

APEC Future Education Consortium (AFEC) 2024

APEC Human Resources Development Working Group

June 2025



**Asia-Pacific
Economic Cooperation**



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Economic Cooperation**

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APEC Project: HRDWG 11 2024S

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Project Overview

Project Number	[HRD 11 2024S] The APEC Future Education Consortium (AFEC) 2024
Date	19 Nov. (Tue.) The 20th APEC Future Education Consortium Steering Committee (SC) Meeting
	20 Nov. (Wed.) The 19th APEC Future Education Forum (AFEF)
	21 Nov. (Thur.) The 21st International ALCoB Conference (AC)
Venue	Bangkok, Thailand / Live Streaming
Host	Ministry of Education, Republic of Korea (K-MOE) Ministry of Higher Education, Science, Research and Innovation, Thailand (MHESI)
Organizer	Institute of APEC Collaborative Education (IACE)
Co-sponsor	Thailand
Participants	250 persons from 9 economies* and 3 international organizations** *Australia (AUS); China (PRC); Indonesia (INA); Japan (JPN); the Republic of Korea (ROK); Malaysia (MAS); the Philippines (PHL); Chinese Taipei (CT); Thailand (THA) ** UNESCO Regional Office in Bangkok, APEC Human Resources Development Working Group (HRDWG), SEAMEO INNOTECH
Theme	“Future Education for Sustainable and Inclusive Growth in the APEC region”
Outputs	[SC] AFEC Steering Committee meeting
	[AFEF] APEC Future Education Forum <ul style="list-style-type: none"> • Keynote Session, Thematic Presentation, Panel Discussion
	[AC] International ALCoB Conference <ul style="list-style-type: none"> • Best Practices of ALCoB (<i>APEC Learning Community Builders</i>) Projects* and Talk Concert * ALCoB Cooperative Exchange Program (ACE) ALCoB Program for Educators' eXchange (APEX) APEC School Leadership Program (ASLP) ALCoB Professional Learning Community (APLC) APEC Sustainable Social Entrepreneurship Training (ASSET)

Relevance

The AFEC 2024 aimed to align with the overarching theme of APEC 2024: Empower, Include, Grow. By embracing diverse perspectives, the AFEC is instrumental in contributing to a more inclusive and sustainable future of education. This project also contributes to the achievement of the APEC Education Strategy by accelerating innovation, one of its main pillars.

The goals of AFEC align with the HRDWG objectives, which are:

- ① Develop 21st-century knowledge and skills for all
- ② Integrate human resources development into the global economy; and
- ③ Address the social dimensions of globalization.

Objectives

The project aimed to achieve three primary objectives: (i) to share innovative future-oriented educational policies and practices in the APEC region, (ii) to explore the vision of future education and materialize the ideal model of future schools, and (iii) to draw recommendations for shaping better, inclusive, and sustainable future education.

Event Summary

■ The 20th Steering Committee (SC) Meeting



■ Presentation of the outcomes of the 2024 APEC Education Cooperation Project

- Results of ALCoB Workshop, ACE, APEX, ASSET, ASLP, AFEC, APLC, and ADEPT (APEC Digital Education Policy Training) are shared by the representatives from **ROK; INA; MAS; PHL; CT; THA**

■ Introduction of the direction and agenda for the 2025 APEC in Korea and the APEC Education Ministerial Meeting (AEMM)

- The theme of the 2025 APEC Korea: Building a Sustainable Tomorrow - Connect, Innovate, Prosper

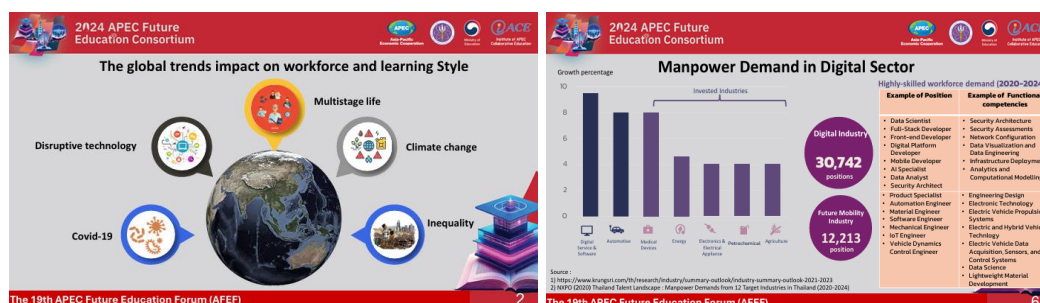
■ Expressions of support and discussion on future collaboration plans for APEC education cooperation projects

- Participants from various APEC economies, including Australia; Indonesia; Malaysia; the Philippines; Chinese Taipei; and Thailand expressed gratitude and support for Korea's APEC education cooperation projects. They highlighted **the projects' impact on bridging digital divides, inspiring policy adoption, and fostering regional collaboration**. Many voiced hopes for expanded participation and future cooperation. Strong support was also conveyed for **Korea's leadership in hosting the 2025 APEC and AEMM**, with high expectations for continued success in advancing educational collaboration.

■ The 19th APEC Future Education Forum (AFEF)

■ Keynote Speech *“Digital Innovation and Education: A Roadmap for an Inclusive and Sustainable Future”*

- Ms. Panisa Harnpathananun**, Office of National Higher Education Science Research and Innovation Policy Council (NXPO)



- Emphasized the importance of **designing an inclusive and sustainable future through digital innovation** and the role of education
- Personalized learning and the utilization of digital technologies** are key directions in education

- **Introduced Global Trends Affecting Education and Work (5 Factors)***

*Multistage Life, Disruptive Technology, Covid-19, Climate Change, Inequality

- **Changes Needed for Higher-Quality Education (6 Shifts)**

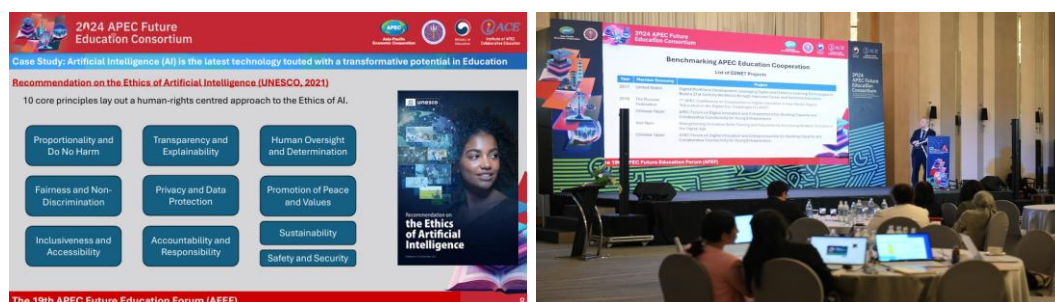
- Transition from **age-based learning** to **non-age-based learning**.
- Moving from **passive learners** to **agile learners**.
- Shift from **degree-focused** to **professional training**.
- Emphasis on **personalized education**.
- Development of **alternative education institutions**, such as online learning models, training providers, and corporate education leaders.

■ **Session 1 “Inclusive Education Policies to Bridge the Digital Divide”**



- **(Indonesia) Ms. Fransisca Nur'aini Khrisna**, Coordinator, Education Policy and System Evaluation, Indonesian Ministry of Primary and Secondary Education: Highlighted the "Rapor Pendidikan" platform and Smart Indonesia Programme (PIP) to improve education quality, emphasizing teacher capacity building and reforming evaluation systems.
- **(Australia) Ms. Janine Pitt**, Counsellor for Education and Research, Australian Embassy, Tokyo, Japan: Discussed expanding education access through digital technologies and establishing an AI ethics framework to create a safe and inclusive learning environment.
- **(Korea) Ms. Sumin Yoo**, Senior Deputy Director, Korean Ministry of Education: Introduced AI digital textbooks and teacher training initiatives to innovate classrooms while strengthening digital literacy and ethical responsibility education.
- **(Thailand) Panthep Larpkesorn**, Director of Multilateral Cooperation Unit Bureau of International Cooperation Office of the Permanent Secretary, the Ministry of Education: Addressed challenges of reduced education budgets and digital transformation, exploring new business partnerships as a pathway for educational growth.
- **(Japan) Mr. Yasutaka KOMATSUZAKI**, Japanese Ministry of Education Culture, Sports, Science and Technology: Shared efforts to close the digital education gap through the GIGA School Initiatives, which provide one device per student and pilot AI-driven schools.

■ Session 2 “Sustainable Development through Digital Technology: A New Paradigm for Talent Development”



- Speakers discussed strategies for leveraging digital technologies to promote sustainable development. Overall, the presented initiatives aim to balance AI's potential and risks, improve training efficiency, and foster inclusive educational growth within and beyond the APEC region.
- **Mr. Nyi Nyi Thaung, Programme Specialist**, UNESCO Regional Office in Bangkok: Highlighted the balance between the potential and risks of AI, emphasizing equal educational opportunities through digital technology.
- **Mr. Byunghun Yoo**, Associate Manager, Global Training Center, HD Hyundai Global Training Center: Introduced the digital simulators for safe job training and global online learning programs to enhance efficiency.
- **Dr. ZHAO Yuchi**, EDNET Coordinator (2023-2024), APEC HRDWG: Emphasized supporting digital transformation within APEC and fostering inclusive growth through education cooperation and benchmarking initiatives.
- **Dr. Prachya Boonkwan**, Researcher, National Electronics and Computer Technology Center: Presented five strategies for building an AI ecosystem and strengthening AI education capabilities through the KID-BRIGHT platform.

■ Session 3 “Educational Innovation and Collaboration in the Digital Age”



- **(Moderator)** Dr. ZHAO Yuchi, EDNET Coordinator (2023-2024), APEC HRDWG
- **(Panelists)** **Ms. Esy Adriyani**, Ministry of Primary and Secondary Education, Indonesia / **Mr. Nyi Nyi Thaung**, Programme Specialist, UNESCO Regional Office in Bangkok / **Mr. Alan Yen**, Executive Secretary, APEC Institute of Innovation and Education Development, Chinese Taipei / **Ms. Kochakom Khattapan-Acidre**, Deputy Director, SEAMEO INNOTECH
- The panel discussion, led by APEC EDNET Coordinator, showcased efforts by Indonesia; Chinese Taipei; UNESCO and SEAMEO INNOTECH to innovate education systems in the digital era. **Key strategies included leveraging technology for inclusivity, fostering regional collaboration, and enhancing global understanding of digital education trends.**
- Panelists shared insights on addressing challenges and fostering collaboration for education innovation in the digital age
- The moderator emphasized **bridging the digital divide** and **developing sustainable education systems.**
- Indonesia highlighted the regional cooperation to **integrate geographic diversity** in education.
- Chinese Taipei stressed enhancing **digital connectivity for all students** and organizing forums to deepen understanding of global digital education trends.
- SEAMEO INNOTECH focuses on **building sustainable learning environments** and achieving **educational equity** through strengthened technological capacity.

■ The 21st International ALCoB Conference (AC)

■ “Beginning of Collaboration in Educational Field: ACE (ACP)”

* Since 2024, the “ALCoB Cooperative Project (ACP)” has been renamed the “ALCoB Cooperative Exchange project (ACE)”

1. 2023 ACP & 2024 ACE (Elementary) between ROK and INA
2. 2023 ACP (Secondary) between ROK and PHL
3. 2024 ACE (Elementary) between ROK and MAS

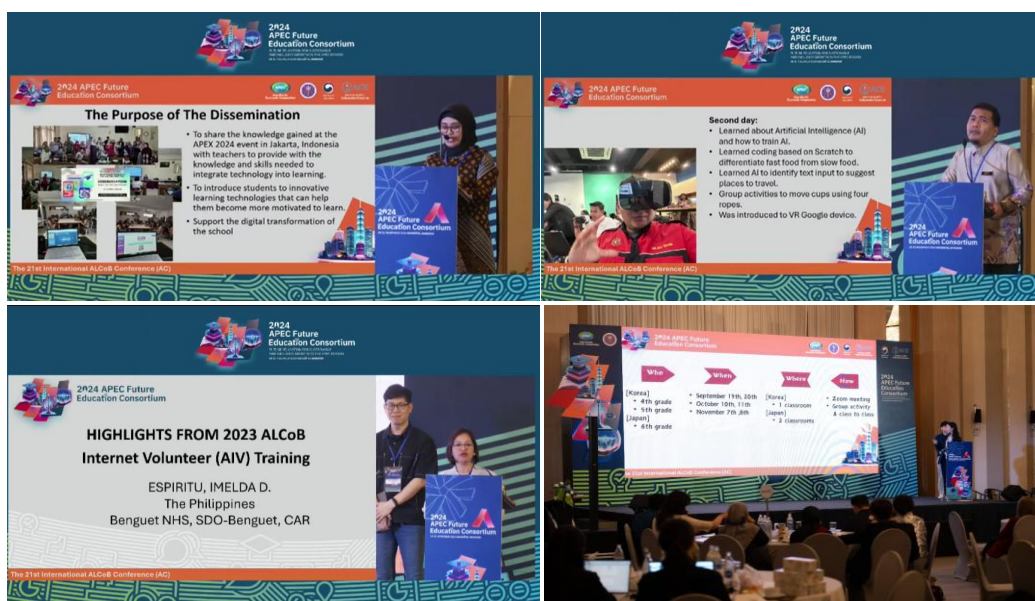


- The speakers (ALCoB teachers) shared their know-how and outcomes as the best practices.
- **INA-ROK (Rita/Rahayu/Lee Chang-geun):** Shared examples of online and offline educational and cultural exchanges utilizing digital technology, focusing on multicultural and language learning.
- **PHL-ROK (Ogaya/Jung Ji-young):** Presented practices of strengthening media literacy and student competencies, including an international student web conference.
- **MAS-ROK (Zulfadli/Kang Min-hee):** Shared examples of organizing an international class week focused on addressing plastic-free and environmental issues.

■ “Beyond Volunteering to Mutual Cooperation: APEX (AIV)”

* Since 2024, the “ALCoB ICT Volunteer (AIV)” has been renamed the “ALCoB Program for Educators’ eXchange (APEX)”

1. 2023 AIV Malaysia
2. 2023-24 AIV/APEX Indonesia
3. 2023-24 AIV/APEX Philippines
4. 2024 APEX Japan



- **2023 MAS (Mohd Adlan):** Highlighted that the 2023 workshop in Malaysia introduced participants to various new educational technologies, including Scratch-based coding, cloud computing, generative AI, machine learning, and VR.

- **2023-24 INA (Hwang Hyungjoon, Sinta Dewi Sekarwati):** The workshops in Indonesia offered various learning sessions utilizing robotics, block coding, and Scratch. As a result, the participants (INA teachers) applied student-centered EdTech to their schools and shared the outcomes.
- **2023-24 PHL (Ko Kyounguk, Imelda D. Espiritu):** The workshop had 3 main goals (Computer-Based-Teaching, Coding, and Culture) The outcomes, impacts, and impressions shared by teachers, as well as the dissemination projects, have been very positive.
- **2024 JPN (Jeong Injae, Kaoru Matsuzaka):** Through the onsite workshop in Tokyo, the Korean and Japanese teachers created an exchange plan by the team and actually implemented an international exchange project in their schools.

■ ***“Professional Learning Community: APLC & Fostering Social Entrepreneurship to Build a Sustainable Society: ASSET”***

** APLC is a field research initiative focused on international education cooperation activities among ALCoB members. Its goal is to strengthen educators’ field-based research competence and promote the internationalization of education.*

** ASSET is a project-based program for university students, designed to nurture inclusive, sustainable talent and next-generation leaders in the APEC region.*

1. 2024 APLC (ALCoB Professional Learning Community)

2. 2024 ASSET (APEC Sustainable Social Entrepreneurship Training)



- **APLC (Gong Hoojae):** Published a manual for international school exchanges aimed at providing straightforward guidelines for beginners and contributing to sustainable international exchange.
- **ASSET (Park Yewon, Kandias Kusnadi, Hwang Chi-sheng):** 20 university students from 6 APEC member economies participated in the program from May to September, effectively enhancing their core competencies and 21st-century entrepreneurship skills. The winning team (Team B) developed their own business plan called ‘SEEDU,’ an SDG-focused education solution provider.

■ “The Evolution of Leaders for Developing Global Talent in the Digital Age: ASLP”

* ASLP (APEC School Leadership Program) is a capacity-building project designed to empower school leaders with the skills and knowledge to drive innovation and foster education cooperation in the APEC region.

1. 2023 ASLP (APEC School Leadership Program)
2. 2024 ASLP (APEC School Leadership Program) – 1
3. 2024 ASLP (APEC School Leadership Program) – 2



- 2023 ASLP (Dessy Pratiwi): Shared experience of the training workshop, impressions, its impacts, and follow-up dissemination activities implemented in Indonesia since 2023.
- 2024 ASLP (Han Youngkoo): Presented the training contents and overview of the APEC School Leadership Program 2024 and a future plan for school innovation.
- 2024 ASLP (Chantana Pasganon): Shared insights from the ASLP 2024, along with reflections on the training program and post-training activities for dissemination in Thailand.

■ “Talk Concert: ALCoB; Preparing for the International Stage of Tomorrow (APEC 2025)”

- **(Moderator) Mr. Im Hyunbin**, Teacher, Seoul Technical High School, Korea
- **(Panelists) Ms. Kang Minhee**, English Teacher, Shanghai Korean School, Korea / **Ms. Imelda D. Espiritu**, Master Teacher II, Benguet National High School, the Philippines / **Ms. Chang Hui-En**, Student in Dentistry, Chung Shan Medical University / **Ms. Dessy Pratiwi**, Principal, Dharma Loka Senior High School, Indonesia





- As ALCoB members, each panelist shared respective experiences and ideas to improve APEC Education Cooperation Projects (ACE, APEX, ASLP, ASSET) in the future.
- **ALCoB Cooperative Exchange program (ACE):** Group projects or regular cross-economy brainstorming sessions are suggested to strengthen partnerships and spark more creative ideas. Additionally, providing professional development workshops tailored to teachers' specific needs and improving the online platform would be helpful.
- **ALCoB Program for Educators' eXchange (APEX):** brings together educators from diverse economies to share best practices, innovative teaching strategies, and cultural insights and reach the professional development of teachers. Learning from others is vital for shaping a resilient and sustainable future.
- **APEC School Leadership Program (ASLP):** encourages participants to promote international educational cooperation and fosters a transformative mindset.
- **APEC Sustainable Social Entrepreneurship Training (ASSET):** provides a great opportunity to learn about and implement social enterprises. It also offers networking opportunities for students and serves as a unique experience for their future careers.

Outcomes and Achievements

1. Expansion of Participating Member Economies

In addition to the key member economies that actively engage in the AFEC every year (Indonesia; Malaysia; the Philippines; Chinese Taipei; and Thailand), representatives from the APEC Coordinator (China), Australia; and Japan also attended. They expressed support for the initiative and discussed future cooperation plans.

※ (SC meeting) 13 participants from 6 economies in 2023 → 26 participants from 9 economies in 2024.

2. Sharing the Agenda for 2025 APEC Korea

The Vice Minister of Education introduced the key agenda and goals of the APEC Education Ministerial Meeting (AEMM) in 2025, encouraging active participation and support from member economies.

※ Representatives from Australia; Chinese Taipei; and the APEC Coordinator expressed their support for APEC's themes and goals and shared their expectations.

3. Expanding International Cooperation

Following the successful co-hosting with Thailand (the first in six years since the co-hosting with the Philippines in 2018), discussions were held on co-hosting with Chinese Taipei in 2026, aiming to strengthen cooperation among member economies.

4. Enhancing Face-to-Face Networking

With the first fully in-person event since the pandemic, the program maximized networking and cooperation opportunities by hosting a variety of panel discussions and presentations by policymakers, international organizations, and educators.

5. Discussing ALCoB's Future Direction

After showcasing best practices from the two-year (2023-2024) initiatives, an ALCoB Talk Concert was held to discuss the future direction of ALCoB activities and explore sustainable cooperation strategies.

ANNEX I – Agenda

• The 20th APEC Future Education Steering Committee (SC)

Time	Min	Contents		Note
15:00-15:30	30	Registration		
15:30-15:50	20	Opening Ceremony		
15:30-15:45	15	Opening and Introduction of Attendees		Prof. Dong-sun Park, Chairman, IACE
15:45-15:50	5	Welcoming Remarks		Dr. Young-gon Kim, Deputy Minister, MoE ROK
15:50-16:50	60	2024 APEC Education Cooperation Projects Activity Results Presentation		
15:50-16:00	10	(1)	Korea Presentation	Ms. Soyeon Lee, Senior Program Specialist, IACE, ROK
16:00-16:10	10	(2)	Thailand Presentation	Dr. Luksmon Smansin, Director, MHESI, THA
16:10-16:20	10	(3)	Malaysia Presentation	Ms. Aniza Kamarulzaman, Director, Educational Resources & Technology Division, MAS
16:20-16:30	10	(4)	Chinese Taipei Presentation	Mr. Alan Yen, Executive Secretary, AIIED, CT
16:30-16:40	10	(5)	The Philippines Presentation	Dr. Stella P. Leon-Cariño, Regional Director, DepED, PHL
16:40-16:50	10	(6)	Indonesia Presentation	Ms. Badriyatu Sholihah, Policy Analyst, MoECRT, INA
16:50-17:50	60	Discussion on Future Cooperation Plans for the 2025 APEC Education Cooperation Projects		
16:50-17:00	10	(1)	Introduction of the APEC Korea 2025 and AEMM Direction and Agenda	Dr. Young-gon Kim, Deputy Minister, MoE ROK
17:00-17:20	20	(2)	Opinions and Declarations of Support from Representatives of Member Economies	Mr. Yasutaka Komatsuzaki, JPN Mr. Yuchi Zhao, EDNET Coordinator, APEC Ms. Janine Pitt, Counsellor, Education and Research, Australian Embassy
17:20-17:50	30	(3)	Discussion on Plans for Future Cooperation and Activities	Survey of Economies Interested in Hosting the AFEC 2026
17:50-18:00	10	Closing Ceremony and Group Photo		
18:00-20:00	120	Dinner and Networking		

• **The 19th APEC Future Education Forum (AFEF)**

Time	Min	Contents		Note
10:00-10:30	30	Registration		
10:30-11:00	30	Opening Ceremony		
10:30-10:35	5	(1)	AFEF Video, VIP Introduction	Emcee: THA
10:35-10:40	5	(2)	Opening Remarks	MoE (ROK)
10:40-10:45	5	(3)	Welcoming Remarks	MHESI (THA)
10:45-10:50	5	(4)	Congratulatory Remarks	Ambassador of the ROK in THA
10:50-11:00	10	(5)	Group Photo	-
11:00-11:20	20	Keynote Speech		
11:00-11:20	20	(1)	Keynote Speech	NXPO (THA)
11:20-11:30	10	Coffee break		
11:30-12:35	65	Session1. Inclusive Education Policies to Bridge the Digital Divide		
11:30-11:45	15	(1)	Indonesian Education Policy	Policy Maker (INA)
11:45-12:00	15	(2)	Australian Education Policy	Policy Maker (AUS)
12:00-12:15	15	(3)	Korean Education Policy	Policy Maker (ROK)
12:15-12:30	15	(4)	Thai Education Policy	Policy Maker (THA)
12:30-12:35	5	(5)	Japanese Education Policy	Policy Maker (JPN)
12:35-14:00	85	Lunch (VIP Lunch/Buffer)		
14:00-15:00	60	Session2. Sustainable Development through Digital Technology: A New Paradigm for Talent Development		
14:00-14:15	15	(1)	Training Talent for Sustainable Economy -1	UNESCO (PRC)
14:15-14:30	15	(2)	Training Talent for Sustainable Economy -2	Hyundai (ROK)
14:30-14:45	15	(3)	Customized Learning Using AI and Big Data-1	APEC (PRC)
14:45-15:00	15	(4)	Customized Learning Using AI and Big Data-2	NSTDA (THA)
15:00-15:10	10	Coffee Break		
15:10-16:00	50	Session3. Educational Innovation and Collaboration in the Digital Age (Panel Discussion)		
15:10-15:30	20	(1)	Panel Presentation	[Moderator] APEC HRDWG EDNET Coordinator
15:30-16:00	30	(2)	Exploring Cooperation Strategies to Bridge Educational Gaps within the APEC Region	[Panelists] Policy Makers (INA, CT), UNESCO (PRC), SEAMEO INNOTECH (PHL)

• **The 21st International ALCoB Conference (AC)**

Time	Min	Contents		Note
09:30-10:00	30	Registration		
10:00-10:15	15	Introducing ALCoB Projects		IACE, ROK
10:15-11:00	45	Beginning of Collaboration in Educational Field: ACE (ACP) Presentation		
10:15-10:30	15	(1)	2023 ACP & 2024 ACE - Elementary	ALCoB Teachers (ROK; INA)
10:30-10:45	15	(2)	2023 ACP - Secondary	ALCoB Teachers (ROK; PHL)
10:45-11:00	15	(3)	2024 ACE - Elementary	ALCoB Teachers (ROK; MAS)
11:00-11:10	10	Coffee break		
11:10-12:10	60	Beyond Volunteering to Mutual Cooperation: APEX (AIV) Presentation		
11:10-11:20	10	(1)	2023 AIV Malaysia	ALCoB Teacher (MAS)
11:20-11:40	20	(2)	2023-24 AIV/APEX Indonesia	ALCoB Teachers (ROK; INA)
11:40-12:00	20	(3)	2023-24 AIV/APEX The Philippines	ALCoB Teachers (PHL; ROK)
12:00-12:10	10	(4)	2024 APEX Japan	ALCoB Teachers (ROK; JPN)
12:10-14:00	110	Lunch		
14:00-14:30	30	Professional Learning Community: APLC & Fostering social entrepreneurship to build a sustainable society: ASSET Presentation		
14:00-14:10	10	(1)	APLC International Exchange Manual Production Results	ALCoB Teacher (ROK)
14:10-14:30	20	(2)	2024 ASSET Best Team Startup Plan Presentation	ALCoB Univ. Students (ROK; CT; INA)
14:30-15:00	30	The Evolution of Leaders for Developing Global Talent in the Digital Age: ASLP Presentation		
14:30-14:40	10	(1)	2023 ASLP Outstanding Participant Sharing	Principal (INA)
14:40-14:50	10	(2)	2024 ASLP Outstanding Participant Sharing - 1	Principal (THA)
14:50-15:00	10	(3)	2024 ASLP Outstanding Participant Sharing - 2	Principal (ROK)
15:00-15:10	10	Coffee Break		
15:10-15:50	40	Talk Concert: ALCoB; Preparing for the International Stage of Tomorrow (APEC 2025)		
15:10-15:30	20	(1)	Panel Discussion	Moderator (ROK) Panelists (ROK; INA; PHL; CT)
15:30-15:50	20	(2)	Open Discussion	All participants
15:50-16:20	30	Closing Ceremony		
15:50-16:00	10	(1)	Award Ceremony	Speakers
16:00-16:05	5	(2)	Closing Remarks	IACE (ROK)
16:05-16:10	5	(3)	Congratulatory Remarks	MHESI (THA)
16:10-16:20	10	(4)	Group Photo	-

ANNEX II – Key Visual and Logo

