How IT Fight Epidemic and Reshape the Whole World

Alibaba group
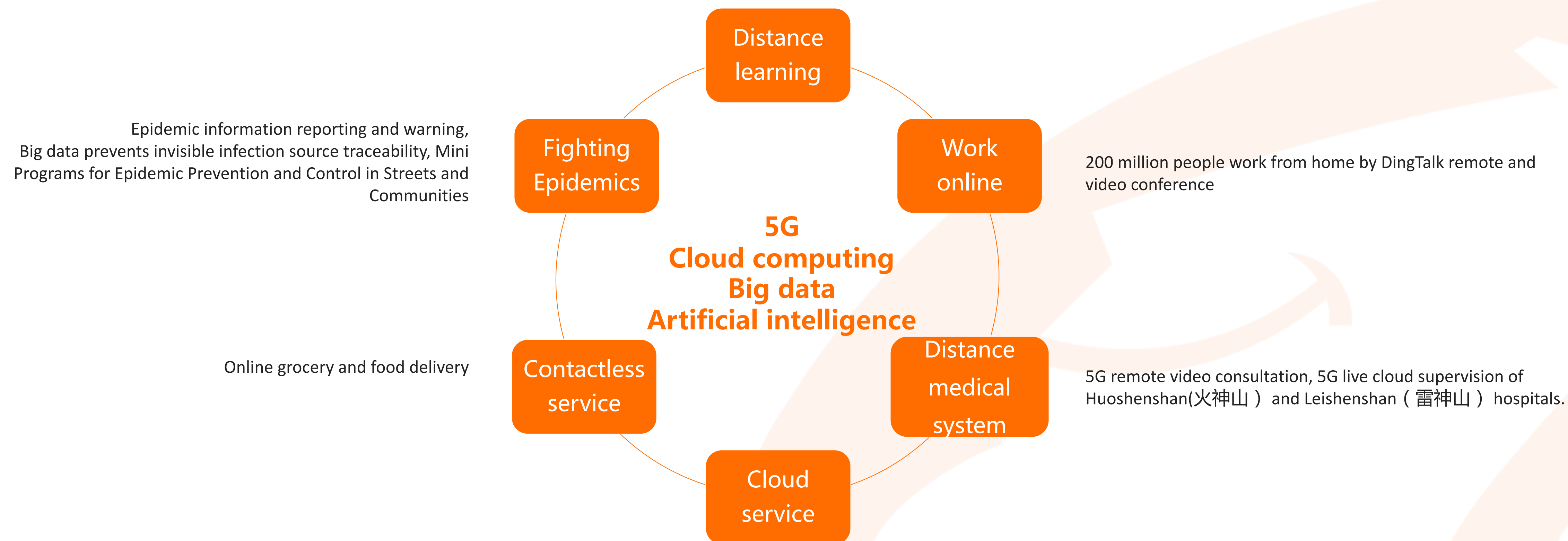
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Contactless economy

epidemic accelerating the shift to a contactless and cashless society

120 million students attend classes at home through Dingtalk platform with 3.5 million teachers across the country, Alibaba Cloud urgently expanded 100,100 server capacity to meet the huge data demand.

Distance learning

Work online

200 million people work from home by DingTalk remote and video conference

Fighting Epidemics

Epidemic information reporting and warning, Big data prevents invisible infection source traceability, Mini Programs for Epidemic Prevention and Control in Streets and Communities

**5G
Cloud computing
Big data
Artificial intelligence**

Distance medical system

5G remote video consultation, 5G live cloud supervision of Huoshenshan(火神山） and Leishenshan（雷神山） hospitals.

Contactless service

Online grocery and food delivery

Cloud service

The Epidemic Prediction Technology is a powerful tool to help researchers predict how the epidemic will progress, and the effect that different measures will have on its spread and impact. The Technology is proven to achieve a prediction accuracy of 98%, based on data from 31 provinces in China

Alibaba

Contactless economy booms amid epidemic

The SARS virus that infected thousands in China back in 2003 is widely seen as a catalyst for the country's fledgling e-commerce industry. Nearly two decades later, as the coronavirus outbreak put dozens of residential communities and areas on lockdown, contactless services backed by 5G technology and Internet of Things are helping people battle the epidemic.

On June 1, Alibaba kicked off its annual 6.18 Mid-Year Shopping Festival, which is expected to be China's largest sales event since the outbreak of Covid-19. Within the campaign's first 10 hours, total gross merchandise volume jumped 50% from last year. Certain industries, including cosmetics and home appliances, saw their GMV double from the previous year, per Alibaba.

健身族宅家 "热门器械"

TOP1:Rowing machine-划船机　1.4 times↑

TOP2:dancing mat-跳舞毯　　8 times ↑

TOP3:pull rope-拉力绳/拉力器　7 times ↑

TOP4:Yoga mat-瑜伽垫　　　6 times ↑

TOP5:Elliptical machine-椭圆机　4 times ↑

Dingtalk: help people return to work and school

Alibaba

Overseas version of DingTalk's International Version has covered served 150 countries/regions.
Dingtalk has been the home-learning platform recommended by UNESCO.

Distance learning for 130 million students

15 million enterprises work online

Covering schools	Online learning students	Teachers gave	Covering		Single day highest		Complete
140,000	**130** million	**6** million	**15** million	**300** million	**20** million	**100** million	**100** million
30% of the national total	43% of the national total	hours of lectures	enterprises	Dingtalk users	online meetings	times of participants	online approval processes

Stereoscopic safety protection

Massive users online

Intelligent drive

Cloud platform

Online clinic service and drug delivery

In January, Alibaba launched an online clinic service on its Alipay and Taobao apps for users in Hubei province, where the region with the most number of cases. That service, which allowed people to get online consultations with doctors, was later extended to Beijing residents.

In February, the company launched a drug delivery service for people requiring medicines to treat chronic diseases. It comes as hospitals are overburdened with coronavirus cases, and are sometimes left with little resources to help those with other chronic diseases who need urgent treatment.

Employee sharing model during the epidemic period

Several Chinese companies are temporarily hiring — or "sharing" — employees from businesses that haven't resumed operations or are only partially operating due to concerns over the novel coronavirus epidemic. The so-called sharing employees, are being hired by supermarkets, e-commerce platforms' retail stores, and other companies or factories to ease the workforce crunch.

more than 3,000 new employees had joined Hema as of Feb 19, while over 4,000 people had signed up for the "talent-sharing" plan under Suning's logistics arm as of Feb 21. The American supermarket chain Walmart has also joined in the trend, hiring more than 3,000 temporary workers from other sectors to work at its branches in cities like Beijing, Fuzhou, and Shenzhen.

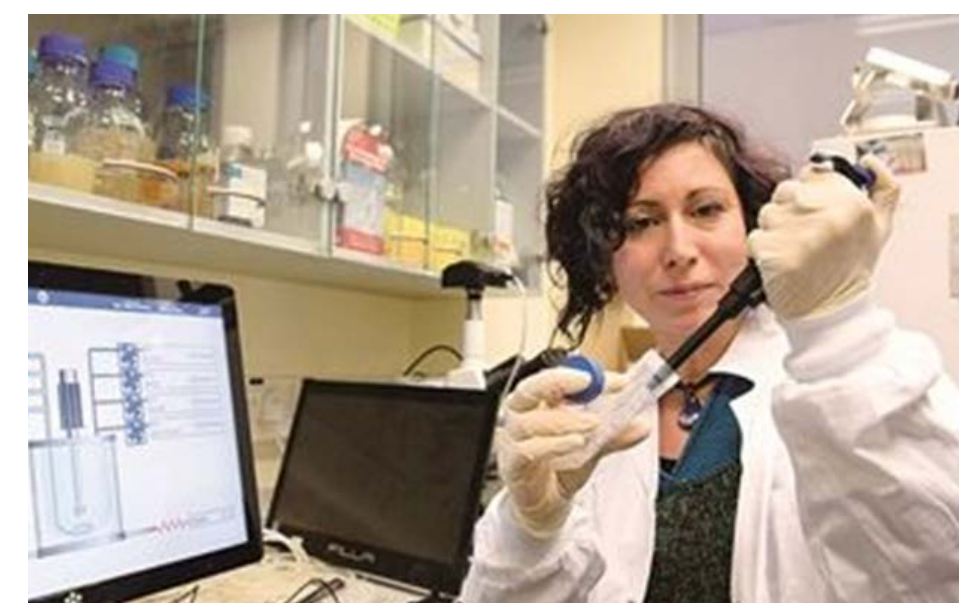# Technology is the best weapon to win the fight against COVID-19

Alibaba

1、 Fast & Accurate Diagnosis: CT Image Analysis

2、 Whole-Genome Sequence Analysis

Improve virus screening and detection efficiency

3、 Epidemic Prediction

4、 Eliminate multilingual barrier by AI translation

5、 Accelerate R&D for COVID-19 drugs & vaccine
Alibaba cloud provide free computational and AI platform to Help Research, Analyze and Combat COVID-19 ("Program") is intended to support public research institutions worldwide for the research analysis and prevention of COVID-19.
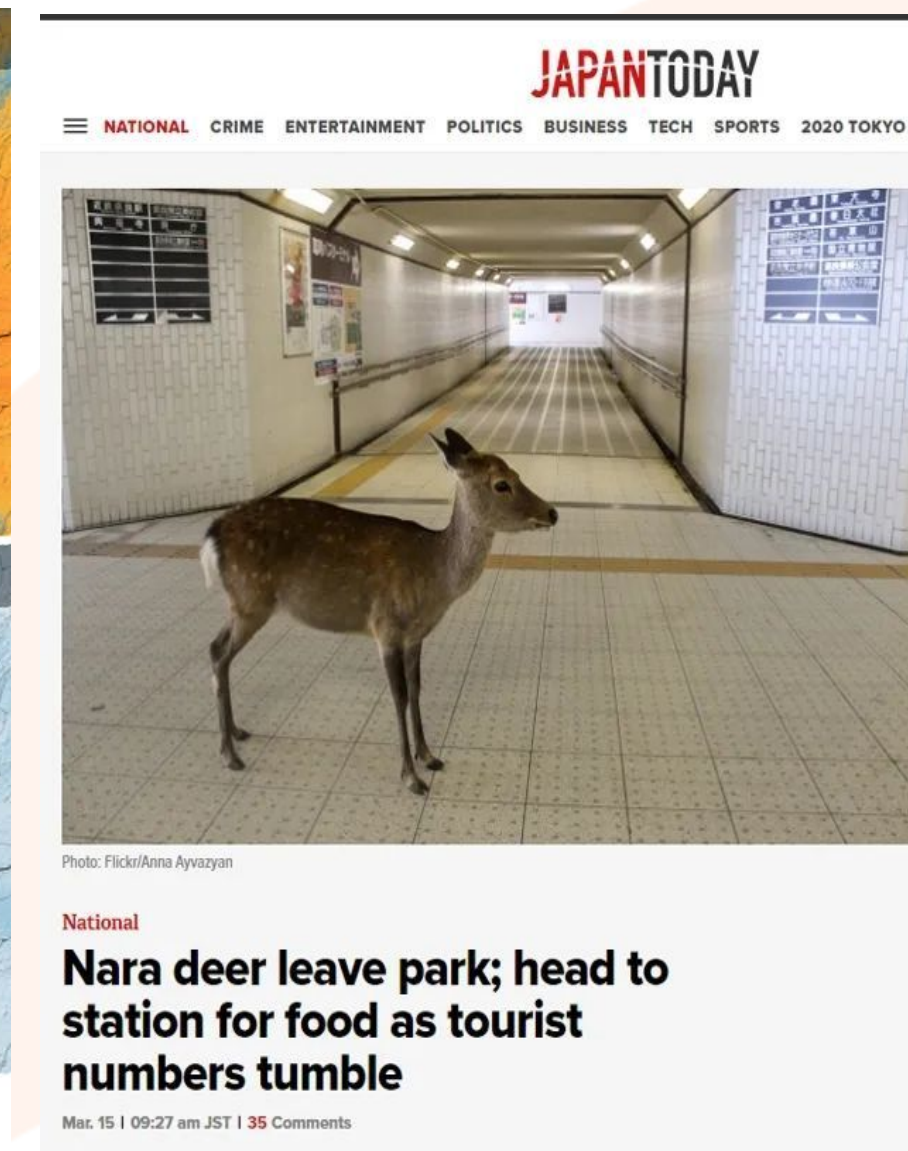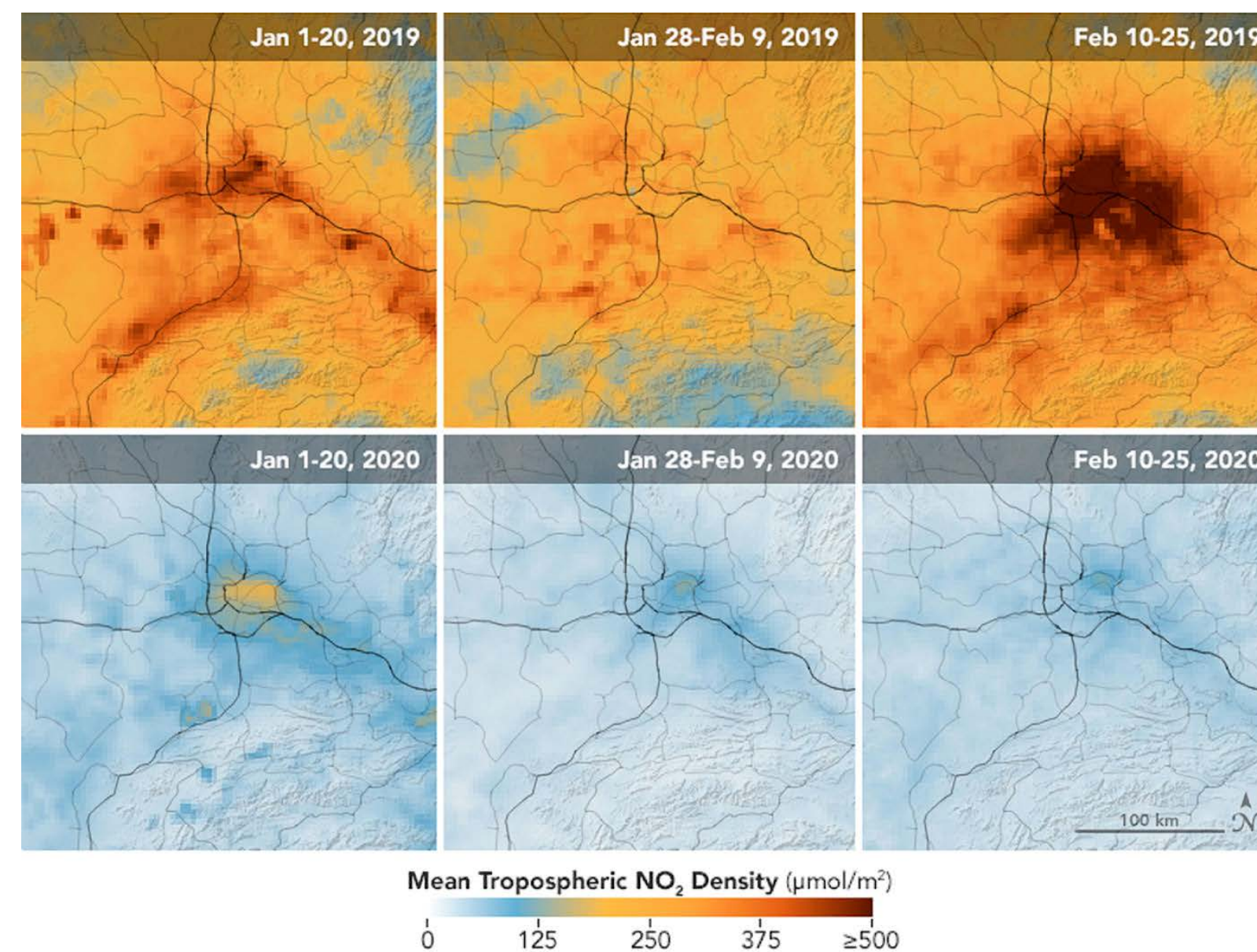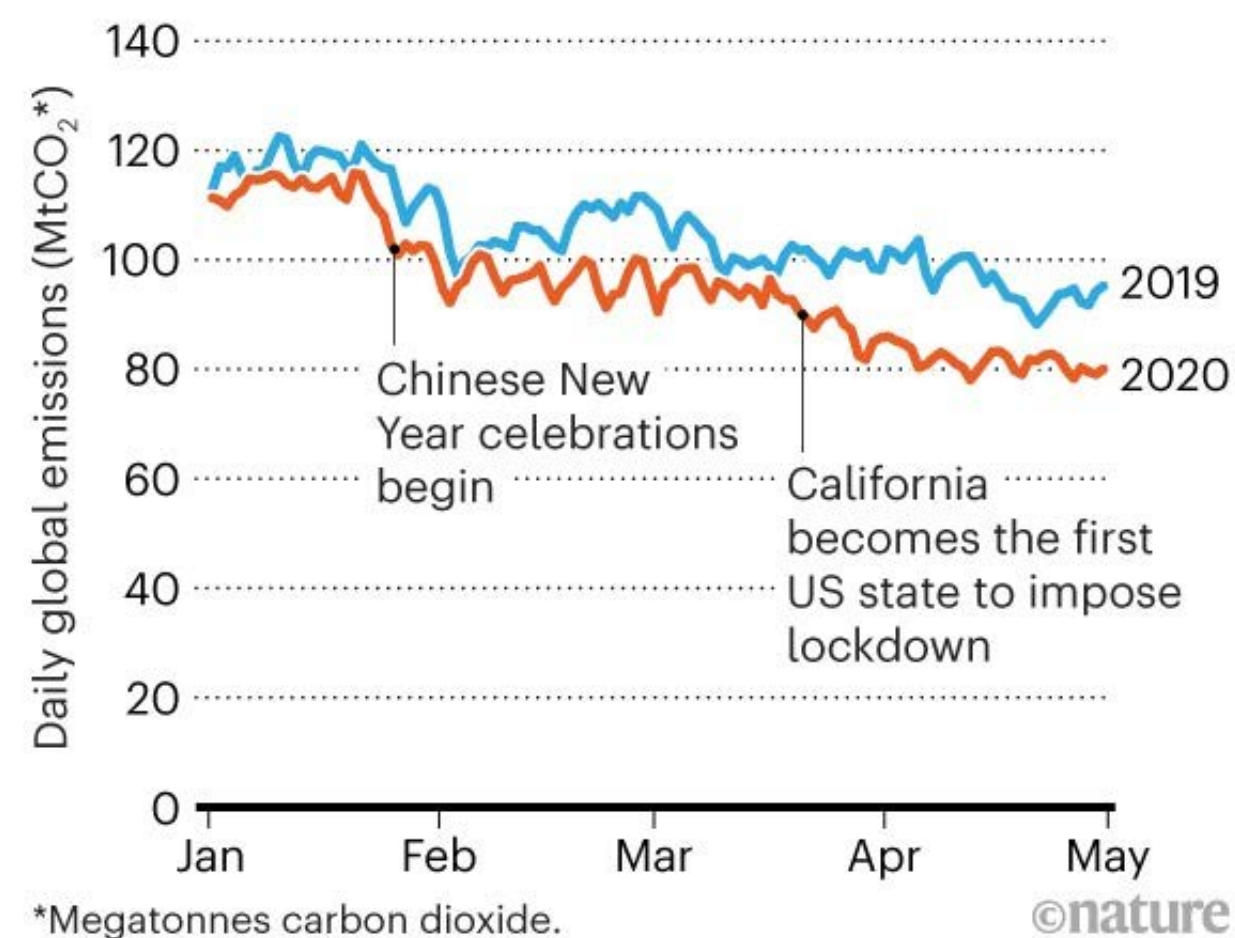
The reaction of environment

Daily global CO2 emissions 'cut to 2006 levels' during height of coronavirus crisis

In countries like Japan, Italy, and Thailand, people observed animals roaming the streets due to human absence.

Images: NASA Earth Observatory, Pollution-monitoring satellites detected significant decreases in nitrogen dioxide (NO2) over China from 1 January to 25 February 2020.

Digitization is becoming the most fundamental force to drive new economy

Alibaba

- The data shows that by 2030 Asia will contribute to 60% of the global GDP. The region has half of the internet users in the world. Hence, Asia has the greatest potential for further digitization.
- The young generation's demand of online working, life and will promote digital tech innovation.

We need to think about how to build a new world together, a world where individuals are more healthy, organizations are more efficient and the planet is more environmentally sustainable. It is the topic we should work on in the long-run.

High growth Development	Environment protection	Equality& Inclusive	Technology innovation
LAZADA GROUP	蚂蚁森林 ANT FOREST 从多种一棵树开始	AliHealth 阿里健康	阿里云