



VOKASI
KUAT, Menguatkan
INDONESIA

DIRECTORATE GENERAL OF VOCATIONAL EDUCATION
MINISTRY OF EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY

“Pendidikan Tinggi Vokasi di Belanda dan Peluang Kolaborasi dengan Indonesia”

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EDUCATION IN THE NETHERLANDS

QUICK FACTS

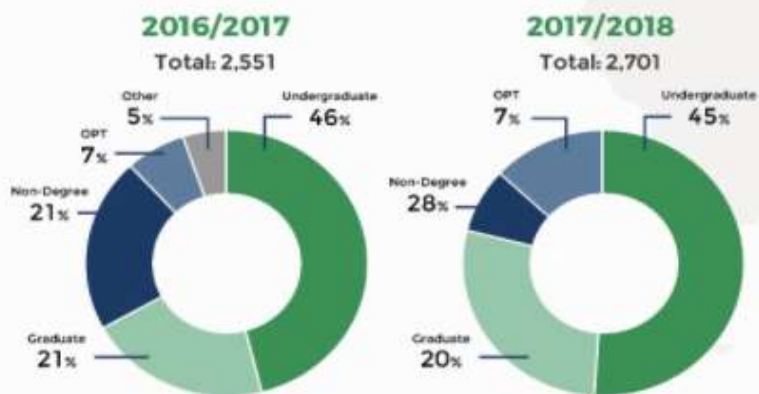
Population
17,200,000
(2016, Dutch Central Agency for Statistics)

Compulsory Education
Age 18
(or completion of a basic secondary qualification)

Languages of Instruction
Dutch in schools,
Dutch and English in higher education

Academic Year
September-August
(or July)

TOTAL NUMBER OF DUTCH STUDENTS IN THE U.S.



Source: Institute of International Education



GRADING SCALE & WES CONVERSION

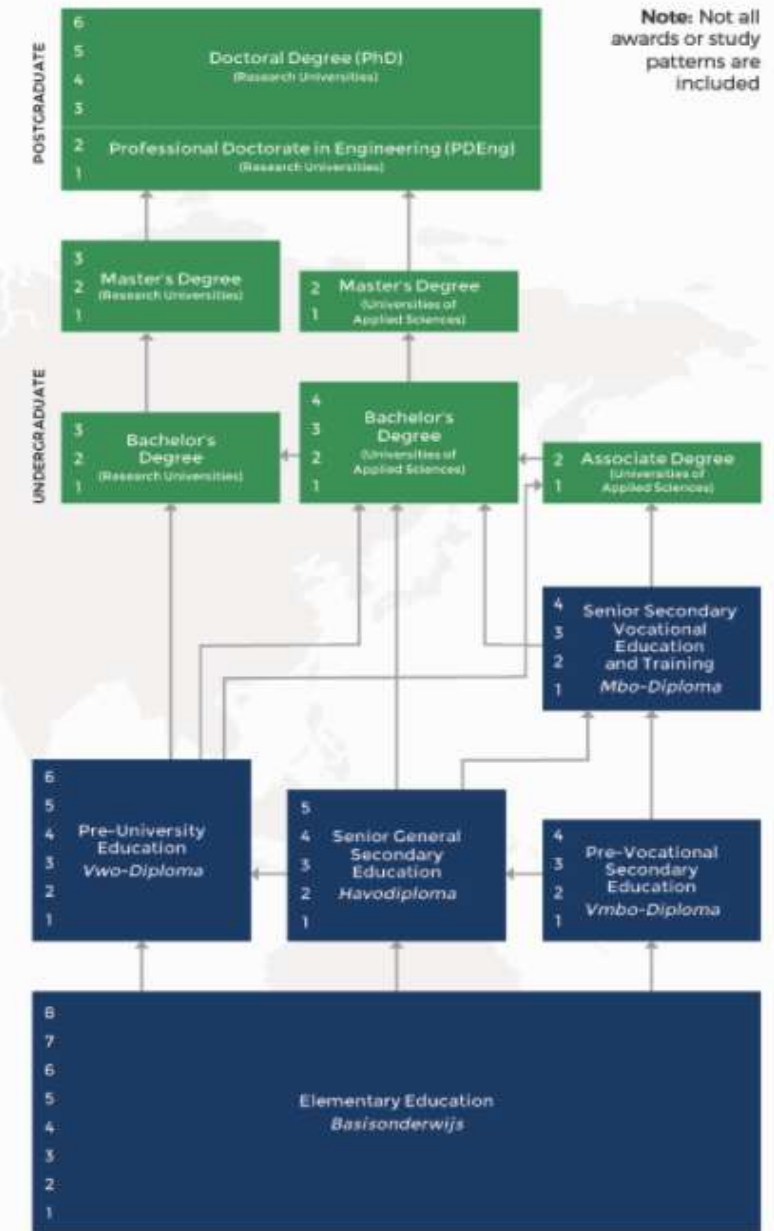
The Grading Scale of the Netherlands		
Grade	Descriptor	WES Conversion
10	Excellent	A
9	Very Good	A
8	Good	A
7	Very Satisfactory	B
6	Satisfactory	C
5	Almost satisfactory	C (5.5 or higher) F (below 5.5)
4	Unsatisfactory	F
3	Very Unsatisfactory	F
2	Poor	F
1	Very Poor	F

WES DOCUMENT REQUIREMENTS

Required Documents	
Secondary Education	
Graduation Certificate (Diploma HAVO, Diploma VMO, Diploma VMBO etc.) - sent directly by the institution attended	
Higher Education	
Degree Certificate (Bachelor, Master, <i>Getuigschrift Hoger Beroepsonderwijs</i> , <i>Doctoraalexamen</i>) - submitted by the applicant	
Diploma Supplement (or academic transcript for incomplete programs) - sent directly by the institution	
For completed doctoral programs, a letter confirming degree conferral - sent directly by the institution	

Note: WES requires that applicants submit precise English translations of all documents not issued in English. For more information on WES documentation requirements, please visit wes.org.

EDUCATIONAL SYSTEM



Note: Not all awards or study patterns are included

Source: NUFFIC

Comparing Indonesia and Dutch Education System



Indonesia

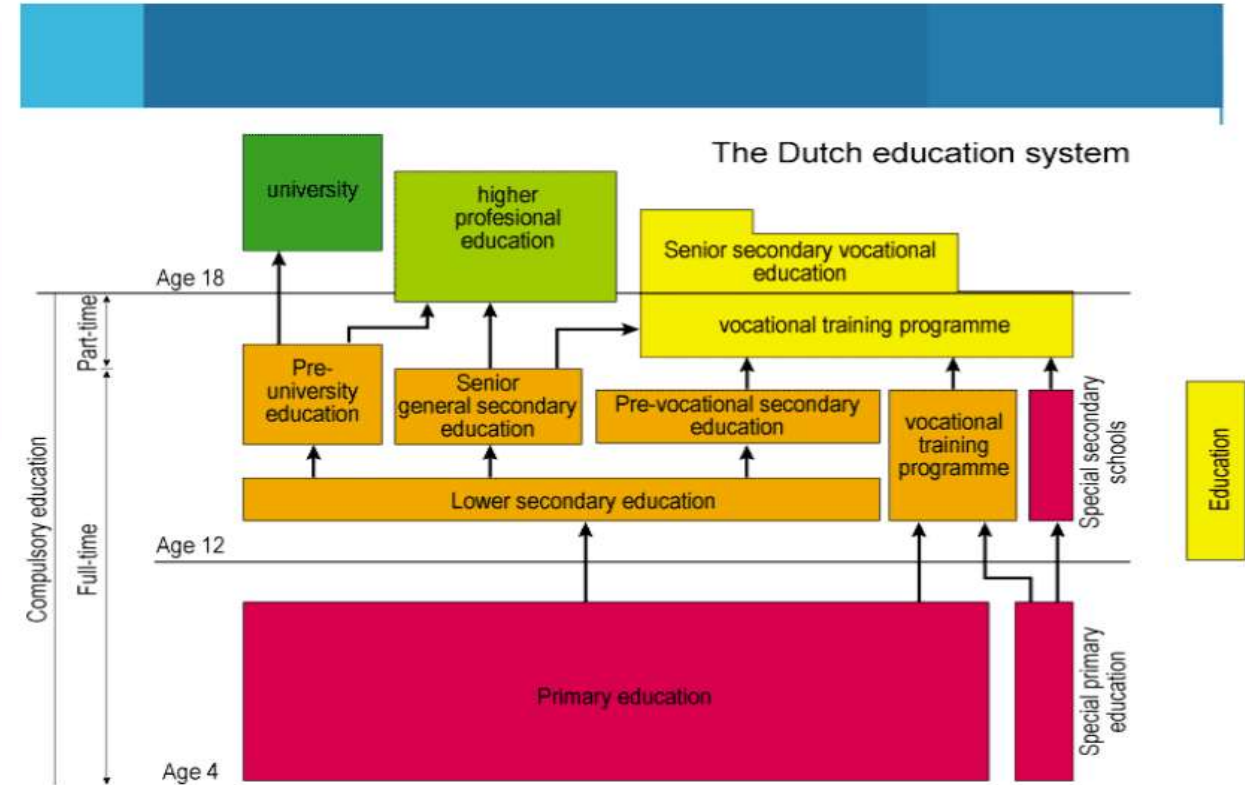


Figure 1. The Dutch education system

Belanda



Primary Education (basisonderwijs)

Free of Charge

- Public and Private schools

Kindergarten to
primary 8

- K1 to primary 8



PREPARE STUDENTS FOR HIGHER PROFESSIONAL EDUCATION

a. University-preparatory secondary education (*voorbereidend wetenschappelijk onderwijs – VWO*).

Senior general secondary education (*hoger algemeen voortgezet onderwijs – HAVO*)

SECONDARY EDUCATION

Pre-vocational secondary education programs (*voorbereidend middelbaar beroepsonderwijs – VMBO*)

Practical training programs (*praktijkonderwijs, PRO*)

PREPARE STUDENTS FOR FURTHER VOCATIONAL TRAINING





Upper-Secondary Vocational Education (MBO)/ vocational education and training (VET) system

- 80% of its total funding funded by Government
- created to reduce the country's youth unemployment rate
- Upper-secondary VET is provided free of charge to students under the age of 18, but students older than 18 pay modest fees



Fields of Vocational Secondary Education (VMBO)



Business

- Accounting
- Management, etc

Agriculture

- Maritime
- Food Technology

Care & Health

- Nurse
- Medicine, Lab works, etc

Engineering & Technology

- Construction
- Engineer, IT, etc.



Higher Education

Dutch Higher education	research-oriented education (wetenschappelijk onderwijs)	applied higher professional education (hoger beroepsonderwijs-HBO)
Offered	universities	universities of applied sciences (hogescholen).
Focus	academic education and scientific research	practically oriented programs that usually incorporate industrial internships and prepare students for careers in specific fields
Programs	Bachelor, Master, Doctorate	Bachelor, Master



Scholarship in Netherlands

Types of Scholarship	Program offered	Coverage	Duration	Funding source
Orange Tulip Scholarship (OTS)	Bachelor, Masters for Indonesian	Partial (tuition waiver)	2-4 years	Dutch higher education institutions
Holland Scholarships	Bachelor, Masters	Partial (tuition waiver)	2-4 years	Ministry of Education, Culture and Science in collaboration with the Dutch research universities and universities of applied sciences Netherlands
Studeren in Nederland (StuNed)	Master, Tailor-Made Training (TMT) for Indonesian	Full Scholarship / Co-funding scheme	1-2 years	bilateral scholarship program between the Netherlands and Indonesia
Orange Knowledge Program (OKP)	Institutional Cooperation, Tailor-Made Training (TMT) & Individual Scholarships (Master & Short course)	Full coverage (Stipend, Health insurance, Visa, returned airfare)	1-2 years	Dutch Ministry of Foreign Affairs
LPDP	Masters Doctorate	Full coverage (Stipend, Health insurance, book, Visa, returned airfare)	1-4 years	Ministry of Finance Republic of Indonesia



President Instructions Regarding Vocational Education Development

Foreign Cooperation Issues



The government should cooperate with other countries such as Switzerland, Germany, Taiwan, Japan, South Korea, Singapore, or the World Bank for the development of vocational education and

Rapat Terbatas tanggal 16 Mei 2019 tentang Tentang Pendidikan dan Pelatihan Vokasi

Human resource development such as vocational training and vocational internships abroad should be carried out on a large scale.

Sidang Kabinet Paripurna tanggal 6 Maret 2019

Bringing in mentors from other countries on a large scale to mentor both teachers and students.

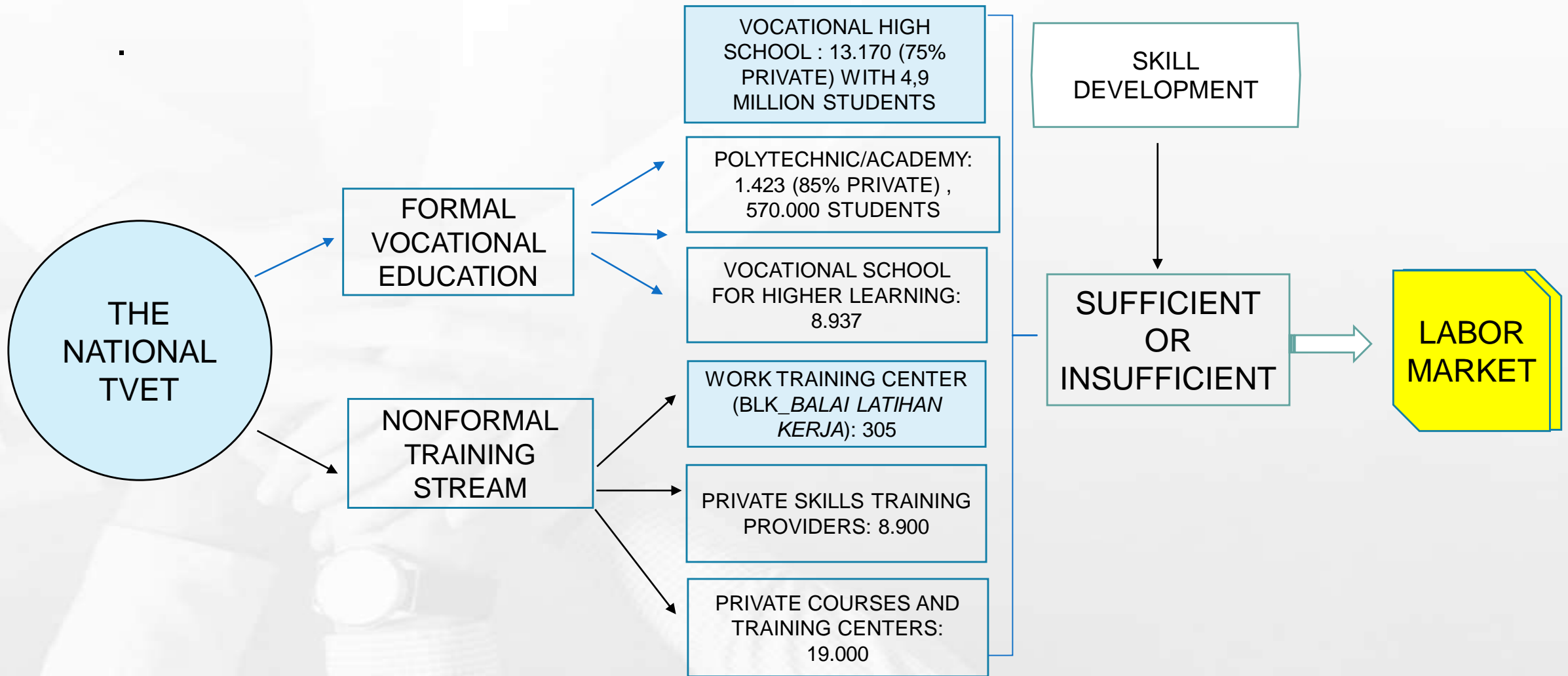
Rapat Terbatas tanggal 21 November 2018 tentang Pembangunan Sumber Daya Manusia untuk Akselerasi Pertumbuhan Ekonomi

Lecturers are not only local teachers but can also come from foreign teachers

Rapat Terbatas tanggal 15 Maret 2018 tentang Peningkatan Sumber Daya Manusia Indonesia



THE ECOSYSTEM OF TVET IN INDONESIA



Directorate General of Vocational Education (DIKSI)

27 Desember 2019

- **Vocational Higher Education – 2,2K Campuses** (Polytechnics, Community Academy,, and also Universities, Institutes, and Colleges with Vocational Study Programs– D1,D2,D3,D4,S2T,S3T)
 - Dit. Kelembagaan & Sumber Daya
 - Dit. Akademik Perguruan Tinggi
- **Dit. of SMK (Vocational High School) – 14K SMK**
- **Dit. of Training and Course (non degree) – 17K Institutions**
- **Dit. of Networking and Partnership**
Ensuring industries involvement in all aspects of Vocational education at all levels
- **7 Balai Besar PPMPV (Vocational Technical implementation Unit)**

"Realizing vocational education as a national strength through increasing the competence of students and vocational graduates in accordance with industry needs."

Link and Match!



Main strategy

Should meet the minimum condition of “marriage” ... not only MoU signing (sleeping MoU, or half sleeping MoU) **INSTING + SPIRIT → Massive Marriages**
To be linked and should be matched

IN 2020 WE ESTABLISHED FORUM PENGARAH VOKASI Vocational Steering Forum (“Rumah Vokasi”)
(as a forum for industry representatives to provide input, coordination, and steering vocational education)



INTEGRATION OF VOCATIONAL EDUCATION AND WORLD BUSINESS INDUSTRY

Implemented Through → *Link and Match 8+i*

Not only the MoU Ceremony, but also with:



- i** Various possibilities of cooperation that can be done with the world business industry, among others:
- Scholarship, job contract, and/or official bond
 - Donate in the form of laboratory equipment, or in other forms
 - And so forth

The implementation of the “Link and Match 8 + i” vocational higher education also helps achieve the “IKU PT”

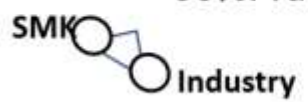


Scheme: Sustainability of Study Programmes

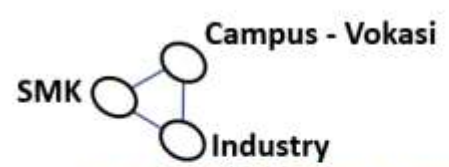
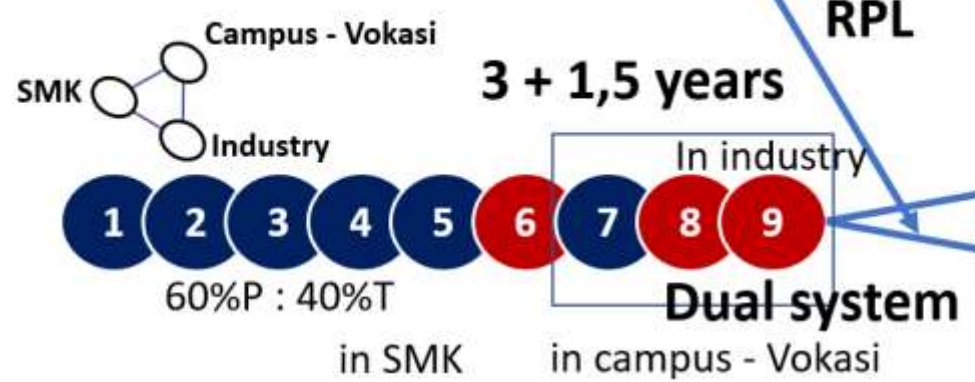
● : at school/campus
● : Internship/Prakerin **Dual system**

● : Merdeka Belajar
 "Freedom on learning"

SMK Program 3 years



SMK Program - D2 Fast-Track



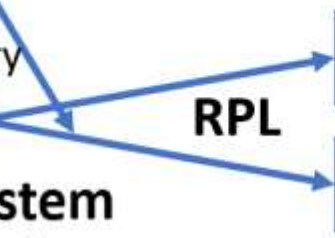
RPL

3 + 1,5 years



RPL

Dual system



Merdeka Belajar



Applied B.Sc Fast-Track

Applied Master Program

In Indonesia / abroad
(Germany, Taiwan, Japan, Korea, Australia, etc)



ACADEMIC INNOVATION

SYARAT LULUS

- IJAZAH & TRANSKRIP
- SERTIFIKASI KOMPETENSI
- ENGLISH PROFICIENCY
TOEFL, TOEIC, IELTS, TEVOCS

KOMPETENSI

COGNITIVE IPK (relatif) Tinggi + Sertifikasi Kompetensi Ijazah & Transkrip	HARDSKILLS IT Literacy
SOFTSKILLS Communication, Leadership, Problem Solving, English Presentation, Critical Thinking, Creativity, etc.	IT Literacy
INTEGRITY jujur, pekerja keras, syukur & ikhlas karakter pemenang, menginspirasi + SEHAT cinta Indonesia	



"I am Competent"
→
"able to PERFORM"

Competence =
(Hardskills x SOFTSKILLS) x KARAKTER



- Prototype/ Product
- Advanced TRL Research
- Publication (Journals/Proceedings)
- Patent
- Direct Deals
- Testing Certification

Produk Dalam Negeri



Development of the international cooperation strategy

Step 1: Focusing and Strengthening Current Cooperation Programs with Foreign Countries

Step 2: Create of new models/schemes in partnerships and collaboration in the fields of vocational higher education and applied research (with 8+1 concept approach)

Step 3: Set up a strategy to communicate Vocational Higher Education institutions internationally.

Step 4: Consolidation of the cooperation with the regional environment in the framework of mutually beneficial cooperation

Step 5: Strengthening the mobility of students and lecturers. Including inviting instructor from industrial expert from foreign countries.



Why we need to collaborate?

- To attract and maintain world-class teaching
- To learn new approaches, best practices and techniques
- Engage expertise that is crucial to your scientific breakthrough
- To receive more funding from various sources – governments, industries, foundations and international organizations
- To share the costs of vocational education link and match concept (Ex: Curriculum Alignment with Business and Industries, Project Based Learning from Global Reputation Institutions/Industries, Visiting Lecturer/Expert from Industries, Internship, Certification, Training by Industries, applied research equipment)

BACKGROUND

Indonesia is the fourth most populous country in the world (around 260 million people). Half of the total population is a young population under 30 years old. Indonesia's population currently consists of a large labor force

During 2014 – 2018, the Indonesian economy grew relatively stable with an annual average of 5 to 5,2 percent >> unemployment rate declined from 5,94% to 5,34%

Inequality remains high, the low quality and competitiveness of human resources >> low skill labor and youth unemployment rate (age 15-24) was high at 19,68%

Indonesia will “enjoy” the peak of its demographic bonus in 2028. The Indonesian population will be reaching around 292 million with a productive age of around 198,7 million

To improve the rate and quality of economic growth, ensure inclusiveness and reduce inequality, the sources of growth need to shift toward sectors absorbing as many labor as possible, particularly industry, manufacturing and services sector



Investment & Collaboration Opportunities



Welcome World
Class University



Micro Credentials



Online Learning Development
During and Post Covid-19



Joint Research
and Publication



Curriculum
Development



Student and Staff
Exchange



Internship in
Industry



Scholarship



Sabbatical leave
for Professors



University
Consortium


Emancipated Learning Programs

1 semester (20 credits) minor subjects

2 semesters (40 credits) off campus

8 Off-Campus Learning Activities


★ Student Exchange 1




★ Internship 2




Teaching Assistance in Education Unit 3



Research 4




Community Service Program 8



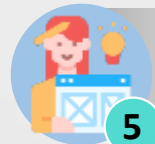
★ Independent Project Microcredentials 7



Entrepreneurial Activities 6



Humanitarian Project 5



The Strategic Plan




- **Strengthening institutional management**
- **Establishment of international forum to provide international network.**
- **Annual seminars/workshop/dialog in term of synchronize policy and “market and industries” need**
- **Synchronizing the Quality Assurance Method**
- **Acknowledgement qualification framework**





Thank you

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