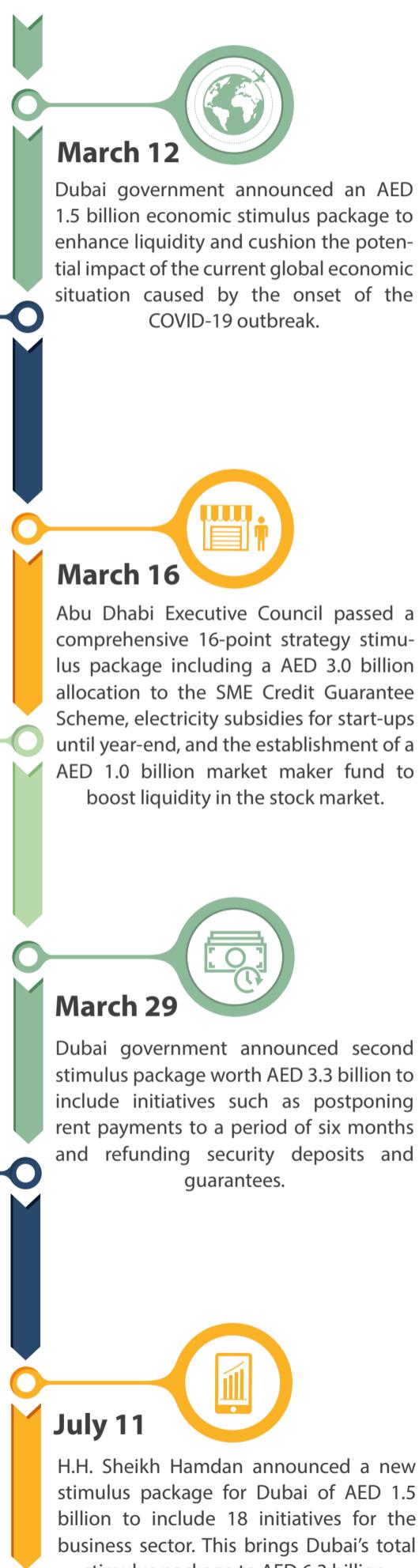




United Arab Emirates

Focusing on innovative technologies in its pandemic fight

- To date, the United Arab Emirates (UAE) has announced numerous targeted stimulus packages for its pandemic response.



- In UAE, the coronavirus outbreak has led to a series of new or repurposed innovations, as companies and research labs have sought to develop products that can help contain the spread of the infection.

Innovative Ways The UAE Government Has Tackled The Coronavirus



Touchless keypad for elevators

Already employed at Abu Dhabi International Airport, the technology uses infra-red sensors to detect fingers when they are 3cm away. The user simply puts his or her finger close to the button without touching it.

Social distancing alarms

Meta Touch at UAE University's Science and Innovation Park has developed an alarm system using thermal cameras that activate when individuals get too close.

Police smart helmets

Quick at putting its technology to a variety of uses during the virus crisis – police wear smart helmets that take the temperature of passers-by. The smart helmet is used to diagnose people from a safe distance, enabling them to handle crowds, obtain vital reading and analyze data.

The usage of robots in nationwide cleaning campaign

The General Administration of Civil Defense in Abu Dhabi deployed robot TAF35 on the streets to support the sterilization operations. The robot can be controlled from a distance of 300 meters and is capable of pumping large quantities of sanitizing and disinfecting materials.

The usage of drones

In Dubai, the municipality also conducted the massive National Disinfection Program with advanced technology in sterilization operations, such as drones to enhance the speed and smoothness of such operations effectively and progressively. Drones also were used to broadcast warnings.

"Doctor for Every Citizen" initiative

In Dubai, doctors are made available via video and voice calls for free 24/7 consultation and queries regarding COVID-19.

RemoteCare

An app by the Department of Health Abu Dhabi through which people can receive healthcare at their own homes, without visiting a hospital or clinic physically.

Oyoon

Through a network of cameras in the city which uses facial, voice and license plate recognition, Dubai Police uses this program to monitor permits required by residents leaving their homes in the region's business hub.

Alhosn

An app that helps track people who are infected with the virus or who may have come in close contact with confirmed cases.