The Republic of Korea (ROK) has been lauded for its success in flattening its COVID-19 curve. Peaking at 909 new infections on 29 February, the country was able to bring the spread of the virus under control and now has one of the world's lowest fatality rates. The government’s policy of testing, tracing and treating infections, without resorting to draconian measures as locking down cities, has helped the country turn the tide on the COVID-19 pandemic. Digital technologies have emerged as ROK's effective tools to combat the spread and impact of COVID-19. ROK's experience in leveraging ICTs to combat COVID-19 offers valuable lessons to countries in Asia and the Pacific on how to respond to the pandemic. The webinar will impart to the ESCAP community ROK's policies and practices in using digital technologies to fight COVID-19. It will also provide a platform for dialogue on challenges that other countries may encounter in implementing ICT-based solutions to fight the pandemic.