Background

Access to education and skills development is a fundamental human rights and an indispensable prerequisite for Decent Work. While technical and vocational education and training (TVET) has been improving in Indonesia, regional disparities in the access to and the quality of TVET still remain as a challenge. In fact, Indonesia’s geography, the world largest archipelago, militates against the cost-effective and equitable delivery of TVET in rural and remote areas. While the Java is relatively densely populated, the access to quality training in rural areas is still limited; let alone outside the Java.

Today’s technologies provide a viable answer to geographic divide in the access to TVET. Digital/distance learning reduces the cost of TVET in rural areas and assure the same quality learning experiences in both urban and rural areas. The current pace of increase in the number of Internet users and diffusion of smart phones in Indonesia indicates that harnessing technologies in TVET is within the reach. Indeed, though traditional classroom teaching is still the mainstream modality of learning, learning online is rapidly becoming a part of learning practices of younger generations. Countries with large territories strategically use distance learning to skill their rural population. A similar strategy could be considered in Indonesia.

Provision of digital/distance learning in Indonesia is on a clear upward trend. Many public and private education and training providers have developed online courses and learning platforms such as Rumah Belajar by the Ministry of Education and Culture, MOOC of Universitas Terbuka, Bina Nusantara University’s online learning courses, Ruang Guru, Hactiv8 and many others. Public vocational training centers (BLKs) pilot blended learning. Telecommunication and mobile internet providers also support digital/distance learning with the opening of, for example, Indosat Ooredo’s CREATE Cyberschool and XL E-learning.
Yet, technologies alone do not solve the challenges in skills development in rural areas. In fact, massive open online course (MOOC) faces various challenges. Data provided by Coursera and edX shows that, while over 25 million people around the world have enrolled in their courses over the last few years, just 4% of those users continued and completed subscribed courses. In Australia, online vocational education and training experiences higher student withdrawal rates and lower course completion rate. Turning to Indonesia, Ruang Guru, one of the largest digital learning platform in Indonesia, has served more than 6 million students in their learning experiences. The coverage is around 6.7% of formal students in Indonesia; and the impact of online learning is subject to future research. While expansion in online learning is in view, digital infrastructure in Indonesia is unevenly developed and still relatively unreliable in some parts of the country. Digital literacy on how to reap the potential benefits of using Internet, beyond using social media and networks, is yet another challenge in Indonesia.

Benefits of digital/distance learning, however, may not be realized and reaped to its full potential if right policies are not in place to address challenges in an adequate manner and support the development. In this light, policy discussions on digital/distance learning are necessary in Indonesia. The ILO will therefore organize a workshop in collaboration with the Ministry of National Development Planning (Bappenas) to discuss the future of learning in Indonesia. The event is organized with the funding support of the government of Japan and technical support of the government of Australia.

One of the strategic areas of ILO’s technical assistance in Indonesia is skills development. The ILO collaborates with the government, social partners and other stakeholders in order to improve the skills development system and its employment outcomes through: deepening industry-TVET collaboration; promotion of e-/distance learning; and improving the access of girls and women to skills development and Decent Work. This workshop is part of ILO’s contribution to Indonesia’s efforts to develop skills, a top priority of the government.

Objectives

- Inform national discussions by sharing experiences of Australia and the Philippines
- Understand the successes and challenges, as well as benefits and potentials of digital/distance learning in Indonesia
- Deepen policy dialogue on the strategic use of advanced technologies in quality skills development
- Generate inputs for the National TVET Strategy by identifying the best way forward for promoting digital/distance learning in Indonesia

The findings and recommendations from this seminar will be summarized and used to inform and enrich the National VET Strategy of the Government of Indonesia.

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1. qs.com/moocs-are-benefiting-who [Accessed 01 November 2019].
**Date and venue**

Date: Wednesday, December 18\textsuperscript{th} 2019  
Time: 08.00 – 16.00  
Venue: Pullman Thamrin Hotel, Jl. M. H. Thamrin, Central Jakarta, Jakarta, Indonesia

**Agenda**

The event will consist of presentation, a talk show, group work, and a policy discussion; and will showcase exhibitions from online/distance learning providers. The event will be hosted by a professional MC and the talk show will be moderated by a professional moderator. Simultaneous interpretation (English and Bahasa Indonesia) will be provided.

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08.30 – 09.00</td>
<td>Registration and morning refreshment</td>
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| 09.00 – 09.10 | Opening Remarks and Opening of the Workshop –  
*Director General for Population and Employment, Mr. Drs. Pungky Sumadi, MCP, Ph.D* | Ministry of National Development Planning/Bappenas |
| 09.10 – 09.20 | Opening Remarks – *Mr. Tadayuki Miyashita, Minister, Embassy of Japan in Indonesia* | Embassy of Japan                              |
| 09.20 – 09.30 | Opening Remarks – *Country Director of ILO Indonesia and Timor Leste, Michiko Miyamoto* | ILO                                           |
| 09.30 – 09.40 | Coffee/tea break                                                         |                                               |
| 09.40 – 09.50 | Introduction to the programme  
Background and objective of the workshop  
*Programme Officer of ILO Indonesia on Digital and Distance Learning, Hirania Wiryasti* | ILO                                           |
| 09.50 – 10.45 | Sharing experiences of distance learning in Australia  
- How does distance learning operate and deliver TVET in rural areas?  
- Impact assessment of distance learning and lessons learned  
Resource persons: *Partricia Sweeney Fawcett, Workforce Development Coordinator – VET Education Innovation, Charles Darwin University; Mr. Phil Loveder, Director of International and acting Manager of Research and Data; Dr. Tabatha Griffin, Senior Research Officer.* | Resource persons and moderator |
| 10.45 – 11.45 | Talk show on digital/distance learning in Indonesia: achievements, challenges and future plans  
- *M. Hasan Chabibie,*  
Kepala bidang Pengembangan Teknologi Pembelajaran Berbasis Multimedia dan Web,  
Rumah Belajar, Ministry of Education and Culture  
- *Brad Kerr,*  
Business Development and Digital Programs Executive, LabTech (vocational training via cloud)  
- *Adilla Inda Diningsih,* | Resource persons and moderator |
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<th>Time</th>
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<th>Resource Persons</th>
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<tr>
<td>11.45 – 12.15</td>
<td>Sharing experiences of distance learning in the Philippines</td>
<td>Resource persons from TESDA</td>
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<td>- Policies and public investment to promote e-learning, a case of the</td>
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<td>Technical Education and Skills Development Authority</td>
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<td>Resource person: Redilyn C. Agub (Ms), Chief TESD Specialist, eTESDA</td>
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<td>Division, National Institute for Technical Education and Skills</td>
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<td>Development of the Philippines</td>
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<td>12.15 – 13.30</td>
<td>Lunch</td>
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<td>13.30 – 14.30</td>
<td>Policy dialogue (panel discussion) on the future of learning and</td>
<td>Resource Persons &amp; facilitators</td>
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<td>strategic use of technologies in delivering quality skills</td>
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<td>development, especially in rural areas</td>
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<td></td>
<td>- Bambang Satrio Lelono,</td>
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<td>Director General of Training and Productivity, Ministry of Manpower</td>
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<td>- Taufik Madjid,</td>
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<td>Director General of Development and</td>
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<td>Empowerment of Village Community, Ministry of Villages, Development</td>
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<td>of Disadvantaged Regions, and Transmigration</td>
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<td>- Ir. Hendarman, M.Sc., Ph.D, Head of Analysis and Policy</td>
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<td>Synchronization Center, Ministry of Education and Culture and</td>
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<td>Higher Education:</td>
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<td>- Amirul Chusni,</td>
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<td>Employment Division, KADIN/Chamber of Commerce of Indonesia</td>
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<td>- Markus S. Sidauruk, Deputy President of KSBSI (Trade Union)</td>
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<td>14.30 – 14.45</td>
<td>Afternoon coffee/tea break</td>
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<td>14.45 – 15.50</td>
<td>Discussion session, to gather inputs toward the policies,</td>
<td>Resource persons &amp; Moderator</td>
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<td>using interactive way:</td>
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<td></td>
<td>1. Infrastructure for distance learning</td>
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<td>2. Reducing urban-rural digital divide, delivery of digital</td>
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<td>training in rural areas</td>
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<td>3. Overcoming disadvantages of learning at home, keeping</td>
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<td>motivation, interaction with instructors and monitoring</td>
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<td>progress</td>
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<td>4. Quality assurance of distance learning programmes</td>
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<td>5. Value and recognition of certificates of distance learning</td>
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Summary and Closing remarks:
Australian Embassy in Indonesia
Director of Manpower and Expansion of Employment Opportunities

Information booth
The ILO will provide information booths to selected partners who disseminate relevant information on the topic. Confirmed partners:

- Rumah Belajar
- Ruang Guru
- Google
- Microsoft
- LabTech
- ILO

Target audience
The event will invite 150 – 200 participants including:

I. Ministry/Government Institution
   1. Ministry of National Development Planning/BAPPENAS;
   2. Coordinating Ministry for Economic Affairs;
   3. Ministry of Manpower;
   4. Ministry of Education and Culture and Higher Education and Rumah Belajar;
   5. Ministry of Villages, Development of Disadvantaged Regions and Transmigration;
   6. Ministry of Communication and Information
   7. Coordinating Ministry for Human Development and Cultural Affairs
   8. BNSP
   9. BBPLK Bekasi

II. Industry/Enterprise/Social Enterprise
    10. KADIN
    11. APINDO
    12. Ruang Guru
    13. LabTech
    14. Sekolah Pintar
    15. Kelas Kita
    16. Hactiv8
    17. Pintaar
    18. Tech in Asia
    19. Student Job
    20. Rencanamu
    21. Google for Education
    22. Microsoft
    23. Indosat Ooredo’s CREATE Cyberschool
    24. XL E-learning.
III. Trade Unions
26. Ketua Konfederasi Serikat Pekerja Seluruh Indonesia (K-SPSI) Rekonsiliasi
27. Ketua Konfederasi Serikat Pekerja Seluruh Indonesia (K-SPSI)
28. Ketua Konfederasi Serikat Pekerja Indonesia (K-SPI)
29. Ketua Konfederasi Serikat Buruh Seluruh Indonesia (K-SBSI)
30. Ketua Serikat Buruh Muslim Indonesia (SARBUMUSI)
31. Ketua Konfederasi Serikat Pekerja Nasional (KSPN)
32. Ketua Persatuan Guru Republik Indonesia

IV. Education, Research and Higher Education
33. Rektor Universitas Atmajaya
34. Rektor Universitas Negeri Jakarta
35. Rektor Universitas Bina Nusantara
36. Kepala Online Learning Universitas Bina Nusantara
37. Rektor Universitas Indonesia
38. Direktur Program Pendidikan Vokasi UI
39. Kepala Digital Library and Distance Learning, Fasilkom UI
40. Rektor Universitas Terbuka
41. Kepala MOOC Universitas Terbuka
42. Rektor UGM
43. Kepala Center for Digital Society, UGM
44. Direktur PPM Center for Human Capital
45. Pimpinan SMERU Research Institute

V. Donor dan Representatives of Foreign States
46. Duta Besar Kedutaan Jepang
47. Counselor, DFAT Kedutaan Besar Australia
48. Wakil Direktur, Kedutaan Besar Australia
49. Duta Besar Kedutaan Kerajaan Inggris
50. Duta Besar Kedutaan Kerajaan Belanda
51. Duta Besar Kedutaan Selandia Baru
52. Duta Besar Kedutaan Kanada
53. Head of Mission, European Commission
54. Head of Swiss Cooperation, Kedutaan Besar Switzerland
55. Education Office, USAID
56. JICA
57. GIZ
58. World Bank
59. ADB
60. IDB
61. J.P. Morgan
62. Uniqlo
63. UN Women
64. UNDP
65. UNESCO
66. UNHCR
67. UNICEF
68. ITU
69. UNCT
VI. Organisation working in Education and Employment
70. MITRA KUNCI
71. YouthWin Through Economic Participation
72. Indonesia Ready-to-Work Accelerator Program
73. KOMPAK
74. Association for Swiss International Technical Cooperation
75. S4C Skills for Competitiveness – Swiss Contact
76. Indonesia Business Coalition for Women Empowerment
77. Aliansi Remaja Indonesia
78. Yayasan Plan Indonesia
79. Yayasan Sayangi Tunas Cilik
80. Yayasan Cinta Anak Bangsa
81. Dompet Dhuafa, Institut Kemandirian
82. Rajawali Foundation
83. Indonesia Business Link

VII. Representatives and Organisation of Women and Other Marginalized Groups
84. Diffago
85. Dare
86. Wahana Inklusif
87. Pusat Pengembangan Sumber Daya Wanita
88. Institute for Women’s Alternative Education (KAPAL Perempuan)
89. The Eastern Indonesia Knowledge Exchange (BAKTI) Foundation
90. Women-Headed Family Empowerment (PEKKA) Foundation
91. Indonesia Foundation for Rural Capacity Building (BITRA)

VIII. Media

IX. Students and Public