

Distinguished Secretary General, Dear colleagues, good afternoon!

I am WANG Yapeng from China Academy of Information and Communication Technology, a research institution affiliated to Ministry of Industry and Information Technology. First, we would like to extend our appreciation to APT for providing the online platform for APT members to communicate with each other during this difficult time when COVID-19 is spreading across the world. It is very necessary for us to discuss how to use digital technologies to respond to the pandemic.

During COVID-19, ICT is playing a very important role in responding to the pandemic and there are several cases how digital technology to respond to pandemic, such as Material Dispatching Platform, Statistics platform, Case tracking & modeling and so on. Here, I'd like to share three typical cases in China which have been introduced by H.E. Mr. Miao Wei, Minister of MIIT during Extraordinary G20 Digital Economy Ministerial Meeting

The first one is about agriculture. On January 23, Wuhan was locked down. As you may know, Wuhan is a city with a population of over 10million. Due to the lockdown, all the citizens had to stay at home, but their daily supplies must be guaranteed. We relied on the ecommerce and the volunteers to deliver the essential supplies to the homes of the people in need. January and February are also the months of harvest for the agricultural and sideline products. How to deliver those products out of Hubei Province. That was also a big challenge we encountered. The local government relied on ecommerce platforms and logistics companies to deliver the agriculture and sideline products to the homes of the Chinese people across the country.

The second case is about education. The Chinese students have spent their longest holidays this year. China has over 270 million students from elementary, secondary and higher-learning institutes. With a sudden outbreak of the pandemic, we have followed the principle of continuous learning even when the schools are closed. We have used various classrooms such as classrooms over the air, digital classrooms and online schools, to help the students keep learning.

The 3rd case is about health. The confirmed cases are increasing and the detection technologies are developing. CT scan will generate over 300 images for one patient. Even for the senior medical professionals, it would be very difficult to read all the images and make diagnosis in a very short time. We have adopted the AI technologies to assist reading images and making diagnosis. In the past, it would take a senior expert 10 to 15 minutes to read these images. Now with AI, we can complete the reading in two or three seconds, with the accuracy also greatly improved.

By talking about those three cases, we are willing to share with you our experiences and practices in responding to COVID-19. CAICT, as the think-tank of MIIT, has

been doing a lot of research on use of ICTs to respond to COVID-19 and providing strong support to the government. CAICT took an active part in the webinar hosted by ITU and shared related information on the REG4COVID platform (<http://www.caict.ac.cn/english/research/covid19/>). We stand ready to enhance communication and exchanges with APT members and share the solutions in using digital technologies and solutions to fight COVID-19.

Finally, we hope everyone stay safe and healthy and we shall meet soon.

Thank you!