

REGIONAL CONFERENCE ON FOURTH INDUSTRIAL REVOLUTION – NEW AND EMERGING TECHNOLOGIES IN ACHIEVING SUSTAINABLE DEVELOPMENT GOALS

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Key Recommendations and Way Forward

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Key Recommendations and Way Forward

- 4th Industrial Revolution is driven by innovation and disruptive technologies. Policies that focus on “**Human Capital**” and promotes investments in human resources are the real game changers
- Traditional jobs will see a decline. However, new innovations will create millions of new jobs. Trained human resources is key to tap the 4IR potential and investing in **high quality vocational education** focusing on 4IR technologies is critical

Key Recommendations and Way Forward

- Attracting young people to consider 4IR as career requires several policy interventions: **creating excellent, affordable and reliable broadband infrastructure**; institutions that can **build skills and ensure stable careers**, conducive **ecosystem that nurtures startups and make them competitive** and **identifies demand and able to match with supply** in a timely manner.
- The innovation ecosystem also must support R&D and skill building in critical areas such as IoT, BigData, Machine Learning, Additive Manufacturing, AI and 3D Printing. R&D must focus on both **core 4IR themes as well as its applications** in specific sectors

Key Recommendations and Way Forward

- Need to launch an **Asia-Pacific Regional ICT Knowledge Network for 4IR Technologies (APRIKNET-4IR)**
- **NICT, Japan** could be the knowledge partner with Malaysia and other Countries in the Asia Pacific Region to be members and knowledge partners
- APRIKNET-4IR could support **collaborative R&D projects, cross-border study visits** and **provide a platform for policy makers, R&D scientists and private sector** to interact with each other and support the 4IR ecosystem in general

Key Recommendations and Way Forward

- **Asian and Pacific Centre for Transfer of Technology (APCTT) of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) could develop a blue print for APRIKNET-4IR**
- **An Expert Group Meeting (EGM) followed by consultations with APCTT's Governing Council members, our partners such as NICT Japan and 4IR related institutions in member States such as MIMOS Berhad, Institute of Systems Rheology, Guangzhou University and launch it in 2019 if the proposal is endorsed in APCTT's Governing Council.**

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