Summary Report

The 2nd High Officials Meeting on SEA-TVET (Southeast Asia Technical and Vocational Education and Training) under the theme of “Strengthening Efforts towards Harmonisation and Internationalisation of TVET in Southeast Asia” was organised on 12-14 May 2016 at the Hotel Grand Nikko, in Bali, Indonesia.

The meeting was hosted by the Ministry of Education and Culture of the Republic of Indonesia and co-organised by the Southeast Asian Ministers of Education Organization (SEAMEO), and the German Cooperation.

Following on from the 1st High Official Meeting on SEA-TVET held in August 2015 in Chiang Mai, Thailand, the 2nd HOM on SEA-TVET aimed to 1) Review and evaluate the implementation of the SEA-TVET Programme in 2015-2016; 2) Further determine other regional policy directions to promote harmonisation and internationalisation of TVET institutions in the Southeast Asian region that will prepare TVET institutions and learners to actively participate in ASEAN Integration; and 3) Identify other regional strategies to improve the quality of TVET in the region – especially to improve the active participation of those in the industrial sector, as well as related development agencies, through public-private partnerships.

The meeting on 12-13 May 2016 was participated by approximately 170 participants comprising of secretary-generals, director-generals, policy makers on TVET, and directors of TVET institutions from Southeast Asian countries, namely Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand, Timor Leste and Vietnam (Appendix I). The meeting also involved TVET partners from China, Germany and Japan. In addition, National Seminar for Indonesian TVET Leaders was organised on 14 May with approximately 150 Indonesian TVET directors and lecturers.

During 12-13 May, ten sessions were held which focused on the sharing of regional initiatives and best practices for improving TVET harmonisation and internationalisation, management practices, and industrial partnerships. The regional initiatives on TVET, namely SEA-TVET Scholarship Programme, SEAMEO Polytechnic Network, GIZ/RECOTVET Regional Cooperation in TVET, SEAMEO-DAAD Lecture Series were presented on 12 May by SEAMEO and partners for endorsement and discussion further for the implementation during the meeting.
Besides the formal meetings, study visit programmes were organised to TVET educational institutions including SMKN 1 Denpasar (Technology), SMKN 3 Denpasar (Hospitality), and SMKN 1, 2 and 3 Sukawati (Arts and Cultural Performances) on 14 May.

**Agreements from the TVET High Officials’ Round Table Meeting:**

The TVET High Officials’ Round Table Meeting was one of the most important sessions held on 12 May. This was convened to assess progress of TVET harmonisation and Internationalisation in the region and to identify more effective interventions and policy directions of TVET development and collaboration among Southeast Asian countries. Agreements/recommendations from the High Officials’ Round Table Meeting include the following:

1. **ASEAN Qualification Reference Framework (AQRF) and National Qualifications Framework (NQF):** Regional and national levels of Qualification Reference Frameworks and Quality Assurance Frameworks are very important components in strengthening the harmonisation and internationalisation of TVET in Southeast Asian countries. Consequently, it is important for TVET to consider the following policy recommendations/intervention activities:
1.1 Set-up a regional body/committee that will focus on referencing AQRF to NQF and establish suitable models for TVET Quality Assurance, including a timetable.

1.2 Complete research into harmonising the credit transfer system which includes learning times; and credit hours.

1.3 Development of a SEAMEO working paper into the creation of an organizing body that will look into the use of Regional QRF and the Quality Assurance Framework in a manner similar to the ASEAN Quality Assurance Network (AQAN); the identification of personnel-in-charge (PIC) per country that will study issues on NQF/AQRF; and the development of research focused on at least two of the four priority study/industry areas as an initial study in harmonising NQF-related issues.

2. **Staff-Student Exchanges under the SEA-TVET Consortium:** A school-to-school student/staff exchange (bilateral) programme, with additional industrial attachments, is recommended for implementation as this is more applicable and feasible than the multi-partners approach. The setting-up of a standard or minimum requirement for participating institutions is necessary to assure that institutions meet certain requirements such as prescribed in the NQF. Membership of the SEA-TVET Consortium network should also be expanded to interested partners in the industrial sector.

3. **Priority Study Areas:** The meeting agreed continued compliance to four priority study areas or industry sectors as agreed by the 1st HOM on SEA-TVET held in Chiang Mai, Thailand in August 2015. These are:
   
   3.1 Hospitality and Tourism;  
   3.2 Agriculture and Fisheries;  
   3.3 Electronics, Mechatronics, and Manufacturing;  
   3.4 Construction.

4. **Sharing of Resources:** To promote the sharing of resources and practices among Southeast Asian countries and TVET institutions, the TVET websites of educational ministries and SEAMEO should also be linked. It was also recommended that a regional award to promote the best practice of resource sharing among TVET institutions be developed.

5. **TVET Occupational Mapping:** Regarding the implementation of TVET occupational mapping, it was suggested that research activities should be scaled up to cover more related areas of TVET and involve more ministries related to TVET education. It is recommended that specific instruments are developed by experts so that these can be utilised by SEAMEO member countries within identified industrial and geographical areas. Additionally, a mechanism to keep member countries informed and updated should be developed.

6. **Other Components to Improve TVET:** In relation to other components to improve quality for TVET as stated in the Chiang Mai Statement, such as Green TVET; ‘Technopreneurs'; Innovative Practices in TVET; Teacher Education and Training; and TVET for ALL – the meeting agreed to align the plan and implementation of the SEA-TVET policy directions with the Kuala Lumpur Declaration on TVET and Higher Education in 2015. It was recommended that the concept of “Sustainable Development in TVET” should be included.

   The meeting also suggested a revision of the terminologies of “Green TVET” to “Green Schools” and “TVET for ALL” to “Quality TVET for ALL”.

   It was recommended that a regional competition on innovative practices of TVET should be conducted. The existing competency/skill competition at the national level should be expanded by inviting other Southeast Asian countries to participate.

7. **Mobilisation of Stakeholders:** Stakeholders' involvement should take on a greater role of emphasising and expanding to communities, parents, private companies, multinational manufacturers, and professional associations.
8. **Other Regional TVET Initiatives**: The High Officials’ Round Table Meeting also supported the new SEAMEO Regional Initiatives for TVET, namely SEA-TVET Scholarship Programme, SEAMEO Polytechnic Network, SEA-TVET Future Teacher, and SEA-TVET Knowledge Platform.

In relation to the **SEA-TVET Scholarship Programme**, the meeting supported the concept, and agreed that the scholarships be offered according to the 4 priority study areas as confirmed in number 3. The member countries such as Brunei Darussalam, Indonesia, Lao PDR, Myanmar, Malaysia and Thailand expressed interest to participate in the SEA-TVET Scholarship programme. However, the member countries had different commitment on the number and form of scholarships. Other suggestions for implementation were such as mutual agreement between the countries, and scholarships to be offered by private institutions.

9. **The Next High Officials Meeting on SEA-TVET**: The 3rd HOM on SEA TVET will be hosted by the Ministry of Education of Malaysia in 2017.

Agreements from the High Officials’ Round Table Meeting were declared at the plenary by Dr Gatot Hari Priowirjanto, Director of the SEAMEO Secretariat, and Mrs Veronica Enda Wulandari, Head of the International Cooperation Division, Ministry of Education and Culture, Indonesia on 13 May.

**Results from the Group Discussions:**

On 13 May, three group discussions were held involving high officials, policy makers, and TVET institutions. Delegates discussed the following three key TVET management areas: 1) Partnership and Mobility; 2) Harmonisation and Certification Standard; and 3) Curricula in the 21st Century. These discussions were highly productive and conducted to develop strategies to enhance the quality of TVET institutions and personnel.

**Group 1: Partnership and Mobility**

Moderated by the SEAMEO Secretariat, the group came up with a list of issues in relation to establishing partnerships for staff and student exchange programmes. These issues are: (1) Sharing responsibility (accommodation); (2) Lack of information on requirements from the industrial sector; (3) Different regulations in each country about on-the-job training such as the period of training required, visa regulations, and company support; (4) Different level of education for exchange, and (5) The variety of courses in each country that may not meet the needs of the partner institution.

To address the above issues, the group suggested the following strategies:

1. Building trust among partnering institutions, through meetings, visits, and MUTUAL AGREEMENT between institutions/colleges.

2. Securing financial support from government and families.
3. Conducting curriculum mapping among participating TVET schools/institutions.

4. Signing an agreement with overseas partner institutions for the job training component as this is one of the requirements for securing a visa. The MOE should work closely with the MFA to ease procurement of the on-the-job-training visa.

5. There are anticipated problems of exchange students between institutions that offer different levels of certificates or diplomas. A competency-based exchange is needed to deal with this issue.

6. To find the partner institutions with the same level of standards, there is a need to refer to certain accreditation standards in regional level such as accreditation from Asia Pacific Accreditation and Certification Commission (APACC)

As the way forward, the group suggested that interested parties: (1) Continue having meetings both face-to-face and online; (2) Visit the SEA-TVET website; and (3) Start collaboration activities according to institutional capacity.

**Group 2: Harmonisation and Certification Standard.**

Moderated by GIZ, the group identified a list of issues that can impact on strengthening harmonisation and certification standards. These include: (1) Education systems and curricula across Southeast Asian countries vary; (2) Rapid changes in industrial demand as economies develop/diversify; (3) A lack of funding to upgrade curriculum; (4) A lack of soft skills integration; (5) Issues over credit transfers; (6) A lack of training, practical skills, and suitable equipment in some schools; and (6) No official MoU between schools and industrial sector partners.

To address the above issues, the group proposed two strategies: (1) Using bilateral and multi-lateral approaches to harmonise TVET programmes and standardisation; (2) Secure cooperation to implement on-the-job training, teacher-student exchange programmes, providing experts to give training in partner schools, and working on certification recognition.

As the way forward, it was suggested to continue the referencing process of AQRF with the NQFs and linking the Regional and National Quality Assurance Framework.

**Group 3: Curricula in 21st Century**

Moderated by SEAMEO VOCTECH, the group identified the following barriers to integrating 21st century skills in TVET curricula: (1) Economic problems have hit families hard and had a resulting negative impact on parents’ ability to cover fees and their children’s continued participation, which has resulted in dropouts in TVET schools, thereby hindering the development of students’ 21st century skills; (2) The number of relevant industry in the region is limited, consequently limiting the avenues for students to learn 21st century skills; and (3) There is a limited number of teachers who can be role models in implementing 21st skills. In addition, there are also limited resources or references in relation to teaching or inculcating 21st century skills and suitable techniques to monitor or assess 21st century skills.

In response, the group proposed the following strategies: (1) Conduct research related to 21st skills integration in TVET and their impact; (2) Set up a committee that continues capacity building for teachers; (3) Strengthen collaboration between polytechnics and secondary vocational schools to link the curricula and discuss strategies in integrating 21st century skills; (4) Continue the current
initiatives. These include: (4.1) Introducing or providing TVET at early and later stages of education; (4.2) Changing the paradigm from teacher-centred to student-centred; (4.3) Sharing information on where to get resources/learning materials; (4.4) Utilising a platform of internationalisation and harmonisation to share 21st century skills knowledge and experience; (4.5) Personality development for both teachers and students with a strong emphasis on code of conduct; (4.6) Values education to be integrated in lifelong skills to help prepare students for global exposure; (4.7) Promotion and recruitment procedures for teachers and supervisors are important and qualifying teachers tasked to transfer skills; (4.8) Exposure to extra-curricular activities; (4.8) Addressing discipline problems among students and those with a lack of self-confidence through the integration of 21st century skills.

As the way forward, considering the high and various expectations toward TVET graduates and realising the importance of 21st skills for all TVET graduates, the suggestions were such as (1) the curriculum developers should consider curriculum mapping by looking at components of 21st century skills; (2) the TVET policy makers and curriculum developers should work together in addressing these various issues and prioritise and monitor the implementation of the above strategies; (3) both online and face-to-face meetings are important and need to be organised for the successful implementation of the above strategies that in the end will enhance the quality of TVET institutions and the quality of its personnel in the region and beyond.

Other Important Sessions:

- **The formalisation of Memorandum of Understanding (MOU) between SEAMEO and GIZ** was signed on 13 May by Dr Gatot Hari Priowirjanto, Director of SEAMEO Secretariat and Mr Peter Palesch, Country Director of Indonesia, Timor-Leste and ASEAN of GIZ Jakarta Office.

The MOU highlights the cooperation between GIZ and SEAMEO to further enhance the quality of education, technical and vocational education and training (TVET), and higher education in Southeast Asia.
-7-

- The 2nd HOM on SEA-TVET was also the venue for several inception meetings of the following regional initiatives.

1. **Inception Meeting of the SEAMEO-DAAD Lecture Series** was organised by DAAD, in cooperation with SEAMEO Secretariat and SEAMEO SEAMOLEC, on 11 May 2016. The meeting was participated by 15 persons including eight DAAD Alumni from Indonesia, Vietnam, Singapore, Malaysia and Philippines.

   o The lecturers agreed on the Code of Conduct for the pilot phase of the lectures, which is from July 2016 to January 2017.

   o The lectures on various topics will be delivered in English by using the online tools from SEAMEO SEAMOLEC, called WebEx (real time video conference) and FLIP MOOC (Massive Open Online Course) platform.

   o The participants of the lecture series will be students and teachers of Technical and Vocational Colleges, Universities of Technology, and Universities across the 11 Southeast Asian countries.

2. **Inception Meeting of the SEAMEO Polytechnic Network** was organized by the SEAMEO Secretariat on 12 May. The meeting was participated by 21 Polytechnics and TVET institutions from Malaysia, Indonesia, Lao PDR, Thailand, Vietnam, China and Japan.

   o The meeting supported the concept and agreed to prepare the systematic practices to accelerate student and staff mobility and cross-country internship programme for the four (4) priority study areas, namely 1) Hospitality and Tourism, 2) Agriculture and Fisheries, 3) Electronics, Mechatronics and Manufacturing, and 3) Construction.

   o Other recommendations for implementation are such as small group partnership among institutions, mapping curriculum in few subjects, starting with short period (1-2 months) of student exchange focusing on industrial attachment, and acquiring funding from industry.

3. **Group Discussion of SEA-TVET Future Teacher** led by the SEAMEO Secretariat were attended by representatives from Tanjungpura University (Indonesia), State University of Jakarta (Indonesia), Valaya Alongkorn Rajabhat University (Thailand) and Indonesia Teacher Association on 14 May 2016. The following were the agreements:

   o SEAMEO SEA Teacher Project: Universitas Tanjungpura agreed to join the project and will send student teachers in English program to join the 2nd batch of student exchange which will be from 17 July to 15 August 2016; State University of Jakarta agreed to join the project in the 3rd batch starting in January 2017 for the subject areas of Mathematics and Science.

   o TVET Students Teacher Exchange: State University of Jakarta proposed to have an exchange program for TVET pre-service teachers of 1 month. The priority study areas of exchange are IT (as 1st priority) and Mechanic (as 2nd choice)
Linkage between teacher association and pre-service students programme in universities: The guidelines on teaching pedagogy and issues in preparing student teachers for the actual classroom teaching experience will be developed by Indonesian Teacher Association.

Report of the 2nd HOM on SEA-TVET at the Next SEAMEO High Officials Meeting and SEAMEO Council Conference

Agreements made at the High Officials’ Round Table Meeting at the 2nd HOM on SEA TVET should be reported to the SEAMEO High Officials and TVET High Officials after the meeting.

Additionally, results from the 2nd HOM on SEA-TVET and other SEAMEO Regional Initiatives on TVET should be presented and updated to the 39th SEAMEO High Officials Meeting in November 2016 and the 49th SEAMEO Council Conference hosted by the Ministry of Education and Culture, in the Republic of Indonesia in April 2017.

The next 3rd HOM on SEA-TVET will be hosted by the Ministry of Education, Malaysia in 2017.

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17 June 2016
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14 May 2016 | Hotel Grand Nikko, Bali, Indonesia

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Appendix II

2nd High Officials Meeting on SEA-TVET
“Strengthening Efforts towards Harmonisation and Internationalisation of TVET in Southeast Asia”

12-14 May 2016, Hotel Grand Nikko, Bali, Indonesia

Concept Paper and Programme

A. Background:

The year 2016 has marked the beginning of the full implementation of initiatives under ASEAN integration, some of which relate to Technical and Vocational Education and Training (TVET) such as human resource development and capacity building, recognition of professional qualifications and integration of industries across the region to promote regional sourcing. This will eventually increase rapid movement of trade and investment, as well as the mobility of people across the region.

At the regional level, TVET has been identified as one of the seven priority areas on education in Southeast Asia, which were agreed at the Strategic Dialogue of Education Ministers (SDEM) meeting in September 2014.

In response to the ASEAN integration, the perceived mobility of skilled workers in the region, and the need to improve the quality of TVET in Southeast Asia as one of the seven priority areas of SEAMEO, the 1st High Officials Meeting (HOM) on SEA-TVET was hosted by the Office of the Vocational Education Commission, Ministry of Education Thailand on 24-26 August 2015 in Chiang Mai, Thailand. This was held under the theme: “Working Together towards Harmonisation and Internationalisation of TVET in Southeast Asia”.

As a result of the 1st HOM on SEA-TVET, the “Chiang Mai Joint Statement on Harmonisation and Internationalisation of TVET in Southeast Asia”, which included 4 priority industry areas were officially announced as the regional policy directions that emerged from the TVET High Officials Round Table Meeting. Details of the Chiang Mai Joint Statement are in Appendix IV – Chiang Mai Joint Statement.

To further implement the regional policy directions from the 1st HOM on SEA-TVET, SEAMEO in collaboration with Ministries of Education, other related Ministries of the host countries, related development agencies and SEAMEO centres organised several Country-Level Workshops on SEA-TVET Harmonisation and Mobility in 8 countries, namely, Indonesia (10-12 Sept 2015), Cambodia (9-10 Oct. 2015), Thailand (26-28 Nov. 2015), Myanmar (4-5 Dec. 2015), Lao PDR (22-23 Dec 2015), Malaysia (1-3 Mar. 2016), Philippines (3-4 May 2016) and Brunei Darussalam (June 2016).

The workshops at country level have served as a platform for establishing partnerships and networks among the participating TVET institutions in the host countries and with other TVET institutions from Southeast Asian countries. The workshops also aim to develop collaborative action plans and partnership commitments for piloting student and teacher exchanges and other joint activities.

After one year of implementation, it is crucial that the TVET high officials, policy makers and directors of TVET institutions should meet again to review the implementation of SEA-TVET programme during 2015/2016 and further determine other regional strategies.
which will accelerate partnership among TVET institutions and implementation of harmonisation and mobility, as well as provide other regional recommendations to improve the quality of TVET in the Southeast Asian region and prepare TVET institutions and learners to actively participate in the ASEAN integration.

To strengthen the collective efforts for promoting harmonisation and internationalisation of TVET in the Southeast Asian region, the Ministry of Education and Culture, the Republic of Indonesia through the Technical and Vocational Department commits to host the 2nd High Officials Meeting on SEA-TVET on 12-14 May 2016 in Bali, Indonesia. The event is co-organised by the Southeast Asian Ministers of Education Organization (SEAMEO), GIZ/RECOTVET, DAAD and ADB.

B. The 2nd High Officials Meeting on SEA-TVET:

1) Date 12-14 May 2016

2) Venue Hotel Grand Nikko, Jl Raya Nusa Dua Selatan, Bali, Indonesia

3) Hosted by Ministry of Education and Culture, Indonesia

4) Co-organisers
   - Southeast Asian Ministers of Education Organization (SEAMEO Secretariat, SEAMEO SEAMOLEC, SEAMEO VOCTECH)
   - GIZ/RECOTVET
   - German Academic Exchange Service (DAAD), Regional Office Jakarta
   - Asian Development Bank (ADB)

5) Objectives
   - To review and evaluate the implementation of the SEA-TVET Programme in 2015-2016
   - To further determine other regional policy directions to promote harmonisation and internationalisation of TVET institutions in the Southeast Asian region that will prepare TVET institutions and learners to actively participate in the ASEAN Integration.
   - To identify other regional strategies to improve quality of TVET in the region, especially to improve the active participation of industry sectors and related development agencies through public-private partnership.

6) Theme Strengthening efforts towards harmonisation and internationalisation of TVET in Southeast Asia

7) Participants Several major organisations involving in TVET and vocational manpower development in SEA countries will actively participate in the meeting.

The 2nd High Officials Meeting on SEA-TVET is expected to bring together approximately 150 participants for the 1st and 2nd day and 350 participants on the 3rd day. The participants will include as follows:

- SGs/DGs/Directors on TVET of Ministries of Education, Ministries of Labour and Training, Ministries of Science and Technology, Ministries of Higher Education and other related Ministries from Southeast Asian countries
- Directors of TVET institutions from Southeast Asian countries who have actively participated in the Country Level Workshops on SEA-TVET during 2015-2016
• Representatives from partner countries such as Japan, China, Germany, and etc.
• Representatives of related Development Agencies and Industries
• TVET policy makers and directors of TVET institutions in Indonesia

8) Expected Outputs
• Roadmap for 3-5 years and regional policy directions to promote harmonisation and internationalisation of TVET institutions in Southeast Asian countries
• Recommended strategies and plan to improve quality of TVET education in the Southeast Asian region.
• Partnership commitment and agreement among TVET institutions and industries

9) Funding Support
• The Ministry of Education and Culture, Indonesia will support the following programme expenses:
  o Accommodation for 2 representatives from each Southeast Asian country/ministry
  o Accommodation for TVET Directors from Southeast Asian countries (by invitation)
  o Meals and venue arrangement from 12 to 14 May.
  o Local transportation between the airport and the official hotel.
  o Logistic arrangement and local transportation for study visit on 14 May.

• The round trip airfare ticket will ONLY be funded to 2 representatives from Cambodia, Lao PDR, Myanmar and Timor-Leste

C. Sessions in the 2nd HOM:

One of the important sessions of the 2nd HOM is the High Official Round Table Meeting, scheduled on Day 1 which its outputs will be announced on Day 2. It is expected that the outputs from the Round Table Meeting will be discussed further by the TVET High Officials and TVET Institution Directors in the group discussion in Day 2 to determine the implementation plan of 4 key TVET management areas, namely 1) Partnership and Mobility, 2) Harmonisation and Standardisation of Competency, 3) Curricula in 21st Century, and 4) Strategies of ICT Integration in TVET.

The programme of the 2nd HOM on SEA-TVET is also included several presentations and panel discussions on regional initiatives, best practices and sharing of experiences from experts in Southeast Asian countries, TVET development agencies, TVET institutions from other regions and industry partners. Please see details in the attached Tentative Programme.

DAY 1 (12 May 2016): For High Officials and TVET Directors
• Panel presentation on the Regional Initiatives to Improve Quality of TVET Education and Personnel in Southeast Asia.
• Presentations from industrial partners on Partnership with Industry for Improving Quality of TVET and Students’ Capacity.
• High Officials Round Table Meeting
• Concurrent Session: Presentations on Best Practices of Internationalisation and Teacher & Student Exchange
• Concurrent Session: Sharing Management Practices of Institutes of Advanced Technology Training and Services in Southeast Asia and other Regions
• Inception Meeting of SEA-Polytechnic Network (Policy Discussion)
DAY 2 (13 May 2016): For High Officials and TVET Directors

- Announcement of the Policy Recommendations from the High Officials Round Table Meeting
- Presentation and Panel Discussion on Strategies to Improve Quality of TVET Institutions and Personnel based on 4 TVET Key Management Areas.
  - Strategies to Promote and Develop Internationalisation and Harmonisation of TVET at the Institutional Level
  - Harmonisation and Standardisation of Competency
  - Content/curriculum Development to Meet the Needs of Industry
  - Strategies of ICT Integration in TVET
- Group Discussion on Strategies to Improve Quality of TVET Institutions and Personnel:
  - Group 1: Partnership and Mobility
  - Group 2: Harmonisation and Certification Standard
  - Group 3: Curricula in 21st Century
  - Group 4: Strategies of ICT Integration in TVET
- Group Discussion on Strategies to Enhance SEA-TVET Consortium Using the Four-Prong Strategies by SEAMEO VOCTECH
  - Group 1: Partnership and Mobility
  - Group 2: Harmonisation and Certification Standard
  - Group 3: Curricula in 21st Century
  - Group 4: Strategies of ICT Integration in TVET

DAY 3 (14 May 2016)

- **Programme 1 (For International TVET Directors):**
  Study Visit to TVET Institutions for International TVET Leaders
  - SMKN 1 Denpasar (Technology)
  - SMKN 3 Denpasar (Hospitality)
  - SMKN Sukowati (Arts)

- **Programme 2 (For Indonesian TVET Leaders):** National Seminars by Industries
  - Presentation on “Princess Maha Chakri Award”
  - Panel Presentations on “SEA Future Teachers”
  - Presentations from multinational companies according to the priority study areas
    - Hospitality and tourism
    - Manufacturing
    - Telecommunication, Fibre Optic and ICT
    - Agriculture Technology
    - Construction
    - Others
  - Networking Session

D. Focal Persons

<table>
<thead>
<tr>
<th>SEAMEO Secretariat</th>
<th>Ministry of Education and Culture, Indonesia</th>
</tr>
</thead>
</table>
| Ms Piyapa Su-angavatin  
Coordinator  
Email: Piyapa@seameo.org,  
secretariat@seameo.org, tvet@seameo.org  
Tel: +662 391 0144 I Fax: +662 381 2587 | The Secretariat of the 2nd HOM on SEA-TVET  
Mr Dimas Eaditya Trilakson  
Email: programme.psmk@kemdikbud.go.id |
## Programme

### Day 1: Thursday, 12 May 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00-08.30</td>
<td>Registration</td>
</tr>
<tr>
<td>08.30-09.30</td>
<td><strong>Opening Ceremony</strong></td>
</tr>
<tr>
<td></td>
<td>1. Indonesian National Anthem;</td>
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<td>2. Entrance of SEAMEO Colours;</td>
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<td></td>
<td>3. Welcome Dance “Pendet”;</td>
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<tr>
<td></td>
<td>4. Remarks by Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat;</td>
</tr>
<tr>
<td></td>
<td>5. Opening Remarks by Dr Hamid Muhammad, Director-General of Primary and</td>
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<td></td>
<td>Secondary Education, Ministry of Culture, Indonesia. (TBC)</td>
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<tr>
<td></td>
<td>6. Prayer</td>
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<td></td>
<td>7. Group Photo</td>
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<tr>
<td>09.30-10.00</td>
<td><strong>Press Conference/ Coffee Break</strong></td>
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<tr>
<td>10.00-11.15</td>
<td><strong>Session 1: Panel Presentations on Regional Initiatives to Improve</strong></td>
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<tr>
<td></td>
<td>Quality of TVET Education and Personnel in Southeast Asia</td>
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<tr>
<td></td>
<td><strong>Speakers:</strong></td>
</tr>
<tr>
<td></td>
<td>1. <strong>SEAMEO Report: SEA-TVET Programme and Implementation in 2015-2016</strong></td>
</tr>
<tr>
<td></td>
<td>by Mr Hj Md Sharifuddin bin Hj Md Salleh, Centre Director, SEAMEO</td>
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<tr>
<td></td>
<td>VOCTECH;</td>
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<tr>
<td></td>
<td>2. <strong>SEAMEO Initiatives: TVET Scholarships and SEA Polytechnic Network</strong></td>
</tr>
<tr>
<td></td>
<td>by Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat;</td>
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<tr>
<td></td>
<td>3. <strong>GIZ/RECOTVET Initiatives: Regional Cooperation in TVET</strong></td>
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<tr>
<td></td>
<td>by Dr Nils Geissler, Programme Director, GIZ/RECOTVET;</td>
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<td></td>
<td>4. <strong>SEAMEO-DAAD Lecture Series</strong></td>
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<tr>
<td></td>
<td>by Dr Irene Jansen, Director, German Academic Exchange Service (DAAD)</td>
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<td></td>
<td>Regional Office Jakarta, Indonesia</td>
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<td></td>
<td><strong>Moderator:</strong> Dr Paryono, Deputy Director, SEAMEO VOCTECH</td>
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<tr>
<td>11.15-12.00</td>
<td><strong>Session 2: Panel Presentations on Indonesian TVET Policies and</strong></td>
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<td></td>
<td>Strategies on Harmonisation and Internationalisation</td>
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<tr>
<td></td>
<td><strong>Speakers</strong></td>
</tr>
<tr>
<td></td>
<td>1. <strong>TVET Secondary Education</strong></td>
</tr>
<tr>
<td></td>
<td>by Mr Mustaghfirin Amin, MBA, Director of Technical and Vocational</td>
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<tr>
<td></td>
<td>Education, Ministry of Education and Culture, Indonesia;</td>
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<tr>
<td></td>
<td>2. <strong>TVET Polytechnics/ Higher Education</strong></td>
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<tr>
<td></td>
<td>by Dr Paristiyanti Nurwardani, Director of Learning and Student</td>
</tr>
<tr>
<td></td>
<td>Affairs, Ministry of Research Technology and Higher Education.</td>
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<tr>
<td></td>
<td><strong>Moderator:</strong> Dr Abi Sujak, Centre Director SEAMEO SEAMOLEC</td>
</tr>
<tr>
<td>12.00-13.30</td>
<td>Lunch at Brasserie Restaurant, Ground Floor</td>
</tr>
</tbody>
</table>

*Venue: MPF Ballroom*
<table>
<thead>
<tr>
<th>13.30-15.30</th>
<th>Session 3: Concurrent Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.30-15.30</td>
<td>Session 3.1: High Officials Round Table Meeting</td>
</tr>
<tr>
<td>Moderator: Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat</td>
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</tr>
<tr>
<td>Co-Moderator: Dr Paryono, Deputy Director, SEAMEO VOCTECH</td>
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<tr>
<td>Rapporteurs: Dr Mark Gapultos, Management Specialist, SEAMEO VOCTECH and MOEC</td>
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</tr>
</tbody>
</table>

*Note: Only TVET High Officials and Ministry Coordinators are invited.*

Venue: MPF Boardroom

<table>
<thead>
<tr>
<th>13.30-14.30</th>
<th>Session 3.2 A: Implementation of Best Practices on Internationalisation and Teacher &amp; Student Exchange</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speakers:</td>
<td></td>
</tr>
<tr>
<td>1. How to successfully implement student and teacher exchange by Ms Anti Rismayanti, SEAMEO Secretariat;</td>
<td></td>
</tr>
<tr>
<td>2. Sharing experience from China by Ms Zhang Jing, Education of Asean-China Centre, Deputy Director Division of Supervision and management of International Cooperation and Exchanger, Ministry of Education, P.R. China;</td>
<td></td>
</tr>
<tr>
<td>3. Sharing experience from Vocational Secondary School by Mrs Retno Utami Principal of SMKN 1 Malang, Indonesia;</td>
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<tr>
<td>4. Sharing experience from college in Thailand: Mr Nattapol Poonprasit, Director, Nongkai Technical College</td>
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</tr>
</tbody>
</table>

Moderator: Dr Turijin, Senior Advisor, MOEC

*Note: TVET Institutions Directors, Industrial Partners, Development Agencies are invited*

Venue: MPF Ballroom

<table>
<thead>
<tr>
<th>14.30-15.30</th>
<th>Session 3.2 B: Sharing Management Practices of Institutes of Advanced Technology Training and Services in Southeast Asia and other regions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speakers:</td>
<td></td>
</tr>
<tr>
<td>1. Mr FX Suryadi, External Relation Division, ATMI Polytechnic Surakarta, Indonesia;</td>
<td></td>
</tr>
<tr>
<td>2. Mr Yusoff Md Sahir, Managing Director, German Malaysian Institute;</td>
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<tr>
<td>3. Mr Somwang Boonrakcharoen, Director, Thai-German Institute, Thailand;</td>
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</tbody>
</table>

Moderator: Mr Stefan Erber, Programme Director, GIZ/SED-TVET, Indonesia

*Note: TVET Institutions Directors, Industrial Partners, Development Agencies are invited*

Venue: MPF Ballroom

15.30-16.00 Coffee Break
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 4.1: Review the Agreements from the High Official Round Table Meeting</th>
<th>Session 4.2: Informal Networking Session (by own arrangement)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.00-16.30</td>
<td>Moderator: Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat</td>
<td>Note: Only TVET High Officials and Ministry Coordinators are invited.</td>
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<tr>
<td></td>
<td>Co-Moderator: Dr Paryono, Deputy Director, SEAMEO VOCTECH</td>
<td>Venue: MPF Boardroom</td>
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<tr>
<td></td>
<td>Rapporteurs: Dr Mark Gapultos, Management Specialist, SEAMEO VOCTECH and MOEC</td>
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<td></td>
<td>Note: Only TVET High Officials and Ministry Coordinators are invited.</td>
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<tr>
<td></td>
<td>Venue: MPF Boardroom</td>
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<tr>
<td>16.30-18.00</td>
<td>Inception Meeting of SEA Polytechnic Network (Policy Discussion)</td>
<td>Note: TVET Institutions Directors, Industrial Partners, Development Agencies are invited</td>
</tr>
<tr>
<td></td>
<td>Moderator: Dr Gatot Hari Priowirjanto, SEAMEO Secretariat and Mr Sharifuddin, SEAMEO VOCTECH</td>
<td>Venue: MPF Boardroom</td>
</tr>
<tr>
<td></td>
<td>Note: Ministry Coordinators and Directors/Deputy Director of Polytechnics and Universities of Technology are invited</td>
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<tr>
<td>18.30-21.00</td>
<td>Gala Dinner (Halal Food), hosted by MOEC</td>
<td>Venue: Serenity Beach</td>
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<tr>
<td></td>
<td>The cultural performance by SMKN 3 Sukawati, SMKN 2 and SMKN 3 Denpasar</td>
<td></td>
</tr>
</tbody>
</table>

**Day 2: Friday, 13 May 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 5: Announcement of the Agreements from the High Officials Round Table Meeting</th>
<th>Signing Ceremony of MOU between SEAMEO (Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat and Mr Peter Palesch, Country Director for Indonesia, Timor Leste and ASEAN, GIZ Indonesia)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00-09.00</td>
<td>Networking Session for High Officials and Representative (as requested)</td>
<td>Venue: MPF Ballroom</td>
</tr>
<tr>
<td>09.00-09.30</td>
<td>Session 6: Partnership with Industry and Relevant Institution for Improving Quality of TVET and Students' Capacity</td>
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<td></td>
<td>Speakers:</td>
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<tr>
<td></td>
<td>1. Dr Gunadi Sindhuwinata, CEO PT. Indomobil Sukses International;</td>
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<td>2. Mr Yohannes Climacus Sutama, Vocational and Passenger Car Product Training, PT. Mercedes Bens Distribution, Indonesia;</td>
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<td>3. Prof Kazuhide Sugimoto, Head of Global Strategic Planning and Promotion Office, National Institution of Technology (KOSEN), Japan.</td>
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<td>Moderator: Dr Turijin, Senior Advisor MOEC</td>
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<tr>
<td>10.30-11.00</td>
<td>Coffee Break</td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Venue</td>
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<tr>
<td>11.00-11.45</td>
<td><strong>Session 7: Panel Presentation: Strategies to Improve Quality of TVET Institutions</strong></td>
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<td>Speakers:</td>
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<tr>
<td></td>
<td>1. Strategies to promote and develop internationalisation and harmonisation of TVET at the institutional level by Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat;</td>
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<td></td>
<td>2. Harmonisation and standardisation of curriculum and competency by Dr Dadang Kurnia, GIZ, Indonesia;</td>
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<td></td>
<td>3. Content/curriculum development to meet the needs of industry by Dr Paryono, Deputy Director, SEAMEO VOCTECH</td>
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<td>Moderator: Mr Hj Md Sharifuddin bin Hj Md Salleh, Centre Director, SEAMEO VOCTECH</td>
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</tr>
<tr>
<td>11.45-12.00</td>
<td><strong>Session 8: Orientation for Group Discussion</strong></td>
<td><strong>Venue: MPF Ballroom</strong></td>
</tr>
<tr>
<td></td>
<td>by Dr Paryono, Deputy Director, SEAMEO VOCTECH</td>
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</tr>
<tr>
<td>12.00-14.00</td>
<td><strong>Friday Prayer at MPF Boardroom</strong></td>
<td><strong>Venue: MPF Ballroom</strong></td>
</tr>
<tr>
<td></td>
<td>Lunch at Brasserie Restaurant, Ground Floor</td>
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<tr>
<td>14.00-15.30</td>
<td><strong>Session 9: Group Discussion: Strategies to Improve Quality of TVET Institutions</strong></td>
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<tr>
<td></td>
<td><strong>Group 1: Partnership and Mobility</strong></td>
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<td></td>
<td>Group Moderator: Ms Anti Rismayanti, Programme Officer, SEAMEO Secretariat</td>
<td><strong>Venue: MPF Ballroom 1</strong></td>
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<tr>
<td></td>
<td>Rapporteur: Ms Pimratchada Patanasuthikul, SEAMEO Secretariat</td>
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<td></td>
<td><strong>Group 2: Harmonization and Certification Standard</strong></td>
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<td>Group Moderator: Dr Nils Geissler, Programme Director, GIZ/RECOTVET</td>
<td><strong>Venue: MPF Ballroom 2</strong></td>
</tr>
<tr>
<td></td>
<td>Rapporteur: Ms Vera Kowalski, GIZ/RECOTVET</td>
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<tr>
<td></td>
<td><strong>Group 3: Curricula in 21st Century</strong></td>
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<td>Group Moderator: Mr Hj Md Sharifuddin bin Hj Md Salleh, Centre Director, SEAMEO VOCTECH</td>
<td><strong>Venue: MPF Ballroom 3</strong></td>
</tr>
<tr>
<td></td>
<td>Rapporteur: Dr Mark Gapultos, Management Specialist, SEAMEO VOCTECH</td>
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</tr>
<tr>
<td>15.30-16.00</td>
<td><strong>Coffee Break</strong></td>
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</tr>
<tr>
<td>16.00-17.00</td>
<td><strong>Session 10: Report from the Group Discussion and Action Plan 2016-2017</strong></td>
<td><strong>Venue: MPF Ballroom</strong></td>
</tr>
<tr>
<td></td>
<td>Moderator Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat</td>
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</tr>
<tr>
<td></td>
<td>1. Group 1: Partnership and Mobility</td>
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<td>2. Group 2: Harmonization and Certification Standard</td>
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<td>3. Group 3: Curricula in 21st Century</td>
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<tr>
<td></td>
<td>4. Synthesis from the Group Discussion by Dr Paryono, Deputy Director, SEAMEO VOCTECH and Ms Piyapa Su-angavatin, SEAMEO Secretariat</td>
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</tr>
<tr>
<td>17.00-17.30</td>
<td><strong>Closing Ceremony</strong></td>
<td><strong>Venue: MPF Ballroom</strong></td>
</tr>
<tr>
<td>18.00-21.00</td>
<td>Dinner and Devdan Performance, hosted by MOEC</td>
<td><strong>Venue: Bali Nusa Dua Theater, Bali Tourism Development Corporation (BTDC), Nusa Dua</strong></td>
</tr>
</tbody>
</table>
For International Participants

**Day 3: Saturday, 14 May 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activities</th>
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<tbody>
<tr>
<td>8.30-09.00</td>
<td>Study Visit Programme</td>
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<td></td>
<td><strong>Preparation:</strong> Gathering in Lobby</td>
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<tr>
<td>09.00-15.00</td>
<td>Visit to local TVET institutions</td>
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<tr>
<td></td>
<td>1. SMKN 1 Denpasar (Technology);</td>
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<td></td>
<td>2. SMKN 3 Denpasar (Hospitality);</td>
</tr>
<tr>
<td></td>
<td>3. SMKN 1, 2 and 3 Sukawati (Arts and Cultural Performance).</td>
</tr>
</tbody>
</table>

For Indonesian Participants

**Day 3: Saturday, 14 May 2016**

**TVET Seminar for Indonesian TVET Leaders**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>07.00-08.00</td>
<td>Registration</td>
</tr>
<tr>
<td>08.00-09.00</td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td></td>
<td>1. <strong>Remarks</strong> by Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat;</td>
</tr>
<tr>
<td></td>
<td>2. <strong>Opening Remarks</strong> by Mr Mustaghfirin Amin, Director of Technical and</td>
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<tr>
<td></td>
<td>Vocational Education, Ministry of Education and Culture, Indonesia</td>
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<tr>
<td>09.00-09.30</td>
<td>Session I: “Princess Maha Chakri Award”</td>
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<td></td>
<td>1. <strong>Princess Maha Chakri Award</strong> by Dr Krissanapong Kirtikara, Chairperson</td>
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<tr>
<td></td>
<td>of the Princess Maha Chakri Award Foundation, Thailand (10 minutes)</td>
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<td>2. <strong>Sharing Experiences by the Awardee of Indonesia</strong> by Mr Herwin Hamid,</td>
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<td>Head of Computer Laboratory, Junior High School 6 Kendari, Indonesia and</td>
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<td></td>
<td>Princess Maha Chakri Award Winner of Indonesia (10 minutes)</td>
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<td></td>
<td><strong>Q&amp;A</strong> (10 minutes)</td>
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<td>Moderator: Dr Tinsiri Siribodhi, Deputy Director for Administration and</td>
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<td>Communication</td>
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<tr>
<td>09.30-10.30</td>
<td>Session II: Panel Discussion on SEA-FutureTeacher</td>
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<td>Speakers: (15 minutes/presenter)</td>
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<td></td>
<td>1. Ms Santi Ambarukmi, Deputy Director for Planning, Directorate of School</td>
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<td>Teachers Education Development, Indonesia;</td>
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<td>2. Assoc Prof Dr Sombat Kotchasit, President of Valaya Alongkorn Rajabhat</td>
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<td>University of Thailand;</td>
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<td>3. Dr Tinsiri Siribodhi, Deputy Director for Administration and Communication,</td>
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<td>SEAMEO Secretariat.</td>
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<td></td>
<td><strong>Q&amp;A</strong> (15 minutes)</td>
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<td>Moderator: Dr. Abi Sujak, Centre Director SEAMEO SEAMOLEC</td>
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<td>10.30-11.00</td>
<td>Coffee Break</td>
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</table>
### Session III: Capacity Building through Industrial Partnership

1. **Hospitality and Tourism Development in Indonesia** by Mr Wisnu Bawa Tarunajaya, Assistant Deputy of Tourism Human Resources Development, Ministry of Tourism;
2. **Agriculture Technology** by Dr Irdika Mansur, Director SEAMEO Biotrop;
3. **Construction Industries** by Mr Rachman Arief Dienaputra, Director of Partnership and Empowerment, Ministry of Public Work and Housing;
4. **Contribution of German Alumni, SEAMEO-DAAD Lecture Series:** by Dr AB Susanto, Deputy Director, SEAMEO SEAMOLEC;

Moderator: Dr Mark Gapultos, Management Specialist, SEAMEO VOCTECH

**Venue:** MPF Ballroom

### Lunch

### Session IV: Concurrent Session

#### Session IV.1: “Best Practices of Industrial Partnership Implementation”

1. **Hospitality and Tourism,** Mr Purwantoro, Director PT. Metropolitan Golden Management - Horison Hotel Group;
2. **Construction,** Ms Lili Liem, Sales Director, PT. Techno Logika Utama (Autodesk);
3. **Information Communication and Technology,** Mr Arda Irwan, General Manager Evercoss;
4. **Information Communication and Technology,** Mr Lukman Adjam, MBA, Association of Telecommunication Services Provider (Apjatel).

Moderator: Mr Harry Suliswanto, Senior Advisor, MOEC

**Venue:** MPF Ballroom

#### Session IV.2: Group Discussion on SEA Future TVET Teachers

Moderator: Dr Gatot Hari Priowirjanto and Dr Tinsiri Siribodhi, SEAMEO Secretariat

Rapporteur: Ms Anti Rismayanti, SEAMEO Secretariat.
Mr Victor, SEAMEO SEAMOLEC

**Venue:** MPF Boardroom

### Coffee Break

### Session V: Presentation of Action Plan from SEA Future TVET Teachers Discussion Group

**Venue:** MPF Ballroom

### Closing Ceremony

**Venue:** MPF Ballroom
Chiang Mai Joint Statement on Harmonisation and Internationalisation of TVET in Southeast Asia

PREAMBLE

1. We, high-level education officials responsible for technical and vocational education and training (TVET) and representing eight SEAMEO Member Countries (Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, and Thailand) met in a High Officials Round Table Meeting in Chiang Mai, Thailand on 25 August 2015 to determine policy directions of TVET development and collaboration in Southeast Asia, and identify strategic framework and priority areas of development especially on prospects of harmonisation and internationalisation of TVET.

2. The First High Officials Round Table Meeting on TVET in Southeast Asia is in pursuit of the directive of the education ministers of Southeast Asian countries that comprise the SEAMEO Council during the SEAMEO Strategic Dialogue of Education Ministers held in September 2014 in Vientiane, Lao PDR which identified TVET as one of the seven Post-2015 and Post-Education for All priority areas of SEAMEO.

3. Furthermore, the High Officials Round Table Meeting on TVET in Southeast Asia is in support of recent global and regional declarations on the promotion and enhancement of TVET such as the Third International Congress on TVET which focused on “Quality Education and Skills Development for Sustainable Future” and was held in Shanghai, Peoples Republic of China in May 2012; and the Kuala Lumpur Declaration on “Making Skills Development Work for the Future” held in Kuala Lumpur, Malaysia on 3-5 August 2015.

4. Cognisant of the increasing integration in the world and in Southeast Asia and the efforts of governments to address labour market demand which will help bring about economic growth and social development, the importance of working together towards harmonisation and internationalisation of TVET is key to ensuring greater mobility and competitiveness, not only of single and individual countries of the region, but the entire Southeast Asia as a unified community.

AFFIRMATIONS

5. With the foregoing antecedents, we therefore recognise and affirm the following:

1. That TVET plays a fundamental role in preparing the labour force in Southeast Asia, and that the industry is an important driver of economic growth;

2. That by synergising efforts of SEAMEO Member Countries on TVET, Southeast Asia can be more ready for ASEAN integration;

3. That there is a need for continuous and strategic discussion to help direct regional cooperation on TVET in Southeast Asia; and

4. That harmonisation and internationalisation of TVET is vital key to competency development and quality improvement of this sector in Southeast Asia.
AREAS AND STRATEGIES FOR COOPERATION

In support of precursor global and regional declarations on TVET and our foregoing affirmations, we therefore agree to the following:

1. Cooperate in the review and share the development of respective TVET national quality assurance and qualifications framework of SEAMEO Member Countries referring to the ASEAN Qualification Reference Framework (AQRF).

2. Establish SEA-TVET consortium as a mechanism for overseas student and staff exchange, which shall include industrial attachment and internship.

3. Agree that Hospitality and Tourism is the first priority industry sector as a pilot for implementing regional harmonisation. Other priority industry sectors such as 1) Electronics, Mechatronics, and Manufacturing; 2) Agriculture and Fishery; and 3) Construction will be implemented in the later stage.

4. Share knowledge, best practices, and resources, including experts, teaching and learning systems and materials, and equipment for enhancing cooperation to improve the quality TVET in Southeast Asia. Online TVET portal will be used as a platform to enhance information sharing. (http://seatvet.seameo.org)

5. Carry out TVET occupational mapping by priority industry sector and by geographical area in cooperation with industry and other agencies to narrow the gap between demand and supply for future labour force in the region.

6. Address several components, such as green TVET, technopreneurs, innovative practices in TVET, teacher education and training, and TVET for all as part of harmonisation and internationalisation of TVET initiatives in Southeast Asian region.

7. Mobilise stakeholders in a concerted effort to create strategies and share responsibilities for harmonisation of TVET.

Adopted on 26 August 2015 in Chiang Mai, Thailand at High Officials Meeting on Southeast Asia Technical and Vocational Education and Training (SEA-TVET)

organised by the Office of Vocational Education Commission, Ministry of Education Thailand; SEAMEO, and British Council