



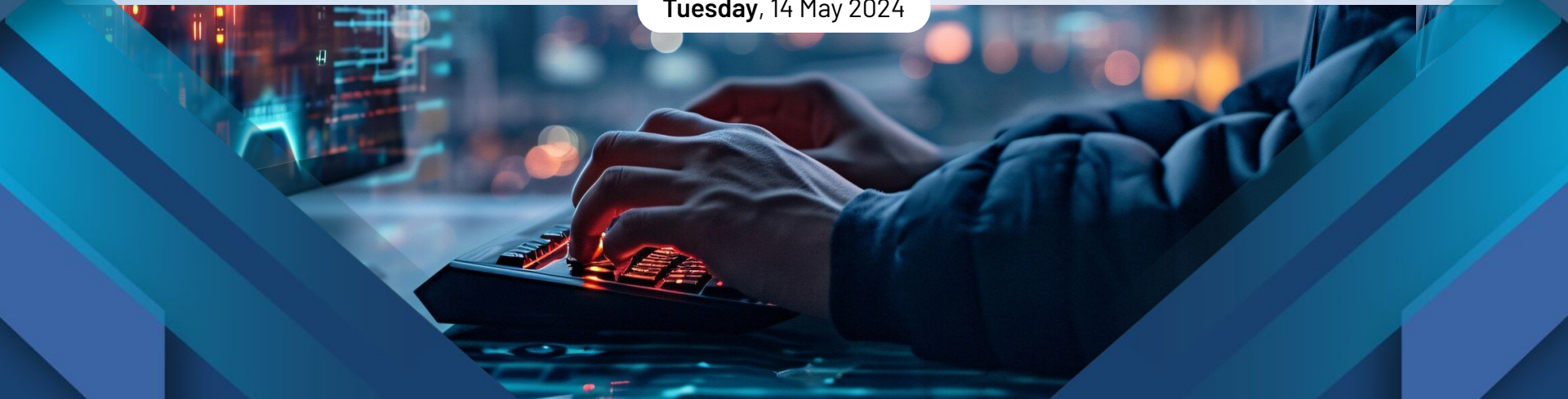
MINISTRY OF COMMUNICATIONS AND INFORMATICS
REPUBLIC OF INDONESIA

Opening Ceremony ITU Global DTC Workshop 2024

Nezar Patria

Vice Minister of Communications and Informatics

Tuesday, 14 May 2024





Global Needs for Digital Talent



149 millions

digital workers are needed by 2025

Top Professions in the Next 5 Years



1 AI & Machine Learning Specialists



2 Robotics Engineers



3 Database Architects



Digital skills are one of the skills that has increasing demand



65%

Jobs requiring skills in AI will increase by 2030

(WEF, 2022; WEF 2023; LinkedIn Economic Graph, 2023)

Current Trends for Digital Talent



85 millions

Jobs will be unfilled by 2030 due to global digital skills shortage



Only 7% of government leaders feel their organization has achieved its digital transformation goals



The challenge of retaining existing digital talent ranks among the top three barriers to improving the delivery of public services.

Digital Triathletes



Digital Strategist

Responsive towards market trends



Digital Innovator

Drive innovation based on data













Digital Driver

Initiate strategic collaboration


(WEF, 2023; EY, 2023)




Countries Strategies in Facing Digital Talent Gap

 Vietnam	 China	 Singapore
<p>Released the National Digital Transformation Programme by 2025 With a Vision Towards 2030 to develop a digital government and establish a digital society</p> <p>The Vietnamese Government collaborate with Google to launch Google Career Certificate & Google Startups - Startup Academy Vietnam to provide training programs for students and mid-career professionals</p> <p>(Griffith Asia Institute, 2023; Hanoi Times, 2022)</p>	<p>Launched a three-year plan to build and overcome shortage of digital workers</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="705 311 1014 436">  <p>Fostering digital competence at schools</p> </div> <div data-bbox="1014 311 1294 436">  <p>Promoting digital literacy</p> </div> </div> <div style="display: flex; justify-content: space-around;"> <div data-bbox="705 436 1014 578">  <p>Accelerating digital transformation in businesses</p> </div> <div data-bbox="1014 436 1294 578">  <p>Creating inclusive digital public services</p> </div> </div> <p>(Global Times, 2024; South China Morning Post, 2024)</p>	<p>Several existing upskilling programs managed by the Singaporean government bodies, including:</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1323 333 1535 475">  <p>WSG Workforce Singapore</p> </div> <div data-bbox="1555 333 1845 398"> <p>Career Conversion Programmes (CCP) for Individuals</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1323 409 1535 475">  <p>Infocomm Media Development Authority</p> </div> <div data-bbox="1555 409 1845 475"> <p>SG Digital Young Leaders</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1323 485 1535 551">  <p>GovTech Singapore</p> </div> <div data-bbox="1555 485 1845 551"> <p>Technology Associate Programme</p> </div> </div> <p>(GovTech Singapore, 2024.; IMDA, 2024; WSG Singapore, 2023)</p>


Global Initiatives for Advancing Digital Skills




Decent Jobs for Youth is a worldwide alliance committed to creating quality jobs for young people.




Alliance



Action




Knowledge



Resources

In the areas of digital skills, ITU and ILO, are leading the Digital Skills Thematic Priority of Decent Jobs for Youth through the Digital Skills Toolkit as a knowledge resource of Decent Jobs for Youth.



Under Global Initiative on Decent Jobs for Youth, ITU and ILO initiates the Digital Skills Campaign to equip young people, both those in and out of school, with digital skills.

Actions:

- Evidence-based policies and digital skills development interventions at national level.
- Incorporating digital skills training programmes in digital transformation strategies
- Equipping the next generation with digital skills, especially young women.
- Rapid skills development (IoT, Big Data, Coding)



The Indonesia Digital Vision 2045 (VID) is one of the holistic alternative roadmaps, proposed by the Ministry of Communications and Informatics. VID is materialized through 8 Imperative Strategies aiming to create an Indonesia with a modern digital government, an innovative digital economy, and a digital society. There are at least 2 strategies related to HR development, namely:

Mastery of future digital technology based on research and innovation to strengthen sustainable economic, social, and governance

Development of innovation hubs and makerspaces

aiming to stimulate the growth of innovation and creative solutions by connecting various stakeholders, including the community, to collaborate.

Enhancing domestic and international research networks as well as research capabilities

by providing incentives for individuals, universities, and organizations involved in research and development of digital technology solutions.

Digitalization of the economic sector will drive business growth, new job creation, market expansion, and business empowerment, especially in the e-commerce sector.

Formation of a digital society that is cultured, competitive, and productive in facing future challenges

Accelerating the digital skills and literacy of workforce, the general public as well as governmental officials shall be done through **upskilling and reskilling efforts** which can be achieved through the following programs:

- Providing and expanding **access to up-to-date soft and hard skills training and certification**; organizing Massive Open Online Courses; and updating digital-related job occupation maps.
- Providing various programs in the form of **scholarships or digital training assistance** aimed at students, teaching staff, professionals, and government officials.

Encouraging **active participation of stakeholders** including universities, educational institutions, digital industry players, global tech companies, and international/foreign institutions to increase labor absorption and provide further work opportunities



MINISTRY OF COMMUNICATIONS AND INFORMATICS
REPUBLIC OF INDONESIA

Thank You

Ministry of Communications and Informatics
of the Republic of Indonesia

CONNECTED INDONESIA

The More Digital, The More Prosperous

Jl. Medan Merdeka Barat No. 9,
Central Jakarta 10110
www.kominfo.go.id



@kemkominfo |



@kemkominfo |



@kemenkominfo

