



2021 KNUE-UNITWIN Online International Conference

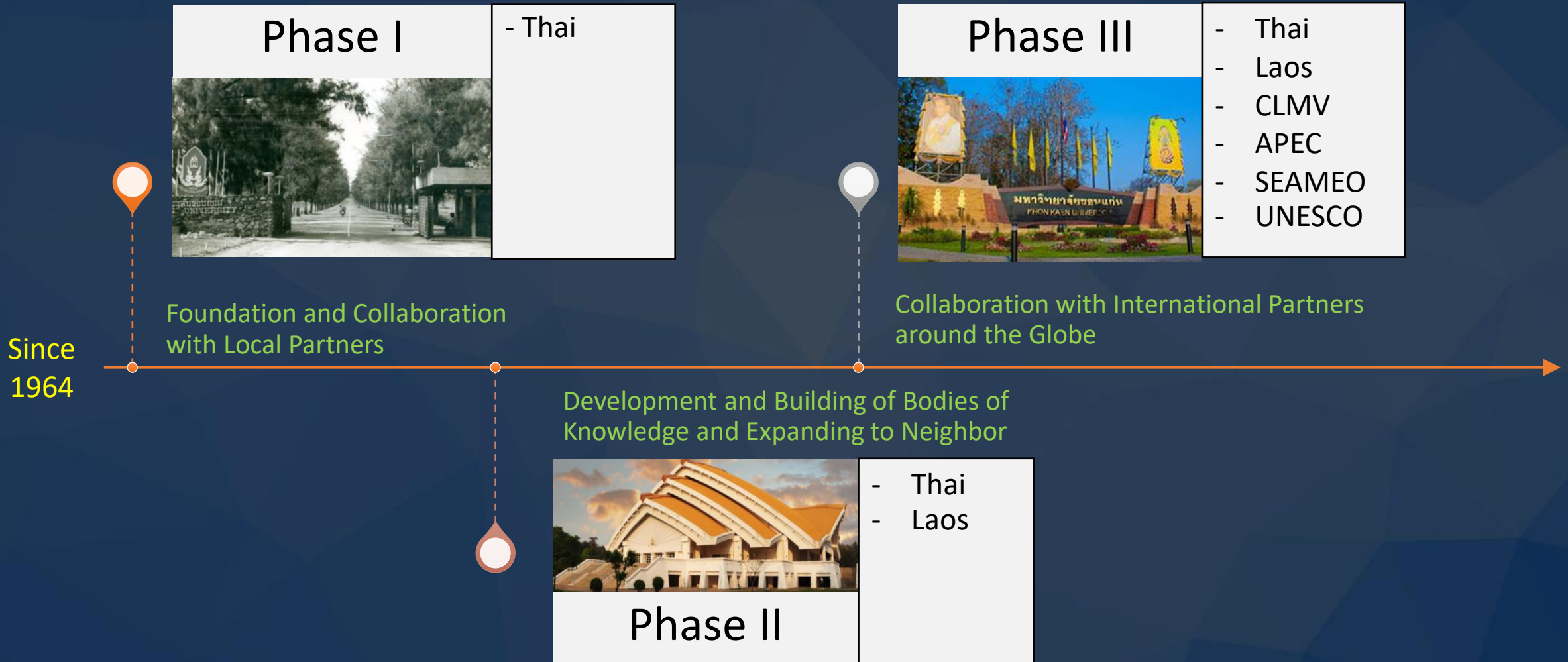
“Capacity Building for Teacher Training: Experience Sharing from KKU-Thailand”

Assoc. Prof. Dr. Maitree Inprasitha, Vice President for Education and Academic Services

Asst. Prof. Dr. Acharawan Topark-Ngarm, Assistant to the President for International Affairs

Khon Kaen University, Khon Kaen, Thailand

“Khon Kaen University (KKU) Background Information”





Phase I

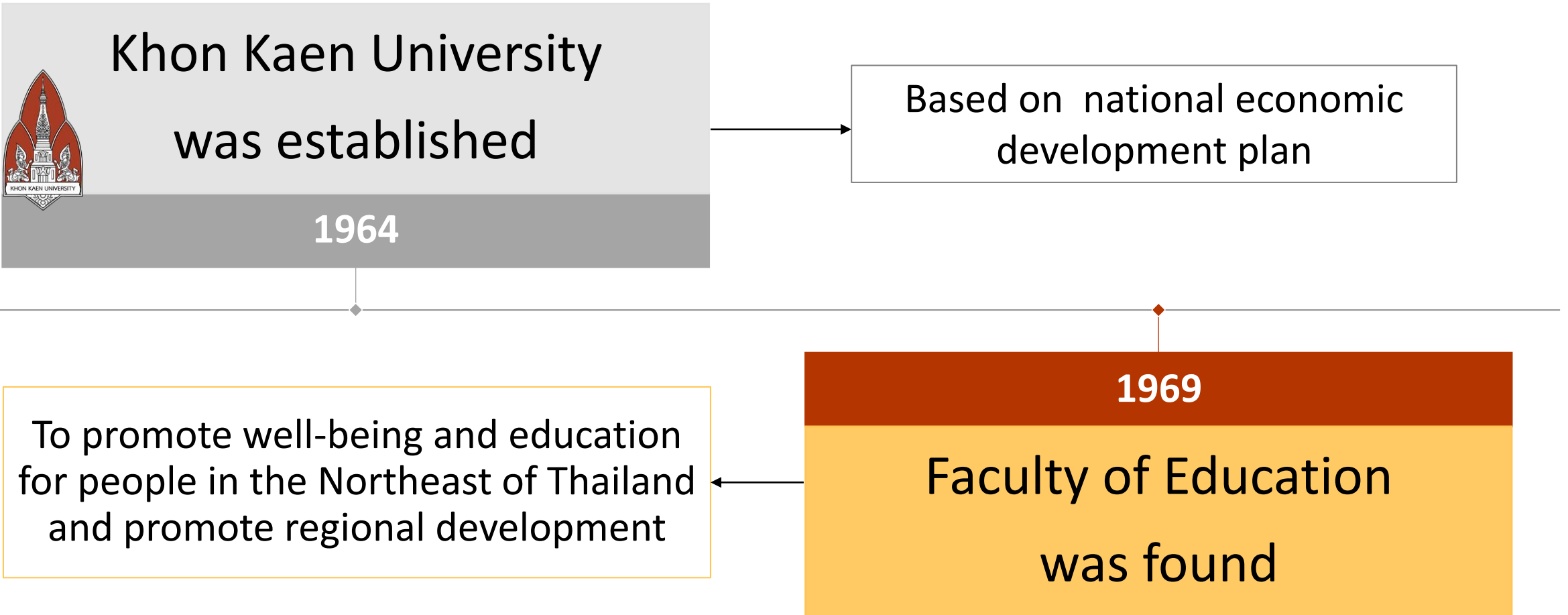
“Foundation and Collaboration with Local Partners”



Phase I

“Foundation and Collaboration with Local Partners”

Khon Kaen University Philosophy





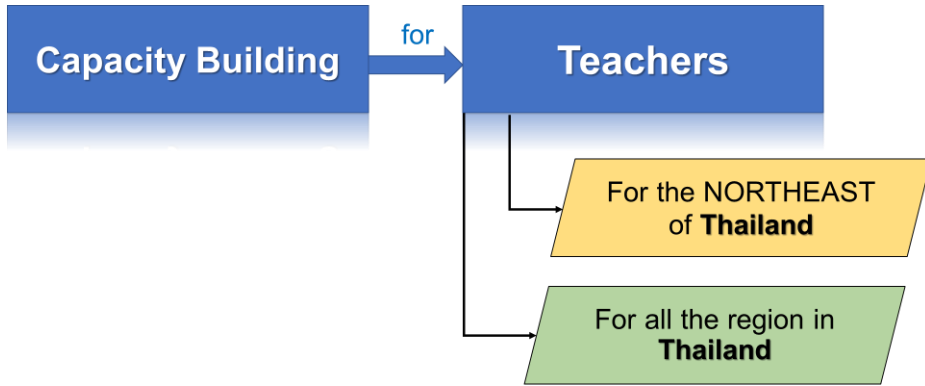
Phase II

“Development and Building of Bodies of Knowledge and Expanding to Neighbor”



Phase II

“Development and Building of Bodies of Knowledge and Expanding to Neighbor”



Laos

In 2003-2004, Faculty of Education, KKU by collaboration with Faculty of Science, KKU had launched the Hoshino Project for training the mathematics teachers in Laos PDR at Vientiane.





**KKU –1st of Thailand
and 78th of the world for THE 2021
Quality Education**



Phase III

“Collaboration with International Partners around the Globe”



Phase III

“Collaboration with International Partners around the Globe”

**Capacity Building
for Teacher
Training**

→ **CLMV**

→ **APEC**

→ **SEAMEO**

→ **UNESCO**

ICME 12 (11 July 2012), get started with first preparing meeting



CANP3

14-25 October 2013, Phnom Penh, Cambodia

The Local Organising Committee was headed by
Dr. Chan Roath (Cambodia)



34 participants (15 female and 19 male) plus **5 facilitators** from the region and **4** from overseas.



Thailand (8)



Laos (6)



Vietnam (4)



Cambodia (16)

CANP3
 14-25 October
 2013
 Phnom Penh,
 Cambodia

The meeting on Cooperation between NCTD and IRDTP to develop Teacher Professional Development in **CLMV countries**.

2 July 2016 at Faculty of Education,
National University of Laos, Laos



Workshop “Teaching for Higher-Order Thinking in Mathematics for Lao Teachers -Lesson Study and Open Approach-”

27-29 August 2016

Pakse Teacher Training College, Lao PDR





Workshop “Teaching for Higher-Order Thinking in Mathematics for Cambodian Teachers -Lesson Study and Open Approach-”

13-14 June 2016

National Institute of Education, Phnom Penh, Cambodia



Phase III

**“Collaboration with International Partners
around the Globe”**

APEC-HRDWG

“16 years” of APEC Lesson Study

APEC Project: Becoming Series of Projects

First Series: In 2006 – 2008, the project focused on *‘Innovative teaching mathematics through lesson study’*. This series were funded by APEC fund.

Second Series: In 2009 – 2011, it was self-fund project that focused on *‘Mathematics textbook, e-textbooks and education tools’*.

Third Series: In 2012 – 2014, it was APEC funded project that focused on *‘Emergency Preparedness Education’*.

Fourth Series: In 2015 – 2017, it was APEC funded project that focused on *‘Cross-border Education and STEM Education’*.

Looking Back: In 2017-2018: Bridge 12 years of APEC Lesson Study to *InMside High Quality Curriculum for Digital Economies*

Fifth Series: In 2019-2021: it was APEC funded project that focused on *Thinking Skills for the 4th Industrial Revolution in Digital Era*

2019; 'Inclusive Mathematics for Sustainability in a Digital Economy (InMside I)

2020; Informatics and Data Science Education Reform for Digital, Inclusive and Sustainable Society (InMside II), **Foundation for AI**

APEC forum: Human Resource Development Working Group

Proposing APEC economy: Japan, Malaysia and Thailand

Co-sponsoring economies: Australia; Chile; China;

Indonesia; Republic of Korea; Papua New Guinea;

Russia; New Zealand; Chinese Taipei; Singapore; USA

2021; APEC-Tsukuba International Conference XV

Challenges to New Normal on Informatics and Statistics Education on Digital Era Computational and Statistical Thinking for AI and Big Data

APEC LESSON STUDY Project: 2006-2020



2006



2008



2010

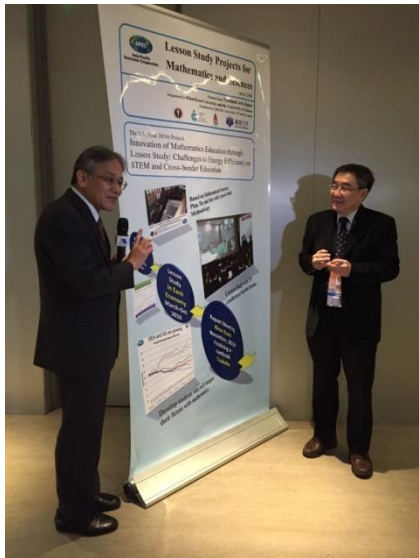
5th APEC Education Ministerial Meeting (AEMM)
21-23 May 2012, Gyeongju, Korea



37th APEC-HRDWG
14 – 17 May 2015, Philippines



The 6th APEC Education Ministerial Meeting (AEMM)
4-6 October 2016, Lima, Peru



The Ministers applaud the growth of university-sponsored projects that bring together consortia of universities such as **Mathematics and Science Lesson Study** led by **Khon Kaen (Thailand)** and **Tsukuba (Japan)** universities.



AEMM 2012, Korea

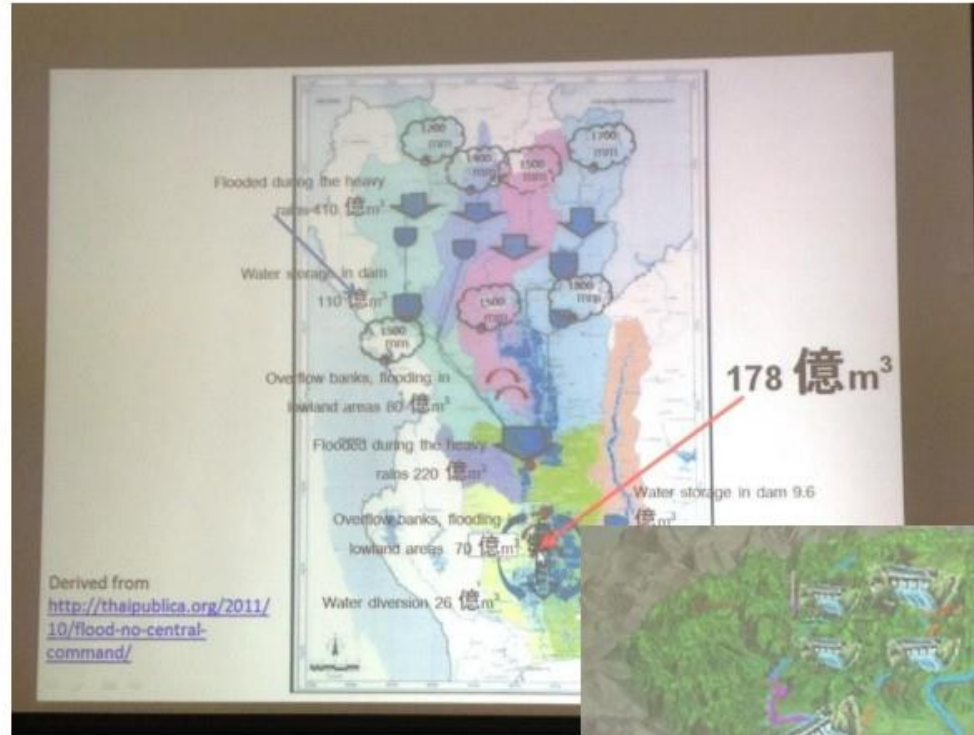


5th APEC Education Ministerial Meeting Joint Statement
Envisioning Together for the Future and Hope
21-23 May 2012
Gyeongju, Republic of Korea

16. We acknowledge that the extent to which the member economies cooperate is vital for strengthening the capacity and future viability of education efforts within the APEC region. The Ministers applaud the growth of university-sponsored projects that bring together consortia of universities such as Mathematics and Science Lesson Study led by Khon Kaen (Thailand) and Tsukuba (Japan) universities, Foreign Language Lesson Study led by Ming Chuan University (Chinese Taipei), ALCoB co-supported by Pusan National University (Korea), teacher preparation in mathematics and science secondary education quality projects led by National Institute of Education (Singapore), Columbia University (United States), and the University of Waikato (New Zealand), and higher education quality projects led by Monash University (Australia), East China Normal University (China), the University of Hawaii (United States), and Far Eastern Federal University (Russian Federation). The Ministers agree that the direction of future educational cooperation efforts should include both information exchange and other practical forms of cooperation which aligns with the HRD-PPP (Moscow Initiative).

APEC LESSON STUDY Project: 2006-2020

2014



APEC LESSON STUDY Project: 2006-2020

2015



Prof. Maitree Inprasitha,
Dean, Faculty of
Education, KKU
APEC-Lesson Study
Project Co-overseer

Prof. Kittichai Triratanasirichai,
President, KKU

Prof. Masami Isoda,
APEC-Lesson Study Project
Co-overseer

Dr. Gatot Hari Priowirjanto,
Director,
SEAMEO Secretariat

Prof. Christine Kim-Eng Lee,
President,
World Association of Lesson Studies

WALS – APEC Khon Kaen 2015
23-27 November 2015
Faculty of Education, Khon Kaen University

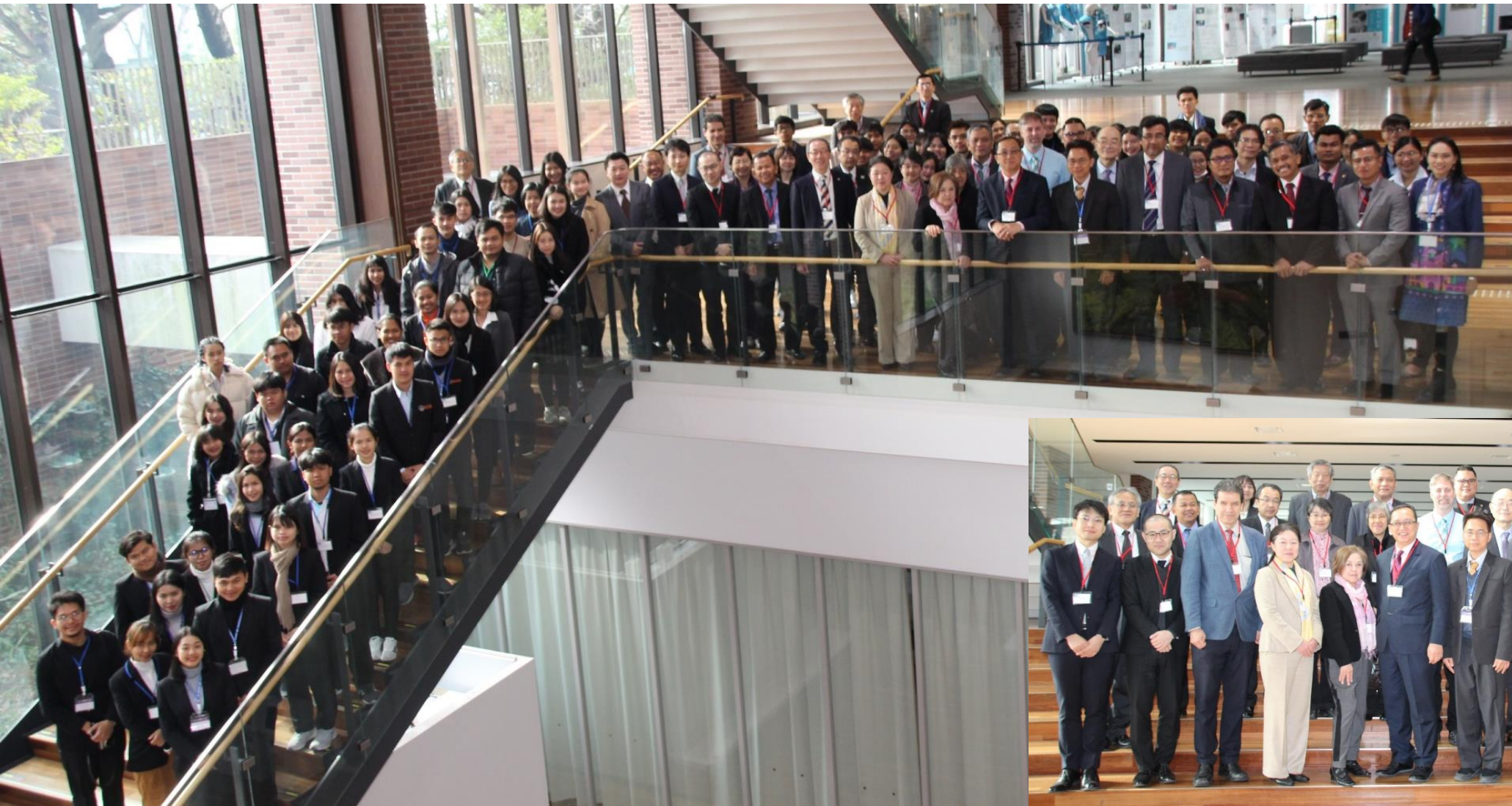


APEC LESSON STUDY Project: 2006-2020

2018



APEC LESSON STUDY Project: 2006-2020



2019



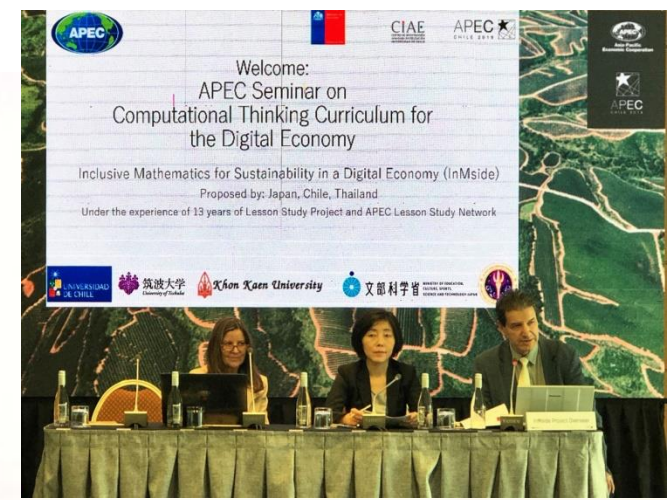
The 14th APEC-Khon Kaen International Conference 2019
“APEC MEETING IN DIGITAL ERA: AI FOR EDUCATION”
18-20 November 2019 at Khon Kaen University, Thailand



APEC LESSON STUDY Project: 2006-2020

APEC Seminar on Computational Thinking Curriculum for the Digital Economy,

May 2-4, 2019, Vina Del Mar, Chile



APEC-Tsukuba International Conference XIV

Steering meeting of the Informatics and Data Science Education Reform for Digital, Inclusive and Sustainable Society (InMside II), **Foundation for AI**
2020.02.11-13, University of Tsukuba, Tokyo Campus, Tokyo Japan



2021 APEC-Tsukuba International Conference XV 10 February 2021


Via Cisco Webex

APEC 筑波大学 University of Tsukuba 文部科学省 WEIT KEMENTERIAN PENDIDIKAN MALAYSIA 30 อนุชน อนุชา

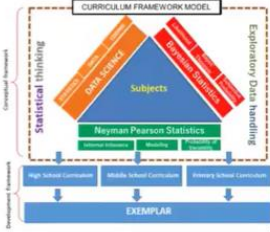
APEC-Tsukuba International Conference XV

Statistical Thinking Framework

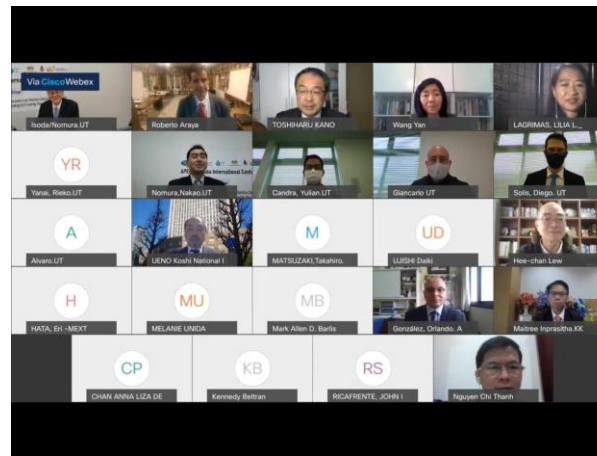
Please see pp41~57



Orlando Rafael (ABEC, Thailand)
Masami Isoda (UT, Japan: Presenter)
Roberto Araya (U. of Chile)



Wang Yan Isoda/Nomura.UT Benton Caroline Roberto Araya +19



Phase III

“Collaboration with International Partners around the Globe”



SEA

Teachers



Pre-Service Student Teacher Exchange in Southeast Asia

Phase III

“Collaboration with International Partners around the Globe”



Since 2015

The SEA Teacher Project or the “Pre-Service Student Teacher Exchange in Southeast Asia” is a project that aims to provide opportunity for pre-service student teachers from universities in Southeast Asia to have teaching experiences (practicum) in schools in other countries in Southeast Asia.

Year	Batch	Number of Inbound	Countries	Number of outbound	Countries
2017	Batch 3 (15 Jan – 13 Feb 2017)	2	Indonesia, Philippines	3	Indonesia, Philippines
	Batch 4 (7 Aug – 5 Sep 2017)	5	Indonesia, Philippines	5	Indonesia, Philippines
2018	Batch 5 (22 Jan – 17 Feb 2018)	8	Indonesia, Philippines	8	Indonesia, Philippines
2019	Batch 7 (7 Jan – 15 Feb 2019)	4	Indonesia, Philippines	5	Indonesia, Philippines
2020	Pilot Project (6 Feb– 6 Mar 2020)	6	Indonesia, Philippines, Japan	6	Indonesia, Philippines, Japan

Phase III

“Collaboration with International Partners around the Globe”

SEA Teachers Pilot Project



Thailand

Khon Kaen University (KKU)



Japan

University of Tsukuba (UT)



Indonesia

Universitas Pendidikan Indonesia (UPI)



Philippine

Central Luzon State University (CLSU)



Phase III

“Collaboration with International Partners around the Globe”

Inbound Students



Phase III

“Collaboration with International Partners around the Globe”



Inbound Students





Inbound Students



Phase III

“Collaboration with International Partners around the Globe”

Outbound Students

Central Luzon State University (CLSU), **Philippine**



Phase III

“Collaboration with International Partners around the Globe”



Outbound Students

Universitas Pendidikan Indonesia (UPI), Indonesia

Phase III

“Collaboration with International Partners around the Globe”

Outbound Students

University of Tsukuba (UT), **Japan**



Phase III

“Collaboration with International Partners around the Globe”

UNESCO's UNITWIN

Cooperation Program
for Quality Teacher Education
Contributing for SDGs



KNUE-UNITWIN visited Khon Kaen University September 25th – 27th 2019



KNUE-UNITWIN visited Khon Kaen University September 25th – 27th 2019

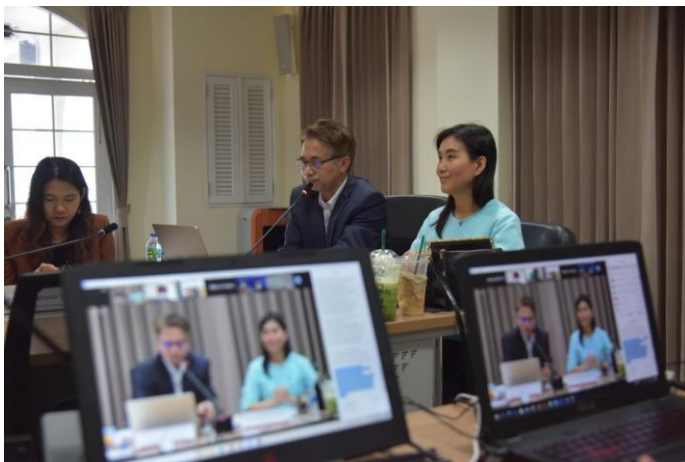




The 2020 KNUE- UNESCO UNITWIN International Seminar

16–18 December 2020

KNUE, KOREA via online

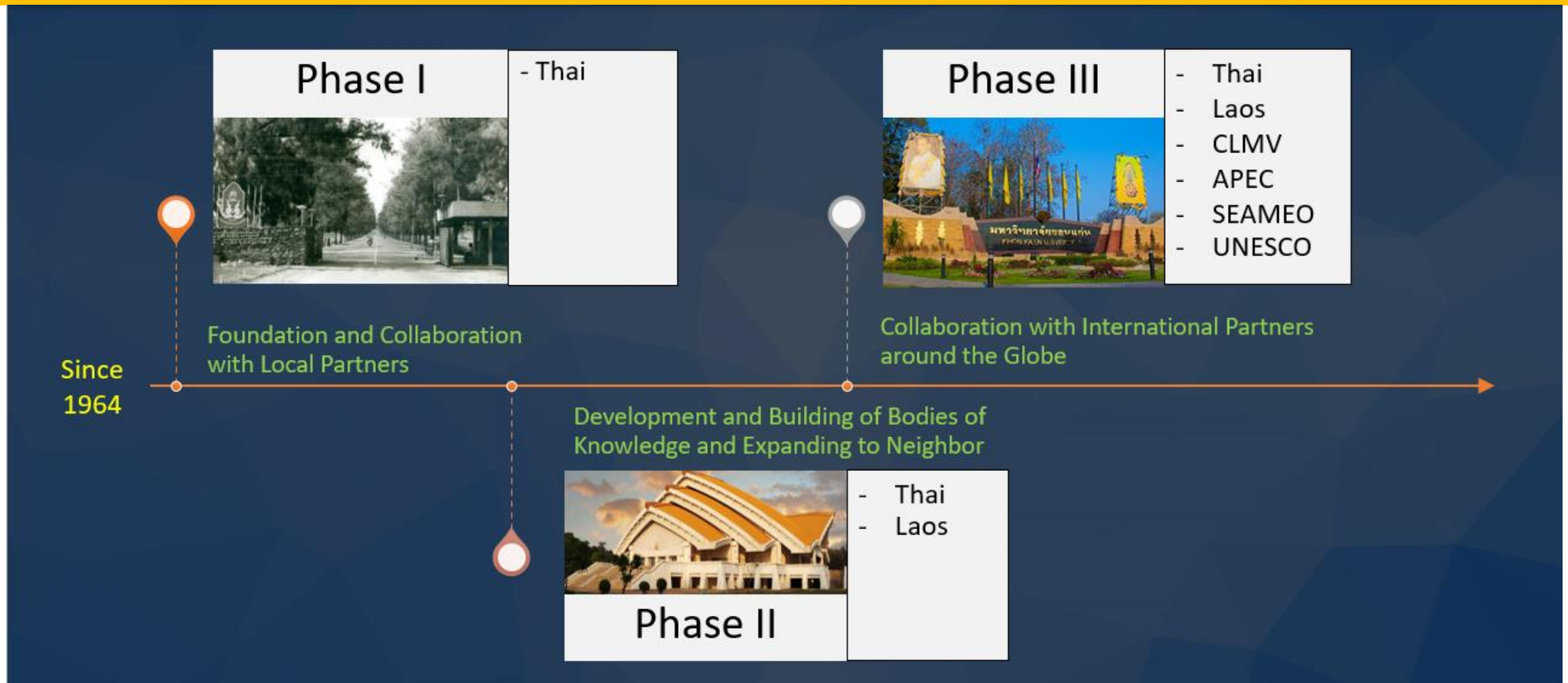




So, you might wonder that we are presenting as a team



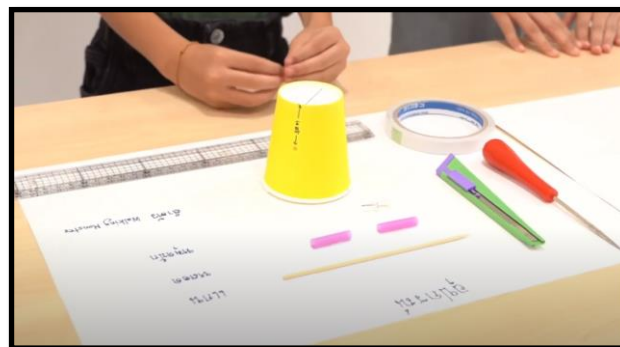
An Impact of KKU Capacity building for Teacher Training for 3 Decades



Non-Degree Project 21 June 2021

Walking Monster EP.1

<https://www.youtube.com/watch?v=EdyPe0uSFM8>





Thank You