KOMINFO

Welcome Remark

by

Minister of Communication and Information Technology

ITU Regional Training on "Planning for IoT Networks"

25 – 28 September 2018

Bandung, Indonesia

Dr. Syed Ismail Shah, ITU Area Representative for Southeast Asia and other Member States in Asia and the Pasific,

Dr. Ismail, Director General of Resource Management And Equipment Standard Of Post and Information Technology,

Mr Mochamad Hadiyana, Director of Standardization

Distinguished Speakers, Distinguised participant, Ladies and Gentlemen,

Assalamualaikum warahmatullahi wa barokatuh, selamat pagi, good morning.

I am very pleased to welcome you all to this beautiful city Bandung, for attending this Regional Training on Planning for IoT Networks which is co-organized by Ministry of Communication and Information Technology of Indonesia and International Telecommunication Union (ITU).

Distinguished Guests, Ladies and Gentlemen,

We are now entering the era of digital revolution, the fourth era of industrial revolution. If we look back in time, the first industrial revolution was marked by the invention of steam engine. The second industrial revolution was a period of growth for pre-existing industries and electricity. While the third industrial revolution refers to the advancement

of technology from analog electronic and mechanical devices to the digital technology available today.

The fourth industrial revolution represents new ways in which technology becomes embedded within societies. In this phase, digital services have influenced our ways in taking decisions, our ways in interacting with people, and the boosting new numbers of emerging business which embrace efficiency and innovation.

We observe that there are two major driving factors of Digital Revolution; the growth of cellphones and Internet of Things. Nowadays, cellphones have been the most important device to access the internet. The world's majority of online traffic today comes from cellphones. As the existence of Internet of Things (IoT), citing from Statista, online statistical data provider company from Germany, in 2016, nearly 18 billion internet-based devices are connected which have created innovative concepts such as smart homes.

Most countries acknowledge that the role of ICT, including IoT is very import part and to be the one of the success factors for promoting development. The role of ICT has proved great achievements in increasing progress not only in economic but also in politic and social development. Like other countries, Indonesia has also carried out many efforts to promote ICT for the welfare of all people. Having these objectives in mind, MCIT realizes that ICT standardization policy and planning are one of the important effort for our national ICT development.

From the agenda, we can see that there will be some topics related to IoT such as network planning, roadmap, technology, standardization, security and application which is very important for us to implement soon. I believe that this training will provide useful information for all of us here.

I hope that from this training, we will also have more opportunities to share experiences.

Thank you for your kind attention. Now I would like to welcome you to Indonesia and enjoy the beautiful city of Bandung.

Thank you.

Bandung, 25 September 2018.

RUDIANTARA

Ministry of Communication and Information Technology.