

E-FORUM: MANAGING PANDEMIC CHALLENGES AND OPPORTUNITIES OF TVET IN THE ERA OF DIGITALISATION

IN CONJUNCTION WITH THE 32ND SEAMEO VOCKETCH GOVERNING BOARD MEETING



28 OCT
THURSDAY



9.00AM - 5.00PM
BRUNEI TIME (GMT +8)



VIRTUAL
VIA ZOOM & YOUTUBE



SEAMEO VOCKETCH

"Preparing TVET for Industry 4.0"



Directorate General of Vocational Education
Ministry of Education, Culture, Research, and Technology

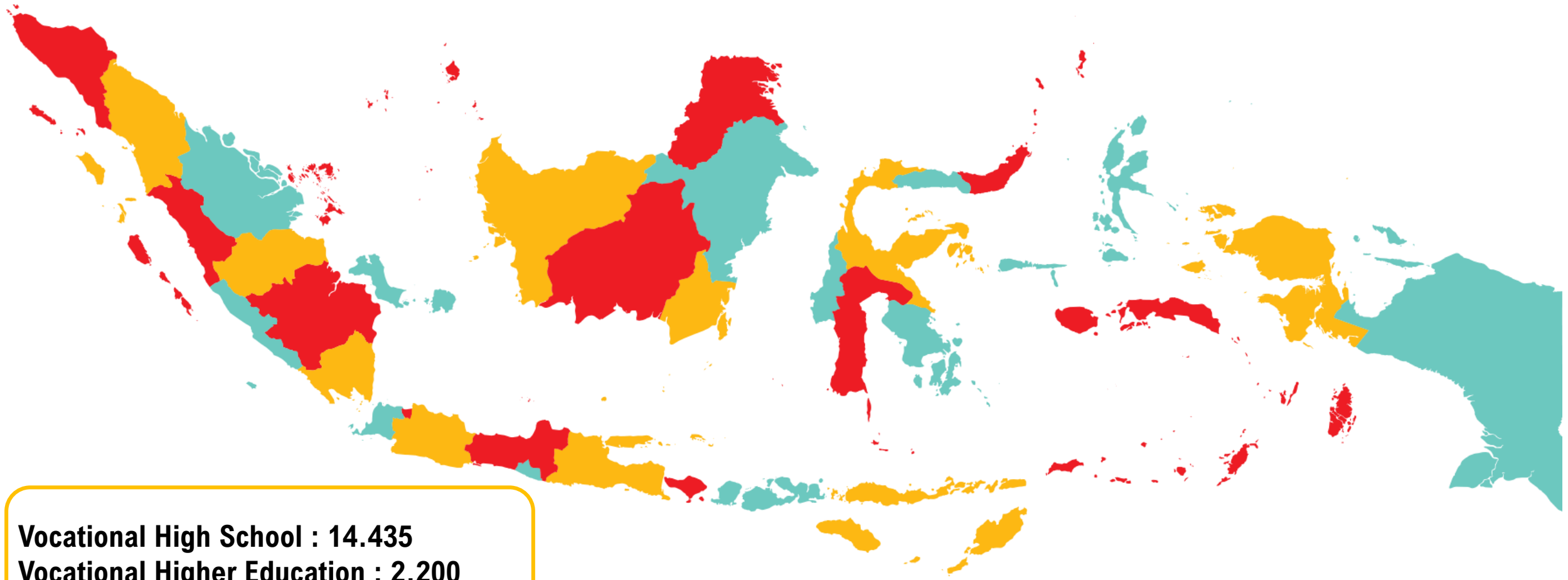
"Indonesia Country Level Response in Managing Pandemic Challenges and Opportunities of TVET in The Era of Digitalisation"

E-Forum 1 Governing Board Meeting 32nd SEAMEO VOCKETCH
October, 2021

Saryadi

Acting Director of Partnership and Alignment of Vocational Education with Business and Industry

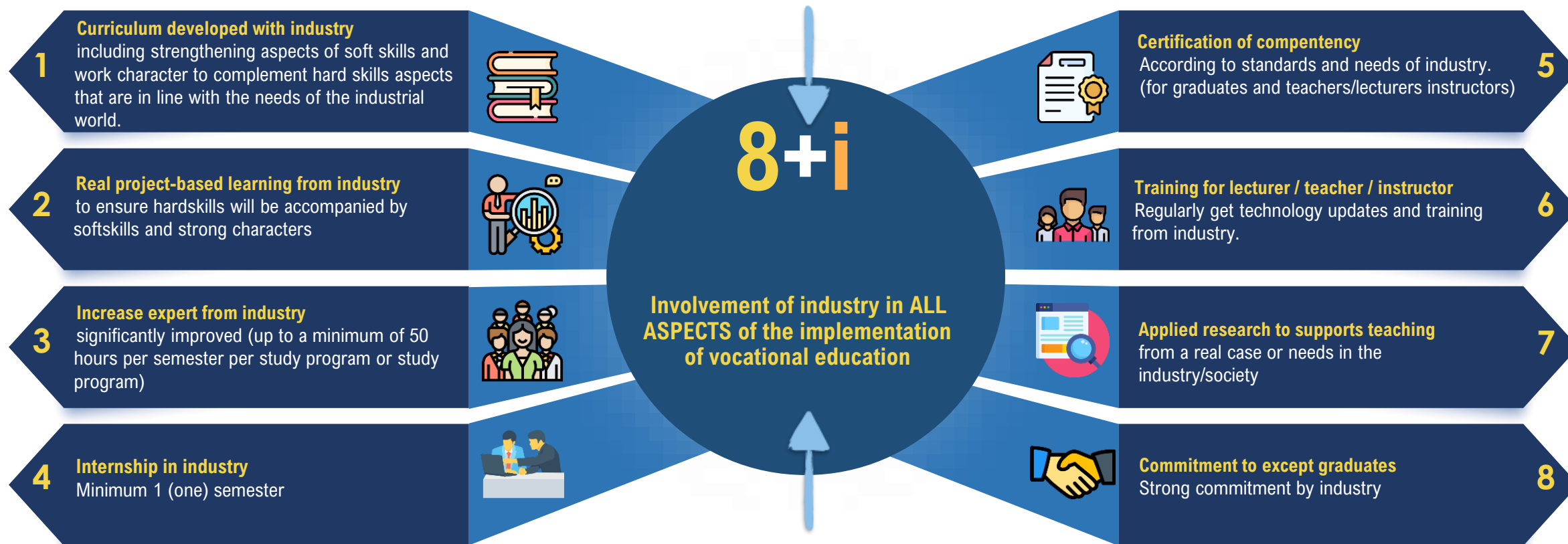
Managing Vocational Education in Indonesia



Vocational High School : 14.435
Vocational Higher Education : 2.200
Courses and Training : 10.551

Link & Match Strategy to Enhance the Quality of Vocational Education

Integration of Vocational Education and Industries/Business



- i** Various possibilities of cooperation that can be done with the industrial world, such as:
- Scholarships and/or commitment to work for the government after graduation
 - Donations for laboratory equipment, or in other forms, etc

The Continuity of TVET - *Impact of Covid19 in Education*



IMPACT OF COVID19

1. **Reduction of face-to-face learning** interactions in schools
2. The risk of exposed covid19 at school or the risk of **creating a school cluster**
3. The occurrence of **learning loss** or **Skill loss** and the possibility of losing students' interest in learning
4. The teachers have not fully mastered to **use of information technology** to carry out online learning
5. Less optimal **practical learning** in vocational education



IMPLICATION

1. Increasing the **use of Information Communication Technology** for the distance learning process
2. Various learning models are widely used to **optimize** the implementation of online learning
3. Practical learning is carried out with **strict health protocols and limitation of student presence**
4. The government issued a policy to guide the **implementation of learning** during the Covid 19 pandemic
5. The **Internship Program** for SMK/Polytechnic are carried out online or implement project based learning



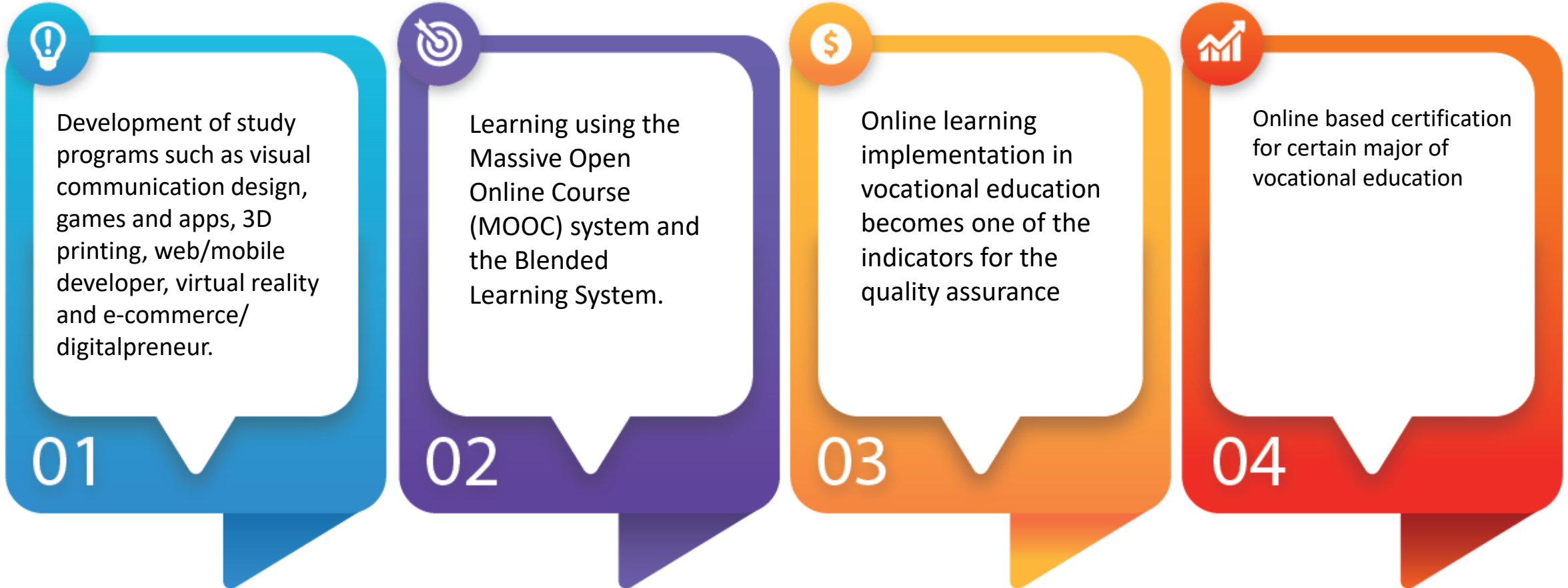
Promising Opportunities During Pandemic



Opportunities

1. **Strengthening Digitalization Skills** → TVET teachers and students are exposed to digital things
2. **Innovative Learning Method from teachers** → Teachers are triggered to create innovation in teaching and learning process
3. **Connection and Networking with industry** → Different approach to industry via online events
4. **Digital Entrepreneurship Skills** → Students have wider opportunity to learn, practice, and become digital entrepreneur

Trends in Digital TVET



Ensure Resilient TVET Post Pandemic

1. The Government initiate certain programs to strengthen the collaboration between vocational education and industry:

- **Matching Fund** : A program that aim to support project-based collaboration between vocational higher education and industry (cash or in-kind)
- **Competitive Fund for Vocational Higher Education**: SMK-D2 Acceleration Program, D3 improvement into D4
- **Sertification and Microcredential**: Microcredential program is a short course of learning in industry that aim to improve hard skills and soft skills
- **SMK Center of Excellence (SMK PK)**: 901 SMKs which supported by various treatments (training program, and infrastructure). Those SMK will become center of excellence for other SMK
- **Pendidikan Kecakapan Kerja (PKK)**: Program that prepares the students to improving their work skills (hard skills and soft skills)
- **Pendidikan Kecakapan Wirausaha (PKW)**: Provides entrepreneurship skill training
- **Vocational Education Forum (Forum Pengarah Vokasi)**: Giving inputs/suggestion in developing vocational education program

2. The government provide incentive for the company that are willing to cooperate with vocational education, namely super tax deduction

3. The government invite industry to support the priority program to matching fund scheme

4. Directorate Vocational High Schools organized a virtual learning program named Kamp Kreatif SMK Indonesia (KCSI) in collaboration with SEAMEO Bangkok Secretariat, SEAMEO Center in Indonesia, Vocational Higher Education and High Schools to support the skilled workforce affected by the pandemic*. In 2021, total participants are 2.000 people from 32 provinces.

*such as tourism promotion industry, data science, culinary, cyber security, fashion, game development, renewable energy application, and craft art (industry creativity))

5. Schools provide the assistance to develop entrepreneurship skill with the program of “Sekolah Pencetak Usaha”.

Internship Program

Rule: Regulation of the Minister of Education and Culture Number 50 of 2020 concerning The Internship Program for Students / Praktik Kerja Lapangan (PKL)

The implementation of the internship program during the pandemic is carried out by:



- 1 Implementation of face to face Internship Program for Vocational Education in the field of essential sector such as health, banking, media, construction, logistic and transportation.
- 2 Implementation of online internship program for Vocational Education in the field of technology and information and related sector. This program is school-initiated
- 3 For non-IT fields, students are directed to develop Multimedia-based learning content related to their fields of competence
- 4 Some SMK conduct the internship to support Micro small and Medium Enterprises, for example, promotion using digital marketing
- 5 Another internship implementation, project based learning and entrepreneurship are two main

Sumber: Kemendikbud



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Concluding Remarks

Indonesia is optimistic and can adapt to the pandemic conditions and is ready to encounter the post-pandemic. We are looking forward to collaborate with ASEAN member countries in the field of vocational education through sharing expertise, experience, and best practice.

Thank You !