals of ASEAN Member States;
- -Ability to propose an institutional-level data-driven smart city project for the country or city they represent, and which have the potential for ASEAN-Korea cooperation.
- Entrance Quota: A maximum number of 20 students per year
- Selection Procedures: Document screening (1st) and interview (2nd)
 - ASCN National Representatives, in consultation with the ASCN Chief Smart City Officers, will submit 2-3 nominations per nation to SNU GRC with a copy to the ASEAN Connectivity Division of the ASEAN Secretariat and AKPMT;
 - Selected nominees will submit their full applications to SNU GRC who will then select students in consultation with the ASCN and ASEAN Secretariat;
 - Extra points will be added for those who submit a letter of recommendation from such related organizations as the U.N., CityNet, WeGO and KIND;
 - Extra points will be added for the graduates of ASPP Short-term Training;
 - ASPP supports only the matters necessary for acquiring the Master's Degree Course (tuition, living expenses, air tickets, etc.) but does not support and/or guarantee applicants' future overseas studies, re-employment after a leave of absence (education), and/or domestic employment;
 - Students are not eligible if they are already scholarship beneficiaries, and/or expected beneficiaries from other institutions of a similar smart city course.

O Schedule:

Application via e-mail	June 1 st (Thurs), 2023 ~ the latest by 5:00 PM (KST) on June 30 th (Fri), 2023	
Document screening (1st)	July 3 rd (Mon), 2023 ~ July 7 th (Fri), 2023	
Interview screening	July 19 th (Wed), 2023 ~ July 22 nd (Sat), 2023	
Preliminary admissions decision	After 5:00 PM (KST) on October 6th (Fri), 2023	
Submission of original documents	October 12 th (Thurs), 2023 ~ 5:00 PM (KST) on Oct 27 th (Fri), 2023	
Final admissions decision	After 5:00 PM (KST) on November 24th (Fri), 2023	
Registration/Enrollment	January ~ February 2024	

O Details of Funding:

- Tuition fee: full tuition exemption (up to 2 years)
- Living expenses: 1,500,000 KRW per month for up to 2 years (including, housing expense)
- A round-trip airfare:
 - **X** Economy class based on GTS system
- . National Health Insurance

☐ Student Recruitment Plan for Short-term Training

O Short-term Training:

- Course Name: ASEAN Smart City Professional Program (ASPP): Data-driven Smart City Planning Training
- **Subjects:** Across-the-board matters, including technologies, solutions, urban planning that are driven by an online platform focused on data-based smart cities, and real-life examples (Pre-departure 2-day online & 2-week offline training in Korea).

Eligibility:

- A minimum of 5 years of demonstrated experience related to smart city.
 ※Public officials who have work experience or have work plans related to smart cities.
- Nationality Requirements: Nationals of ASEAN Member States;
- Ability to propose an institutional-level data-driven smart city project for the country or city they represent, and which have the potential for ASEAN-Korea cooperation.
- Schedule: Held in August-September every year
- Entrance Quota: About 52 students per year (Two Smart City Officers per city)

Selection Procedures:

- ASCN National Representatives and ASEAN Member States National Representatives, in consultation with the ASCN Chief Smart City Officers, will submit 2-3 nominations per city and/or nation to Seoul National University's GRC with a copy to the ASEAN Connectivity Division of the ASEAN Secretariat and AKPMT.
- Selected nominees will submit their full applications to Seoul National University's GRC who will then select students in consultation with the ASCN and ASEAN Secretariat.

O Schedule:

Application via e-mail	May 1 st (Mon), 2023 ~ the latest by 5:00 PM (KST) on May 19 th (Fri), 2023	
Document screening (1st)	May 24 th (Wed), 2023 ~ May 26 th (Fri), 2023	
Preliminary admissions decision	After 5:00 PM (KST) on June 9th (Fri), 2023	
Final admissions decision	After 5:00 PM (KST) on June 16th (Fri), 2023	
Training dates	Aug 25 th (Fri) ~ Sept 8 th (Fri) 2023	

O Details of Funding:

- . A round-trip airfare
 - **X** Economy class based on GTS system
- Per-diem and accommodation expenses
- Travel insurance

☐ ASEAN-Korea Smart City Knowledge-Sharing Platform Webinar and Conference

Annual Conference & Webinar to be held separately the 2nd half of the year.

Conference: World Smart City Expo (WSCE) is usually held the first week of September every year (7th-8th September, 2023, as of the year of 2023).

Webinar: To be held in consultation with ASCN the 2nd half of the year (to be confirmed).

☐ Establishment and Operation of Trainee Expert Database

- Establishment of trainee-oriented community platform and database
- Organization and operation of expert network

□ Outreach Strategy

- Distribution of program guide brochure
- Promotion through ASEAN Secretariat and ASEAN-Republic of Korea (ROK) Program Management Team (AKPMT)
- ASPP Promotion in ASCN Cities
- Promoting through 10 foreign missions (embassy, consulate general, branch offices, etc.) via cooperation with ROK's Ministry of Foreign Affairs
- Sending SNU's admissions guide and application forms in English

X Appendices:

- 1. Master's Degree Course Executive Plan
- 2. Short-term Training Program Executive Plan
- 3. ASEAN-Korea Smart City Knowledge-Sharing Platform Conference & Webinar

[Appendix 1] Master's Degree Course Executive Plan

☐ Master's Degree Course:

O Master's Degree Course:

- Course Name: ASEAN Smart City Professional Program (ASPP): Master's Degree Course
- Recruitment Unit: Seoul National University (SNU) International Admissions I
- **Info:** Taking the Master's Degree Course at the Technology Management, Economics, and Policy Program of SNU
- Eligibility:
 - A minimum of 10 years of demonstrated experience related to smart city. XPublic officials who have work experience or have work plans related to smart cities.
 - Level of Education: A bachelor's degree or higher;
 - Nationality Requirements: Nationals of ASEAN Member States;
 - Ability to propose an institutional-level data-driven smart city project for the country or city they represent, and which have the potential for ASEAN-Korea cooperation.
- Entrance Quota: A maximum number of 20 students per year
- Selection Procedures: Document examination (1st) and interview (2nd)
 - ASCN National Representatives, in consultation with the ASCN Chief Smart City Officers will submit 2-3 nominations per nation to SNU GRC with a copy to the ASEAN Connectivity Division of the ASEAN Secretariat and AKPMT;
 - Selected nominees will submit their full applications to SNU GRC who will then select students in consultation with ASCN and the ASEAN Secretariat;
 - Extra points will be added for those who submit a letter of recommendation from such related organizations as the U.N., CityNet, WeGO and KIND;
 - Extra points will be added for the graduates of ASPP Short-term Trainings;
 - ASPP supports only the matters necessary for completing the Master's Degree Course (tuition, living expenses, air tickets, etc.) but does not support and/or guarantee applicants' future overseas studies, re-employment after a leave of absence (education), an/or domestic employment.
 - Students are not eligible if they are already scholarship beneficiaries, and/or expected beneficiaries from other institutions of a similar smart city course.

O Details of Funding:

- Tuition fee: full tuition exemption (up to 2 years)
- Living expenses: 1,500,000 KRW per month for 2 years (includes housingexpense)
- A round-trip airfare
 - **X** Economy class based on GTS system
- National Health Insurance

O Schedule:

- Application: Jun 1st (Thurs), 2023 ~ the latest by 5:00 PM (KST) on June 30th (Fri), 2023
- Interview: Scheduled to be implemented in July. Successful applicants of the document screening will be individually contacted.
- Preliminary admissions decision: After 5:00 PM (KST) on October 6th (Fri), 2023
- Submission of original documents: October 12th (Thurs), 2023 ~ 5:00 PM (KST) on Oct 27th (Fri), 2023
- Final admissions decision: After 5:00 PM (KST) on November 24th (Fri), 2023

□ Admissions Details

Туре	International Admissions I (for those whose parents are not Koreans)	
Application via e-mail	June 1 st (Thurs), 2023 ~ the latest by 5:00 PM (KST) on June 30 th (Fri), 2023	
Document screening (1st)	Jul 3 rd (Mon), 2023 ~ July 7 th (Fri), 2023	
Interview screening	Jul 19 th (Wed), 2023 ~ July 22 nd (Sat), 2023	
Preliminary admissions decision	After 5:00 PM (KST) on October 6th (Fri), 2023	
Submission of original documents	October 12 th (Thurs), 2023 ~ 5:00 PM (KST) on Oct 27 th (Fri), 2023	
Final admission decision	After 5:00 PM (KST) on November 24th (Fri), 2023	
Registration/Enrollment	January ~ February 2024	

X The schedule above is subject to change depending on the circumstances of school.

■ Where and How to Apply

- Fill out application forms and send them to grc@snu.ac.kr
- Send the application form 1 and 2 first, and scanned files of all the remaining necessary documents via email. See the Required Documents for more details.
- Administration Office of SNU ASPP:
 - Bldg.39, Room#133, Seoul National University, 1 Gwanak-ro, Gwanak-gu, Seoul, Republic of South Korea (08826)
 - Tel. +82-2-880-9140~1 / Fax. +82-2-873-7229
 - Email. grc@snu.ac.kr
 - Website. http://grc.snu.ac.kr

☐ Required Documents

- X All documents must be submitted in English.
- X All submission documents must be submitted by e-mail.

No.	Required Documents	
1	[Form 1] Completed Application Form	
2	[Form 2] Personal Statement and Policy Proposal	
3	[Form 3] Two letters of Recommendation from the head of your organization/institution (Recommendations must be sealed in an official envelope and signed on the back by the recommenders.)	
4	[Form 4] Data Driven Smart City project proposal related to ASEAN and Korea	
5	CV (curriculum vitae)	
6	Proof of Employments (Indicate a title and an employment period.)	
7	Certificate of the Bachelor's degree	
8	Official transcripts of academic records for Undergraduate Studies	
9	A copy of the applicant's passport (or other official documents indicating your nationality)	
10	Copies of both parents' passport (or other official documents indicating parents' nationality)	
11	Official document indicating parent-child relationship between the applicant and parents (applicant's birth certificate or household register proving the parent-child relationship)	
12	Optional documents: English Proficiency Test Certificates such as TOEFL, TOEIC, TEPS, IELTS, etc.	

X Notes

- Preliminary successful applicants are required to submit the original documents by mail that had been scanned and uploaded at the time of online application:
 - Preliminary acceptance may be canceled if the original documents are not submitted or found to be inadequate.
- Multiple applications are not permitted. (Such an application constitutes a reason for disqualification.)
- Entitlement to "preliminary acceptance" and admissions are limited to the application for the semester concerned only, so this cannot be postponed to the next semester.
- After passing, successful applicants must check out the information announced on the admissions homepage.
- Admissions may be canceled in the following cases:
 - If applicants failed to prove graduation after passing, though they were to graduate from undergraduate or master's courses at the time of application;
 - If applicants failed to submit Apostille or consular confirmation on graduation certificate (or a certificate of degree) and transcript after preliminary acceptance;
 - If applicants submitted incomplete original documents or failed to submit original documents after preliminary acceptance;
 - If applicants paid tuition to two or more domestic universities with the same enrollment period;
 - If applicants registered in other domestic or foreign universities at the time of their admissions to SNU (in case of holding dual academic records);
 - If applicants submitted falsified document(s) during the admissions process, are found to have passed the examination by proxy, applied with other improper means, or interfered with fair student selection (They may be subject to separate punishment);
- ASPP supports only the matters necessary for completing the Master's Degree Course (tuition, living expenses, air tickets, etc.) but does not support and/or guarantee applicants' future overseas studies, re-employment after a leave of absence (education), and/or domestic employment.

[Reference 1] Original Document/Notarized Translation

Original Document

- A document issued for the first time in the issuing institution, with an autograph of the person in charge or official seal.
- When submitting a copy of the original document due to reasons such as not being able to reissue the original document, applicants must submit it with an explanatory statement.

Original Document with Notarized Translation

- An original document translated into Korean or English by authorized notary office and having a notarization seal.
- If the original document is written in foreign language other than Korean or English, a notarized translation of original document should be issued and submitted along with the original document.

[Reference 2] Certification of Documents Proving Academic Background in accordance with the Apostille Convention

Apostille Convention

A multilateral agreement, which focuses on legalization by the issuing country of public documents instead of abolishing complicated certification procedures such as consular confirmation at foreign missions, reached to facilitate mutual certification of official documents among signatories to the Convention.

- Official Name: Convention Abolishing the Requirement of Legalization for Foreign Public Document
- Information on Apostille-related institutions by country: Go to www.hcch.net –
 Members & Parties HCCH Members
- Applicants from Korean universities are not subject to certification related to Apostille convention and thus, must submit original document of official graduation certificate and transcript.

Applicants from universities in member countries

- Required Documents: Graduation certificate from the last level of education applicants completed & transcript
- Legalizing Institute: Institute authorized by the government of the country concerned
- How to submit: Submit an "Apostille confirmation" for the above documents issued by an institute designated by the government of the country concerned. [Note] Apostille confirmation can be replaced with "Certificate of Overseas Educational Institution" or "Authentication issued from Korean Embassy/Consulate."

Applicants from universities in non-member countries

- Required Documents: Graduation certificate from the last level of education applicants completed & transcript (those from Chinese universities must submit a certificate of a degree as well).
- Legalizing Institute: Overseas Korean diplomatic missions in countries concerned (embassy or consulate)
- How to submit: Submit a "Certificate of Overseas Educational Institution" or "Authentication" for the above documents issued by the Korean Embassy/Consulate in the country concerned.

Note: Documents in a language other than Korean or English should be translated into Korean or English, and notarized.

[Appendix 2] Short-term Training Executive Plan

☐ Plan for Short-term Training

O Short-term Training:

- Course Name: ASEAN Smart City Professional Program (ASPP): Data-driven Smart City Planning Short-term Training
- Subjects: Across-the-board matters, including technologies, solutions, urban planning that are driven by an online platform focused on data-based smart cities, and real-life examples (2-day online & 2-week offline training)
 - The goal is to build a smart city knowledge sharing platform in ASEAN Member States **Eligibility:**
 - A minimum of 5 years of demonstrated experience related to smart city.
 ※Public officials who have work experience or have work plans related to smart cities.
 - Nationality Requirements: Nationals of ASEAN Member States;
 - Ability to propose an institutional-level data-driven smart city project for the country or city they represent, and which have the potential for ASEAN-Korea cooperation.
- Schedule: Held in August-September every year
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☐ Required Documents

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7	Certificate of the Bachelor's degree	
8	Official transcripts of academic records for Undergraduate Studies	
9	Optional documents: English Proficiency Test Certificates such as TOEFL, TOEIC, TEPS, IELTS, etc.	

□ Operations

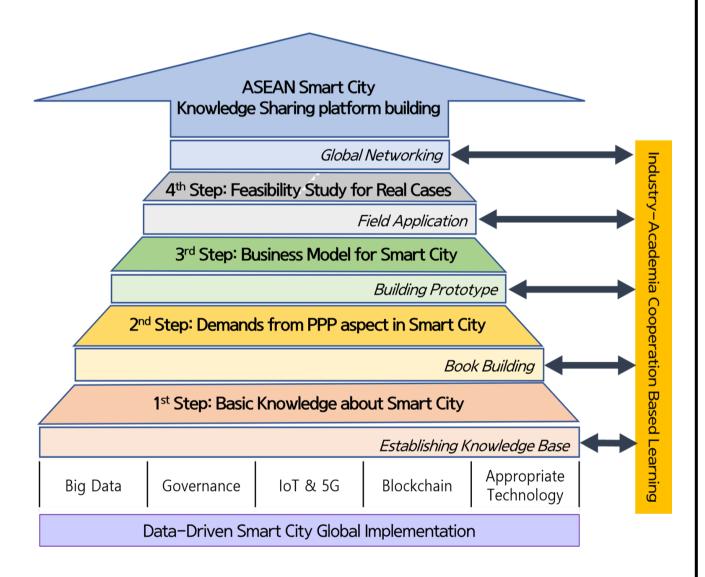
- Project building (practices to solve Smart city problem consulted by Korean experts in both private and public sector);
- Wrap-up workshop for knowledge sharing between trainees after the lectures and project works;
- Technical trip (site visit to smart city test-bed in Korea).

□ Summary of the Training

- Lectures focus on the data-driven smart city in general but also covers practical issues including technologies, solutions, city planning and real cases as well as gender aspects;
 - Module 1: Smart City Fundamentals
 - Module 2: Smart City Solutions and Technologies
 - Module 3: Korean and Global Cases and Practices of Smart Cities
 - Module 4: Smart City Planning
 - Module 5: Smart City Financing
 - Module 6: Smart City Implementation

□ Curriculum (tentative)

- Basically, carried out in the format of industry-academia cooperation
- Focus on big data, governance, Internet of Things, 5G communications, blockchain and appropriate technology.
- The goal is to conduct performance tests internationally on data-based smart cities through the following five steps;
 - 1st Step: Basic Knowledge about Smart City
 - 2nd Step: Demands from Public-Private Partnership (PPP) aspect in Smart City
 - 3rd Step: Business Model for Smart City
 - 4th Step: Feasibility Study for Real Cases
 - 5th Step: ASEAN-Korea Smart City Knowledge Sharing Platform



☐ Proposed Short-term Training Date

Year	Schedule		Curriculum
	Online: Aug 25 ~ Aug 26 (2 days)	Identification of urban problems and demand in ASEAN countries	
2023	Offline: Aug 29 ~ Sept 8 (2 weeks)	Aug 29 ~ Sept 2 (5 days)	Onsite Training
		Sept 3 ~ Sept 5 (3 days)	Onsite Technical Trip
		Sept 6 (1 day)	Onsite Project Building
		Sept 7~8 (2 days)	World Smart City Expo
	Online: End of August (2 days)	Suggest solutions to urban problems and discover business models	
		To be decided (5 days)	Onsite Training
2024	Offline: End of August ~ the	To be decided (3 days)	Onsite Technical Trip
	beginning of September (2 weeks)	To be decided (1 day)	Onsite Project Building
		To be decided (2 days)	World Smart City Expo
	Online: End of August (2 days)	Feasibility review including policy and regulatory sandbox initiatives	
		To be decided (5 days)	Onsite Training
2025	Offline: End of August ~ the beginning of September (2 weeks)	To be decided (3 days)	Onsite Technical Trip
		To be decided (1 day)	Onsite Project Building
		To be decided (2 days)	World Smart City Expo
	Online: End of August (2 days)	, ,	l cooperation system and
	Online: End of August (2 days)	knowledge network	
2026		To be decided (5 days)	Onsite Training
2020	Offline: End of August ~ the beginning of September (2 weeks)	To be decided (3 days)	Onsite Technical Trip
		To be decided (1 day)	Onsite Project Building
		To be decided (2 days)	World Smart City Expo
	Online: End of August (2 days)		city international unit
2027	3 (),	demonstrations	
	Offline: End of August ~ the beginning of September (2 weeks)	To be decided (5 days)	Onsite Training
		To be decided (3 days)	Onsite Technical Trip
		To be decided (1 day)	Onsite Project Building
		To be decided (2 days)	World Smart City Expo

X The Short-term Training schedule is tentative schedule and thus, subject to change.

[Appendix 3] ASEAN-Korea Smart City Knowledge Sharing Platform Conference and Webinar

☐ ASEAN-Korea Smart City Knowledge Sharing Platform Conference and Webinar

Annual Conference & Webinar to be held separately the 2nd half of the year: Conference: World Smart City Expo (WSCE) is usually held the first week of September every year (7th-8th September, 2023, as of the year of 2023). Webinar: To be held in consultation with ASCN the 2nd half of the year (to be confirmed).

☐ Establishment and Operation of Trainee Expert Database

- Establishment of trainee-oriented community platform and database
- Organization and operation of expert network

□ Outreach Strategy

- Distribution of program guide brochure
- Promotion through the ASEAN Secretariat and ASEAN-Republic of Korea (ROK) Program Management Team (AKPMT)
- ASPP promotion in ASCN Cities
- Promotion through 10 foreign missions (embassy, consulate general, branch offices, etc.) via cooperation with ROK's Ministry of Foreign Affairs
- Sending SNU's admissions guide and application forms in English