



Thailand  
Future Skills  
Summit 2022

# Thailand Future Skills Summit 2022

**Building Future-Ready Workforce**

**12th October 2022**

**Pullman Bangkok King Power, Thailand**



Co-hosted by:



Organised by:



# “Building Future-Ready Workforce”

ASEAN is set for a digital transformation. Emerging technologies such as 5G, Cloud Computing, Big Data, Artificial Intelligence and the Internet of Things are dramatically reshaping the digital economy. With a proper digital agenda and a strategy that harnesses the power of technology and people, the ASEAN region could add US\$1 trillion to its gross domestic product (GDP) over the next decade and help ASEAN leap to the forefront of global competitiveness as a world-leading digital hub.

In 2015, the ASEAN Economic Community (AEC) mapped out a charter for the next 10 years, with a clear focus on adopting innovation and technology, and developing micro, small, and medium-sized enterprises (MSMEs). Most ASEAN countries have articulated various visions for their digital economies. Substantial digital and physical infrastructure investments are also underway. Between 2011 and 2015, countries across ASEAN invested almost US\$50 billion in building the region's communication infrastructure. Overall, ASEAN has a demographic, macroeconomic, infrastructure, and strategic environment conducive to digital adoption, which will continue to spur economic growth among the region's economies.

But digital talent to allow the region to make the most of the opportunity is lacking.

For ASEAN to take full advantage of the digital age, its workforce needs to be imbued with the right skill sets.

ASEAN Countries need to lay out a comprehensive road map for talent development and training. Reskilling and retraining should focus on enabling employees to use technology effectively to prepare workers for a world of continuous disruption. Tighter coordination between governments, industry and educational institutions is necessary, as it is a focus on the practical aspects of digital transformation, and the latest tools and technologies.

Governments need to radically transform their current education systems to ensure youth are prepared for the digital economy by investing in 21st-century skills education. Skills such as critical thinking, problem-solving, creativity, digital literacy, and more holistic social and emotional skills will be vital for the youth to cope with the new technologies and rapidly evolving workplaces of tomorrow.

The Thailand Future Skills Summit 2022 with an overarching theme 'Building Future-Ready Workforce' aims to facilitate discussions on tackling the digital gap by considering how the government, education providers and private organisations can work in partnership to boost digital skills and tackle isolation in the modern digital society. Through a series of keynote speeches and interactive sessions, the forum will be an opportunity to explore how to achieve a fully digitally inclusive future through providing digital skills and access for all.

## The key takeaways from the Thailand Future Skills Summit 2022 are:

The impact of digital skill talent deficit on the implementation of national agendas such as digital transformation, smart cities, sustainable development and climate change;

Transformation of education and training systems in producing digitally future-ready workforces;

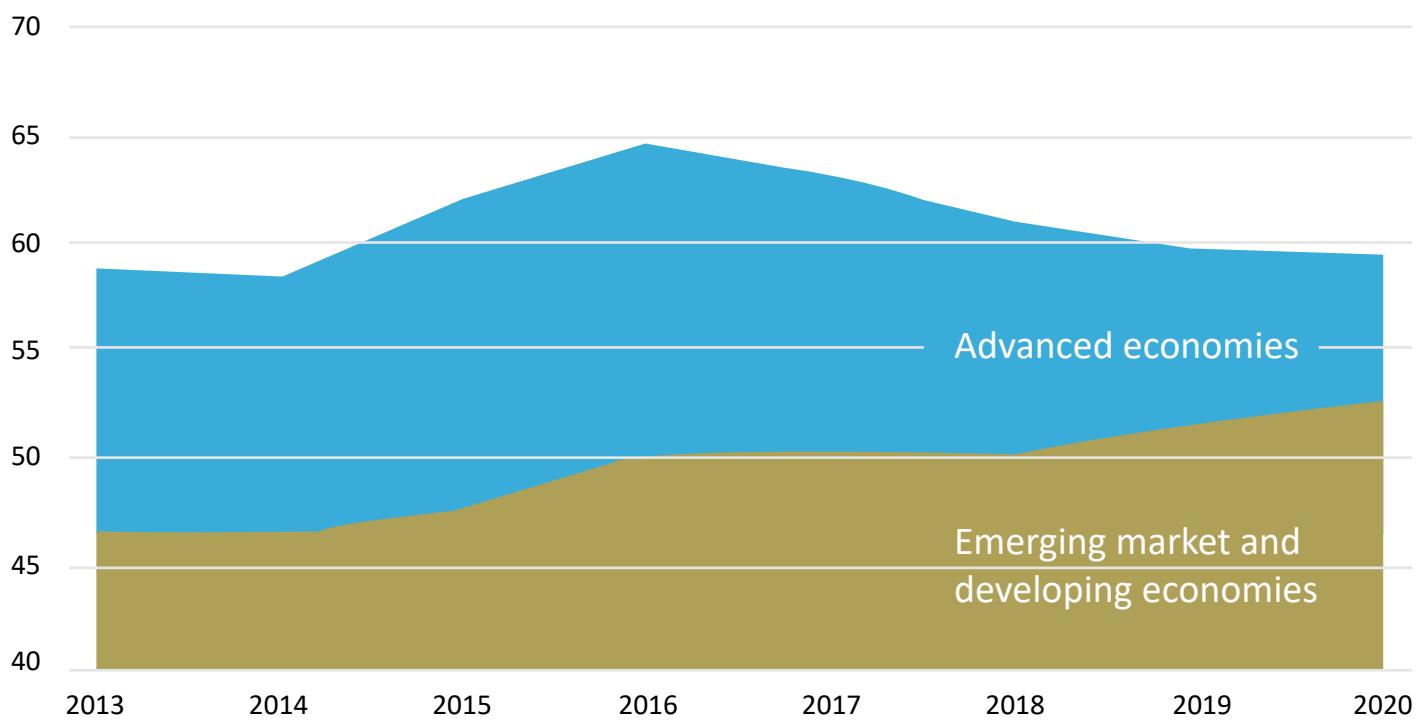
Review and recommend policies, strategies, initiatives and innovative financing models to cultivate lifelong learning culture in supporting the national digital transformation agenda; and

Improved inclusiveness in education and employment for all.

# Global Technology Trends Over the Next 10 Years

Existing Trends that Will Continue	Future Trends
Internet: Will continue to be there in its current form and evolve to provide a wide range of Cloud services.	AI: Will be very powerful in specific problem areas
Connectivity: Has mostly reached the point of delivering all we need where it is geographically available	Big Data: Valuable in delivering new insights through data analytics
Virtual Reality and Augmented Reality: VR will remain niche but AR might play a larger role	Robotics: Could automate more
Robotics: Currently widely used in manufacturing	Autonomous vehicles: Will evolve slowly and have limited impact by 2025
IoT: Will deliver productivity gains and better working devices	3D printing: Could substantially reduce time to market of new products

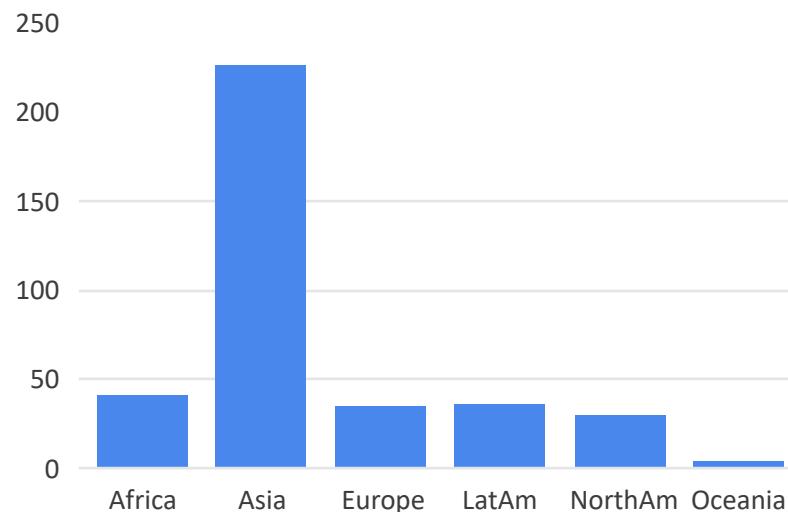
## Business Leaders are Increasingly Struggling to Find the Right Talent



1. Emerging market and developing economies based on a constant sample of 84 economies, advanced economies average based on a constant sample of 36 economies covered in every edition since 2013
2. Ease of finding skilled employees (1-100) corresponds to the response to the survey question "In your country, to what extent can companies find people with the skills required to fill their vacancies?" [0 = not at all; 100 = to a great extent]

(Source: World Economic Forum)

## Change in Population with Post Secondary Education 2015-2030 (Millions)



(Source: IIASA nad Wittgenstein Centre)

## 2030 Global Expenditure, Education and Training (Trillion USD)



- Pre K
- Post Secondary
- Lifelong Learning
- K-12
- Corporate

(Source: World Economic Forum)

**47**  
Million

— Digital Talent Shortages by 2030 in the Asia-Pacific Region (Korn Ferry) —

**50%**

of Asia-Pacific Chief Executives

— say it is difficult to hire digital talent with the right skills (PwC) —

**5X**  
Increases

— in digital skills needed in Asia (Amazon) —

By 2050, we have

**2.4**  
Billion More

— secondary and post-secondary graduates. —  
On average, --60 million from Asia and Africa per year

## The Eight Desired Outcome (DO) of ASEAN Digital Masterplan 2025 (ADM2025)

Actions of ADM 2025 prioritised to speed ASEAN's recovery from COVID-19

**DO1**

Increase in the quality and coverage of fixed and mobile broadband infrastructure

**DO2**

The delivery of trusted digital services and the prevention of consumer harm

**DO3**

A sustainable competitive market for the supply of digital services

**DO4**

Increase in the quality and use of e-government services

**DO5**

Digital services to connect business and to facilitate crossborder trade

**DO6**

Increased capability for business and people to participate in the digital economy

**DO7**

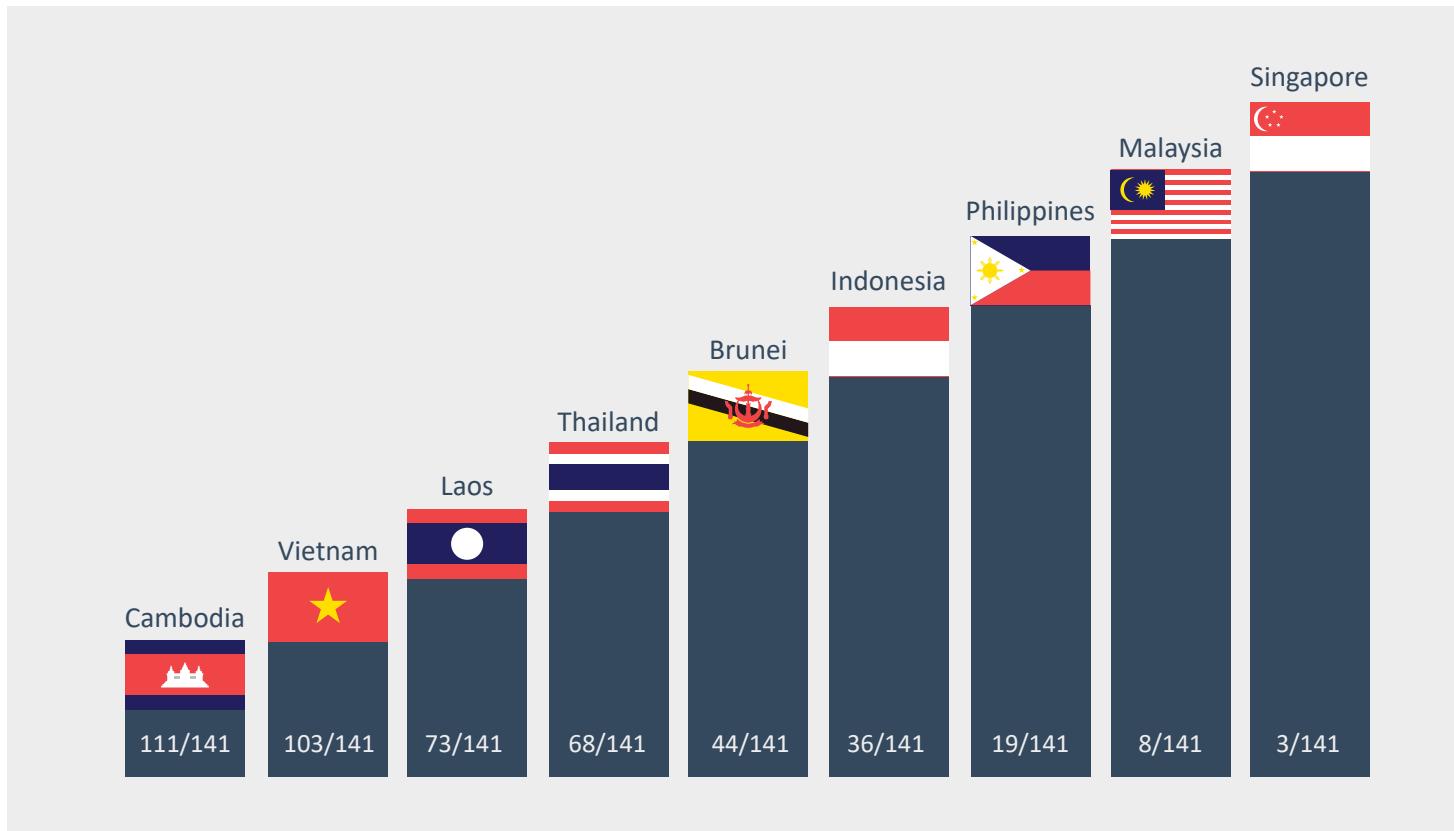
A digitally inclusive society in ASEAN

**DO8**

# Roadmap of the ASEAN Declaration on Human Resources Development for the Changing World of Work

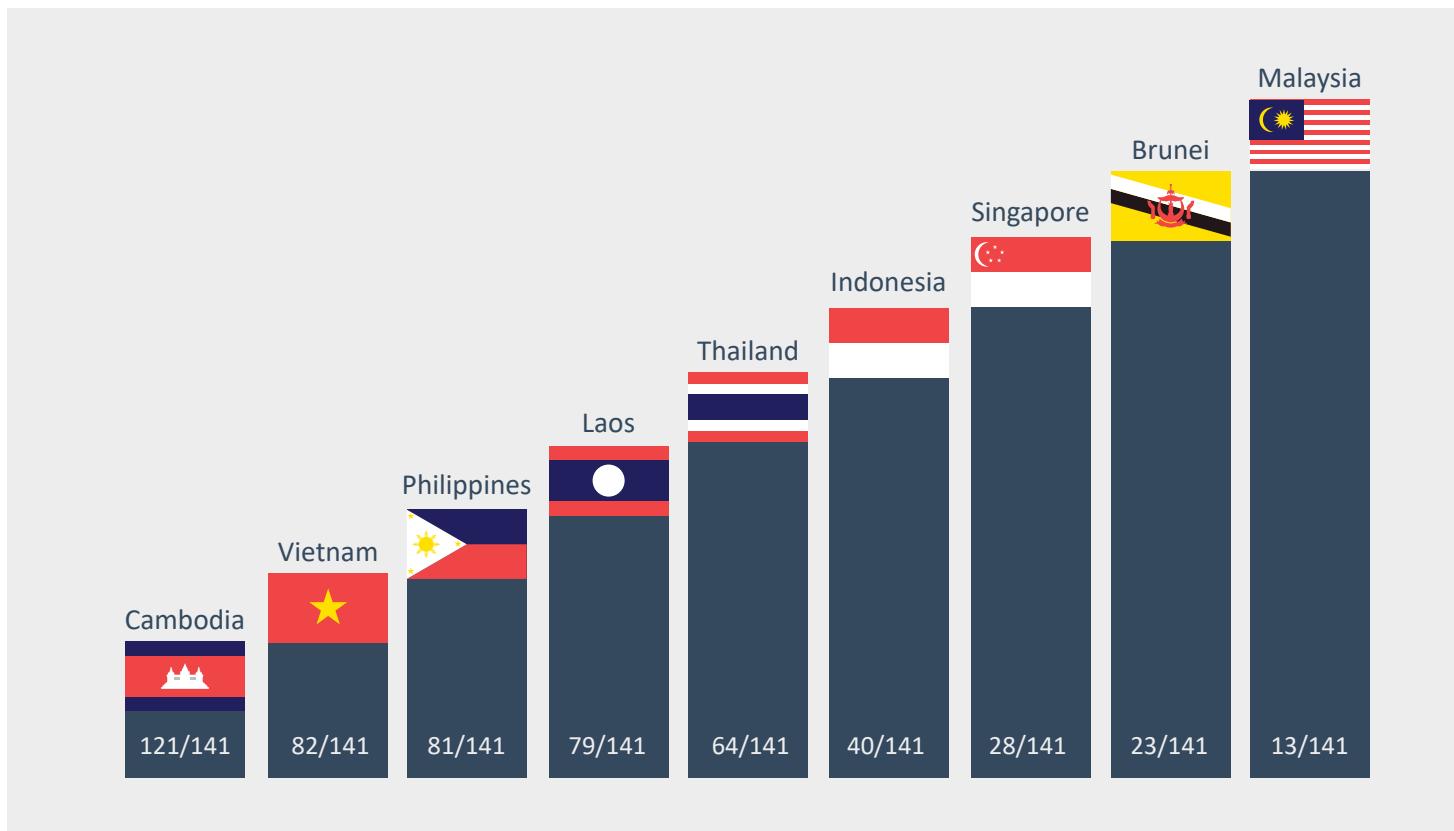


## Skill of Current Workforce (Ranking Among 141 Countries in WEF Survey)



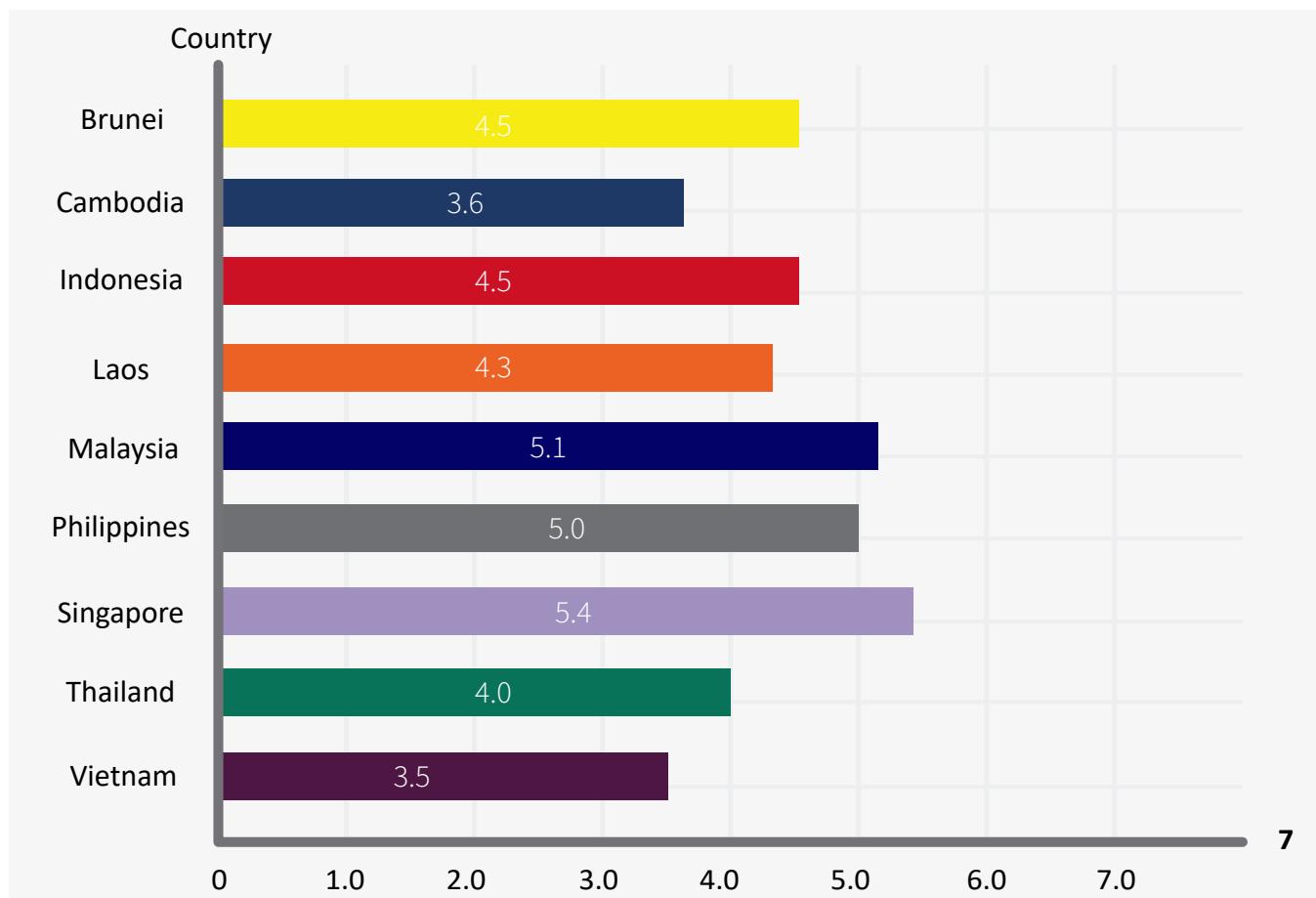
(Source: World Economic Forum)

## Skill of Future Workforce (Ranking Among 141 Countries in WEF Survey)



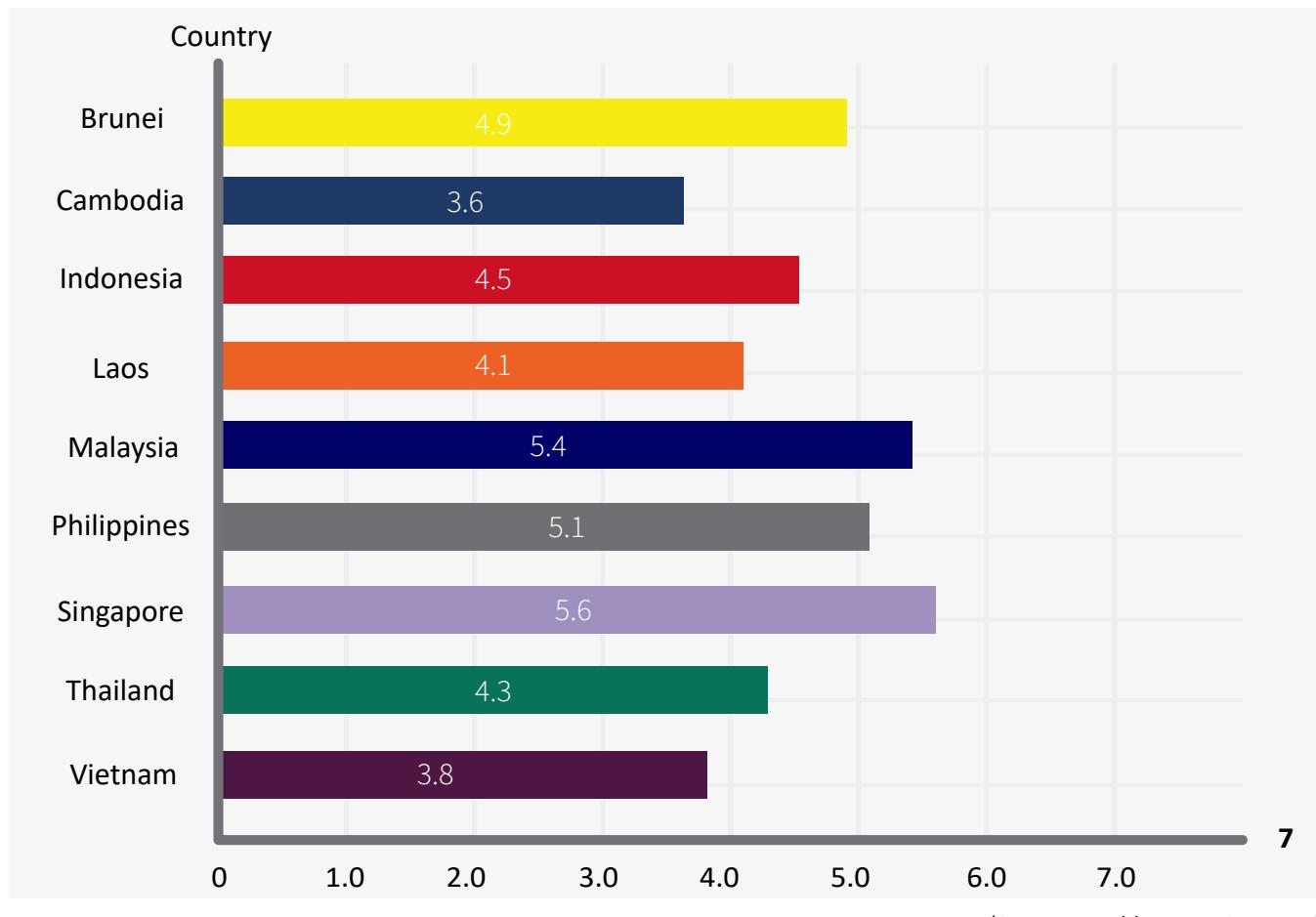
(Source: World Economic Forum)

## Skillset of Graduates (Scoring 1-7 Best)



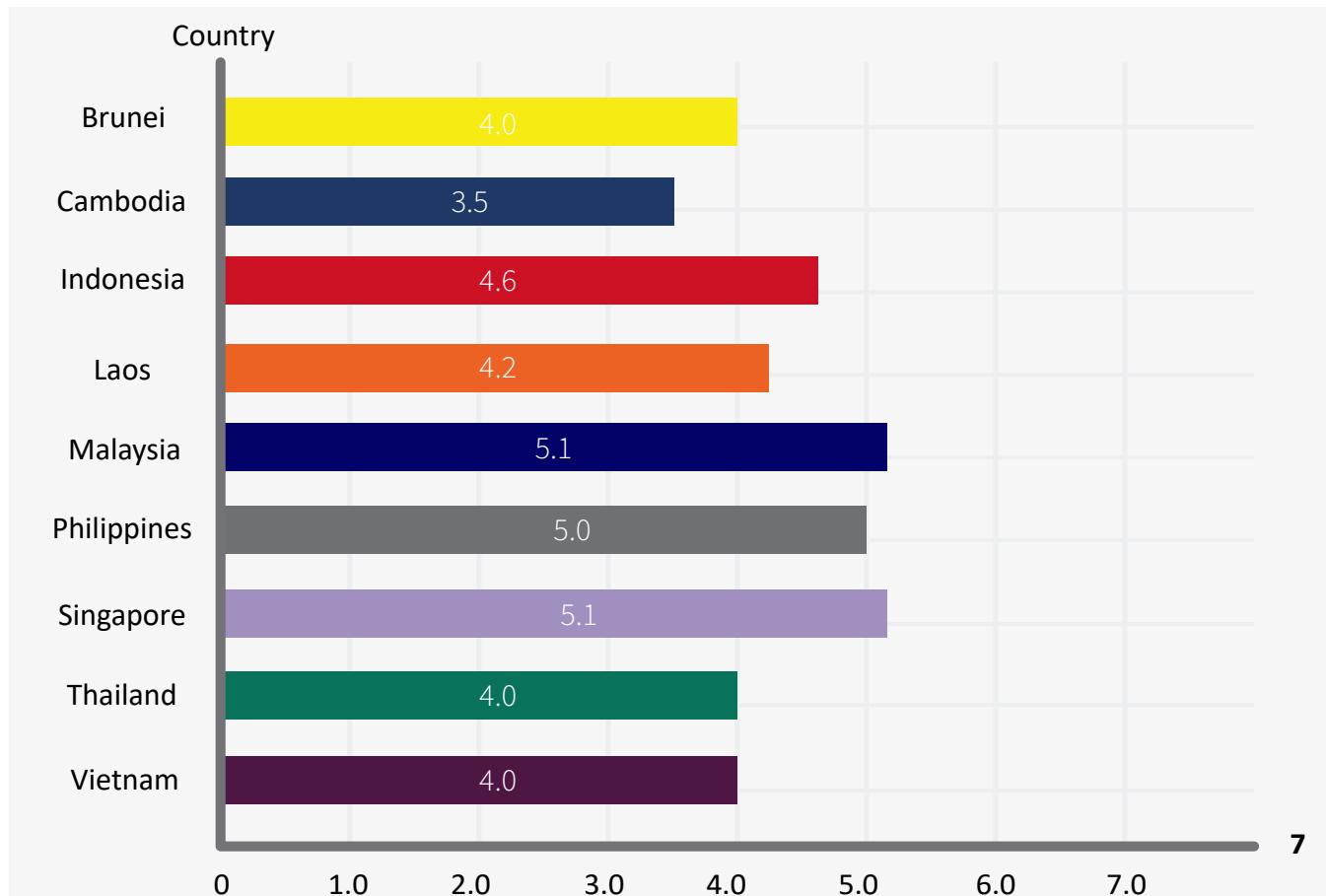
(Source: World Economic Forum)

## Digital Skills Among the Active Population (Scoring 1-7 Best)



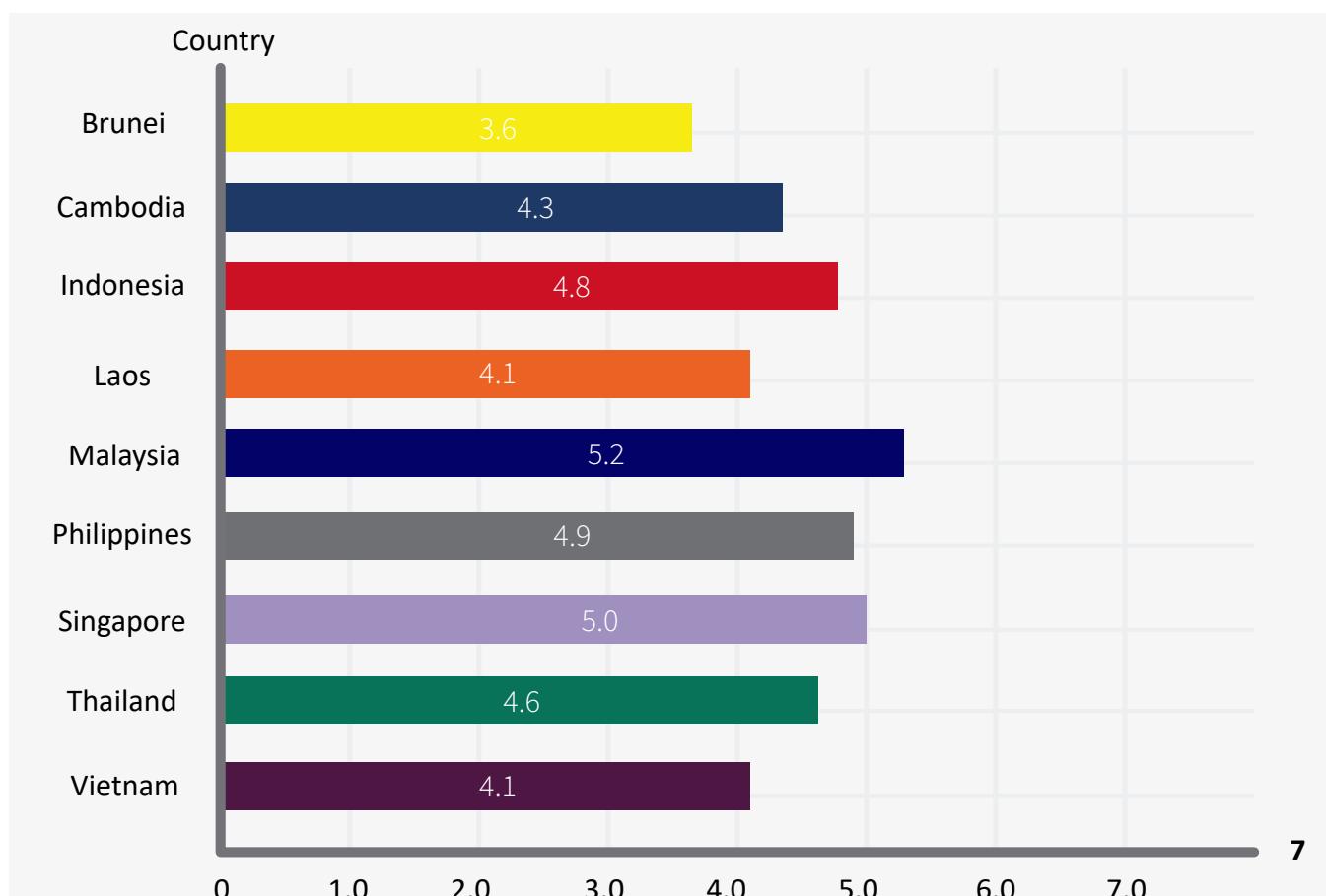
(Source: World Economic Forum)

## Ease of Finding Skilled Employees (Scoring 1-7 Best)



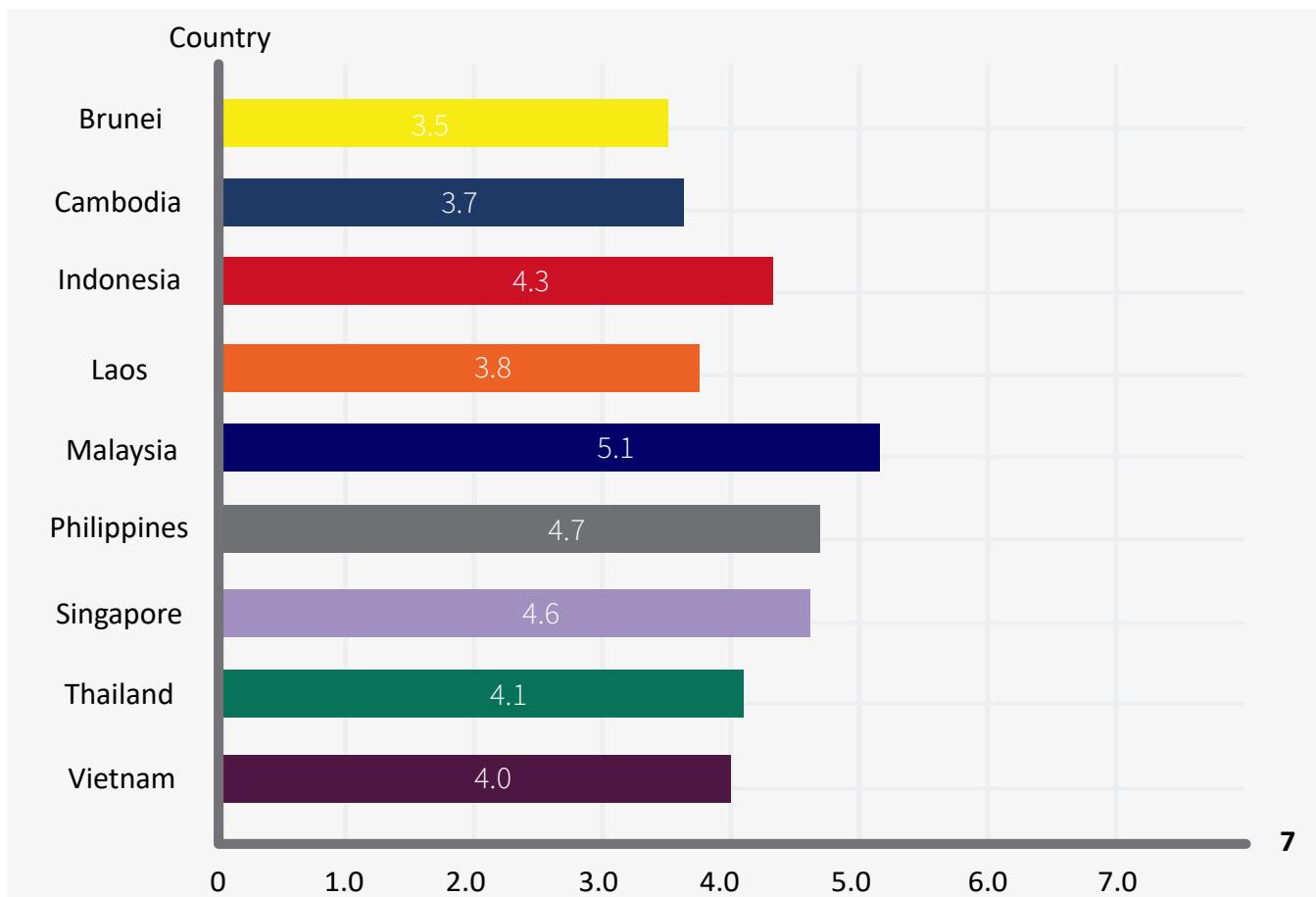
(Source: World Economic Forum)

## Growth of Innovative Companies (Scoring 1-7 Best)



(Source: World Economic Forum)

# Companies Embracing Disruptive Technologies (Scoring 1-7 Best)



(Source: World Economic Forum)

# ► PROGRAM

08:30AM Delegates Take Their Seats at Conference Ballroom

08:30AM Arrival of Distinguished Guests

08:45AM **Arrival of the Guest of Honour**

## OPENING CEREMONY

09:00AM **INTRODUCTORY REMARKS**

Datuk Dr. Abdul Aziz S.A. Kadir, Chairman, Confexhub Group

09:05AM **WELCOME ADDRESS**

Mr. Leslie Loh, CEO, eduCLaaS

09:10AM **INAUGURAL ADDRESS AND LAUNCH OF THAILAND FUTURE SKILLS SUMMIT 2022**

\*H.E. Mr Chaiwut Thanakamanusorn, Minister of Digital Economy and Society, Thailand

09:30AM **SPECIAL ADDRESS: THAILAND'S DIRECTION AND INITIATIVES IN SHAPING FUTURE DIGITAL WORKFORCE**

Dr. Nuttapon Nimmanphatcharin, President/CEO, Digital Economy Promotion Agency (DEPA)

09:50AM Networking & Refreshments Break

## PLENARY ADDRESSES

10:20AM **Plenary Address 1: The Global Digital Skill Gap: Current Trends and Future Directions**

10:50AM **Plenary Address 2: Bridging the Digital Skills Gap through Innovative Learning Solutions**

11:20AM **Plenary Address 3: Deepening Applied Learning Among the Youth for an Era of Disruption**

11:50PM **Plenary Address 4: Implementing Skills Framework for Digital Transformation**

12:20PM Luncheon for Guest Speakers and Delegates

\*This Program is subjected to change and for updated program,  
Program @ 1 July 2022

# ► PROGRAM

## SESSION ONE: TRANSFORMING TALENT DEVELOPMENT ECOSYSTEM

01:20PM	<b>Presentation 1: Development of a Sustainable Learning Ecosystem</b>
01:40PM	<b>Presentation 2: Future-proofing Lifelong Learning Systems: Solutions &amp; Innovative Approaches</b>
02:00PM	<b>Presentation 3: Development of Affordable Learning for Inclusivity</b>
02:20PM	<b>INDUSTRY FORUM 1: CO-FINANCING FOR INCLUSIVE LEARNING DELIVERY</b>
03:05PM	Networking & Refreshments Break

## SESSION TWO: REIMAGINING EDUCATION WITH INNOVATION

03:35PM	<b>Presentation 4: Development of Multi-Disciplinary Talents through Dual Track Applied Learning</b>
03:55PM	<b>Presentation 5: TVET transformation for Industry 4.0</b>
04:15PM	<b>Presentation 6: Flexible &amp; Adaptive Learning: An Emerging Pedogeological Approach</b>
04:35PM	<b>INDUSTRY FORUM 2: NEW TRAINING DELIVERY METHODS FOR 21ST CENTURY EDUCATION</b>
05:20PM	End of Summit

\*This Program is subjected to change and for updated program,  
Program @ 1 July 2022

# REGISTRATION FORM



## COMPLEMENTARY

Title  Mr.  Mrs.  Ms.  Dr.  Others (specify) : \_\_\_\_\_

Name (as per passport)\* \_\_\_\_\_

Name (to be appeared on conference badge) \_\_\_\_\_

Email\* \_\_\_\_\_

Passport No. \_\_\_\_\_ Date of Issue  DD /  MM /  YY

Country of Issue \_\_\_\_\_ Expiry Date  DD /  MM /  YY

Job Title\* \_\_\_\_\_

Company\* \_\_\_\_\_

Address\* \_\_\_\_\_

\_\_\_\_\_

City/State \_\_\_\_\_ Postcode  \_\_\_\_\_

Country \_\_\_\_\_

Telephone\* \_\_\_\_\_ Fax\*  \_\_\_\_\_

Mobile Number\* \_\_\_\_\_

\*(Please include country and area code)

Send the completed form to [conference@confexhub.com](mailto:conference@confexhub.com)

Cambodia Indonesia Malaysia Philippines Thailand Vietnam

**Thailand Future Skills Summit 2022 Secretariat**  
c/o: Confexhub Group

Suite 1707, 17th Floor, Plaza Permata, No. 6, Jalan Kampar, off Jalan Tun Razak, 50400 Kuala Lumpur, Malaysia  
📞 +603 2771 1668   📞 +603 2771 1669   📩 conference@confexhub.com