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Hello everyone. We were very impressed by the speech of the Secretary-General of La Francophonie. After a lively discussion about the complementarity of the French and Anglo-Saxon cultures, we decided to speak French and English. Welcome to this session on the digital world after the pandemic. First, I would like to thank Thierry de Montbrial and the Emirate's officials for organizing this magnificent conference.

We are going to talk about something all of us care about: the digital world after the pandemic. I think we all remember what happened on September 11, 2001, and I think most of us will remember what happened in March 2020. I was traveling and listened to President Macron's speech. In 24 hours, I had to bring my family home and get myself organized. We experienced the trauma of having to change our pace of life and our lives overnight. Humans adapt, but this new situation is very chaotic.

Meanwhile, an unprecedented technological revolution has been taking place for a few years. For those who know a bit about computers, a few years ago we had Moore's laws, i.e. computing power doubled every 18 months. Today the power multiplication rate is 10,000 to 1 million over 10 years, including in the technology field: microchips – if they can be found at all – sensors, cameras with embedded electronics and intelligence, edge computing and the cloud will boom. The second thing is transmissions. 5G will cut latency times by 100 or 500 and reach speeds of several GigaB per second. Lastly, computer software will be able to correlate data and make them relevant.

When you add the impact of the pandemic to the technological revolution, there is a culture shock and the virtuous circle of innovation is quite easy to understand. Technology changes uses, uses change business models and business models change investments in technology. This process was relatively slow but now it is speeding up.

Many of our living patterns have changed. We have all experienced that. We have swapped our offices for home. technology has allowed companies like Accenture, which employs 600,000 people, to continue operating. This is called a change of use.

But of course there are collateral effects. If we do not go to the office anymore, there is no more cafeteria, no more office services, no more transportation. There is nobody left in shopping malls and restaurants. So a whole section of the economy has flatlined, while other parts, such as entertainment or e-commerce, have absolutely boomed.

Lastly, in our jargon, and I hope you will forgive the expression, we have the emergence of "fat fingers". Fat fingers is an unflattering term, but it represents the 14% of people, for example in France, who were not used to technology – either digital novices or elderly people



who had no tablet or smartphone. Suddenly, they had access to services and were able to order their meals or move around, if they could. This has completely shaken up the established order.

We could talk about all this for days, so we are going to focus on some things we have chosen among ourselves. The first is the human impact. We are also going to discuss new forms of warfare with cybersecurity, and the need for global governance. Of course, we will talk about what makes the world go round – payments, money and how that is happening. And lastly, we will discuss the impact on data validity, GDPR, as well as the token economy.

To do that, we have an outstanding panel: Benoît Cœuré, head of BIS Innovation Hub and a former member of the ECB's Executive Board; Agnès Touraine, former CEO of Vivendi Universal Publishing, now senior advisor at McKinsey, a board member of several major corporations and she chaired IDATE's 5G commission; Jean-Louis Gergorin, senior lecturer at Sciences Po and owner of JLG Strategy, an aerospace and cybersecurity consultancy, who will speak to us by video; my friend Carlos Moreira, founder, chairman and CEO of WISeKey and former United Nations cybersecurity expert; Patrick Nicolet, founder and partner of Line Break Capital and former CTO of Capgemini; and Kazuto Suzuki, distinguished and highly regarded professor of science and technology, especially policy matters, at the University of Tokyo's Graduate School of Public Policy.