

# Taiwan's Response to COVID-19

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# Reporting e-mail to WHO on December 31, 2019

2019年12月31日通報世界衛生組織(WHO)「國際衛生條例」(IHR)聯繫窗口電郵內文:

Content of Taiwan CDC's reporting email to WHO IHR Focal Point dated December 31, 2019

News resources today indicate that at least seven atypical pneumonia cases were reported in Wuhan, CHINA. Their health authorities replied to the media that the cases were believed not SARS; however the samples are still under examination, and cases have been isolated for treatment.

I would greatly appreciate it if you have relevant information to share with us.

Thank you very much in advance for your attention to this matter.

## ⚠️ **ATTENTION** Coronavirus disease 2019 (COVID-19)



**Wear surgical masks  
when coughing or  
sneezing.**



**Wash hands  
thoroughly with  
soap.**



**Avoid crowded  
places, including  
hospitals.**

**Click to see  
communication resources in 7 languages**



# Prudent Action, Rapid Response and Early Deployment

- 2019/12/31 **Awareness** of atypical pneumonia cases in Wu-Han  
**Reporting e-mails** to inform WHO and China CDC  
**On-board quarantine** of passengers from Wu-Han
- 2020/1/2 Strengthening **suspected case reporting** and  
**hospital infection control** of health care system
- 2020/1/5 **Advisory Committee on Atypical Pneumonia in China**  
organized by Taiwan CDC
- 2020/1/7 **Level 1 travel notice for Wu-Han** announced by Taiwan CDC  
Causal agent **2019-nCoV** announced by WHO

# Transparent Policy-making and Inter-Ministry Effort

- 2020/1/15 **Class 5 Infectious Disease** announced by Taiwan CDC  
**Limited human-to-human transmission** announced by WHO
- 2020/1/20 **Central Epidemic Command Center (CECC)** activated  
by Taiwan CDC
- 2020/1/22 **Emergency Meeting of Taiwan National Security Council**  
held by President Tsai Ing-Wen
- 2020/1/30 **Public Health Emergency of International Concern (PHEIC)**  
announced by WHO

## Rapid Responses to COVID-19 based on experiences in the containment of SARS (2003) and H1N1 pandemic flu (2009)

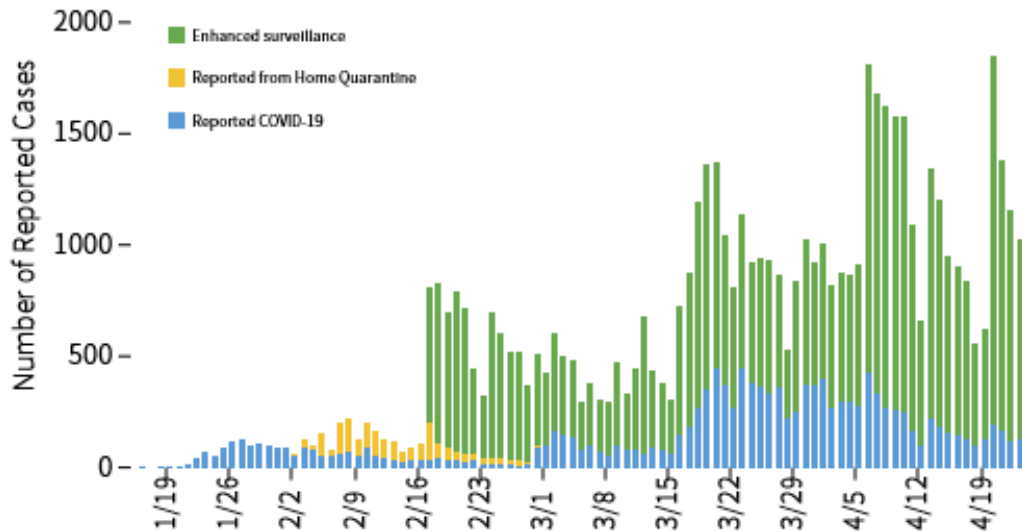
- (1) Optimization of **border quarantine**: TOCC (travelling, occupation, contact and clustering) history and health check-up
- (2) Enforcement of **14-day home isolation/quarantine**: contacts of confirmed cases/passengers from epidemic areas
- (3) Mobilization of **health care system** for infectious disease: 20,000 isolation rooms with 14,000 ventilators
- (4) Adequate supply of **PPEs and other medical materials**: face mask rationing and mass production
- (5) Quick announcement of the **travel alert and warning**

## Rapid Responses to COVID-19 based on experiences in the containment of SARS (2003) and H1N1 pandemic flu (2009)

- (6) **CECC daily press conference:** transparent information, health education and risk communication
- (7) Enforcement of **social distancing:** keeping a queue distance, avoidance of large-scale gathering
- (8) **Economic relief and stimulus:** financial support for families and businesses in need
- (9) Research and development of **rapid diagnostics, anti-virals and vaccines**
- (10) **International collaboration:** PPEs, pharmaceuticals, technologies

# Epidemic Situation

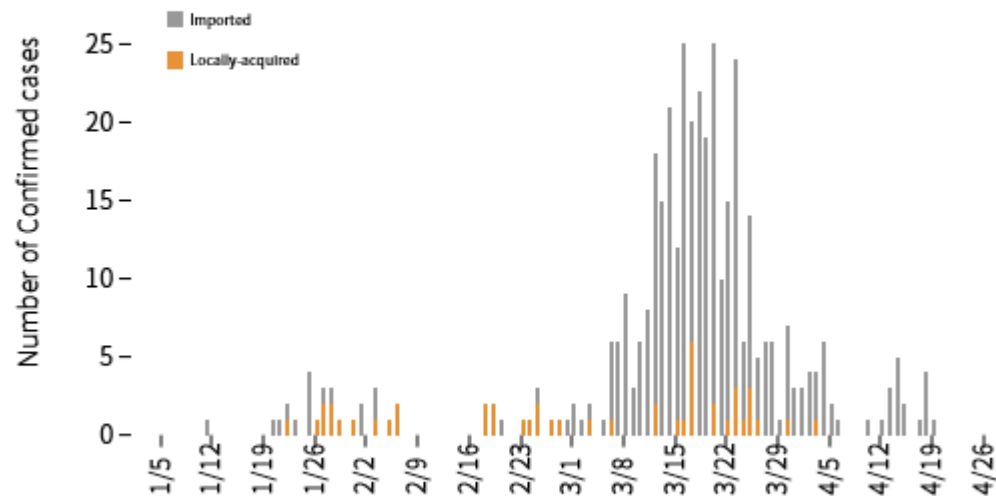
Number of Cases Suspected SARS-CoV-2 Infection Tested - By Reporting Sources



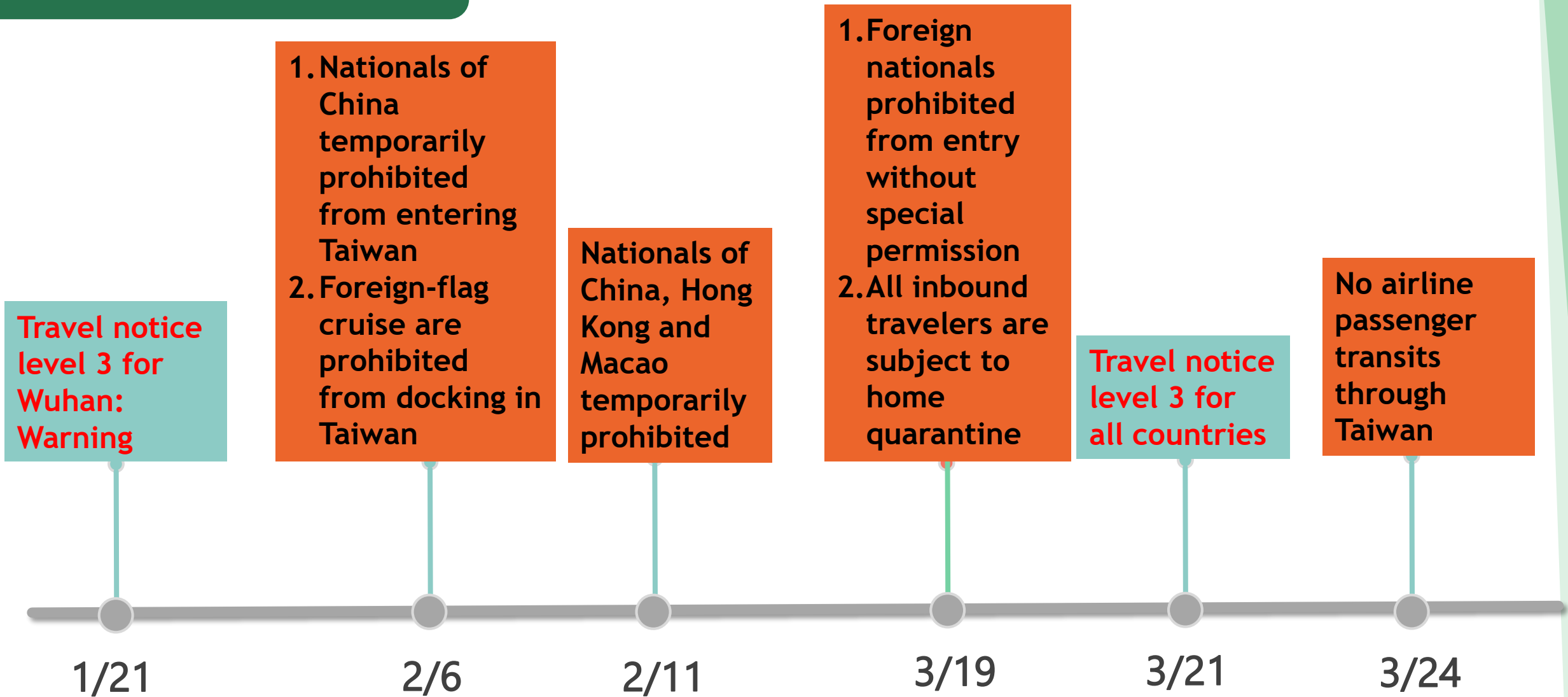
- ✓ Taiwan ranked 136th among 184 countries in terms of confirmed cases per million people.
- ✓ Recent cluster of infections on the Navy's Dunmu fleet might increase the risk of community spread in Taiwan.



Number of Confirmed Cases of COVID-19 - By Date of Onset



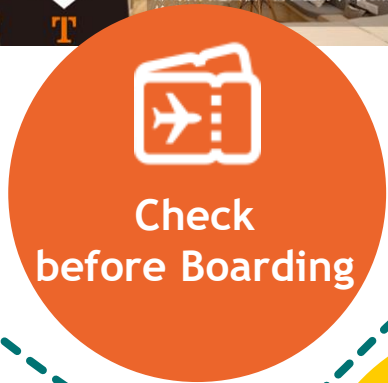
# Border Control





# Quarantine Measures for Inbound Travelers

## Quarantine Hotels Booked



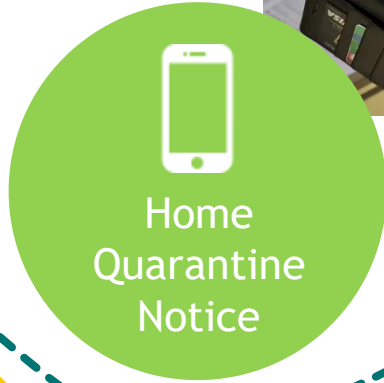
Check  
before Boarding



Onboard Quarantine



Onboard  
Quarantine/  
Announcement



Home  
Quarantine  
Notice

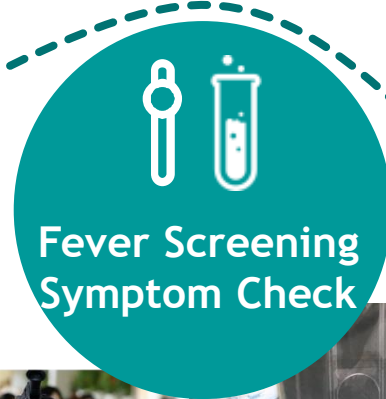
## Quarantine System for Entry



Fever Screening

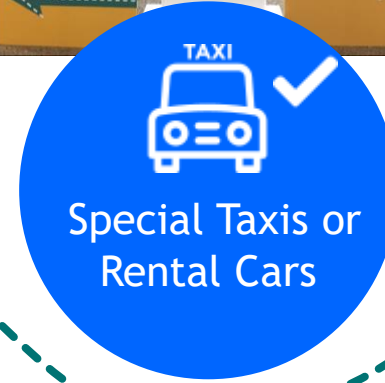


Collecting Specimen



Fever Screening  
Symptom Check

Inbound Travelers are not allowed  
to take public transportation



Special Taxis or  
Rental Cars



Home  
Quarantine for  
14 Days



Home Quarantine Package

# Home Quarantine / Isolation

Inbound travelers

Home Quarantine

Local civil officers  
actively monitor once  
or twice a day

Close contacts with  
confirmed cases

Home Isolation

Local health officers  
actively monitor  
twice a day



**Electronic Security Monitoring System** is used to track the location and health status of people subject to home quarantine or isolation



## LINE Bot System: Disease Containment Expert

# Home Quarantine Tracking System



功能

系統公告

個案資料查詢

查詢個案資料

(1) 篩選功能

縣市別

請選擇

鄉鎮市區

請選擇

村里

請選擇

路段

入境日期

搬遷日期

確認狀態

全部

國籍

全部

查詢

(2) 篩選狀態統計

狀態統計	未確認	已確認	失聯	已結案
113873	139	9881	2	103851

(3) 篩選結果清單

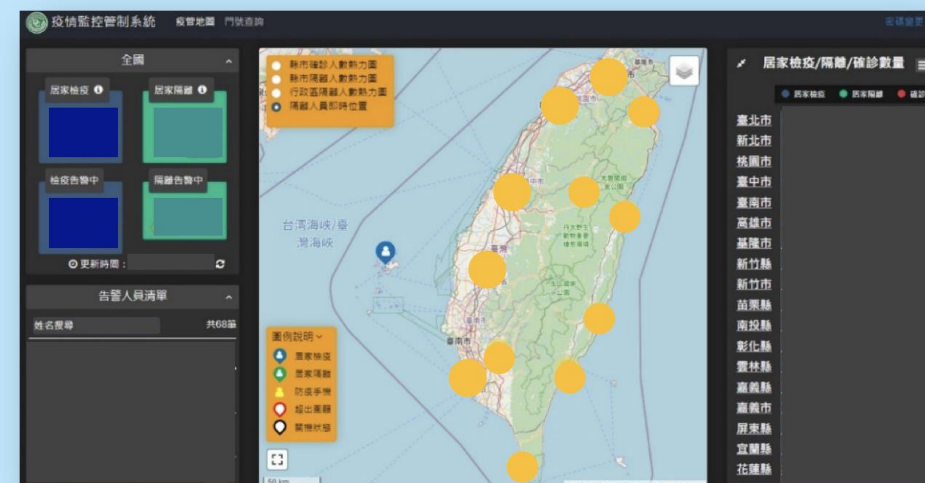
入境日期	搬遷日期	姓名	國籍	已確認地址	已確認電話	確認狀態	追蹤情形	結案狀態	功能列
						無	尚未結案	確認	
						無	尚未結案	確認	
						無	尚未結案	確認 追蹤	
						無	尚未結案	確認 追蹤	
						無	尚未結案	確認 追蹤	
						無	尚未結案	確認 追蹤	

防疫旅館訂房資訊：

<https://taiwanstay.net.tw/covhotel/>  
請留存防疫旅館地址，以利居家檢疫  
通知書填報。

For booking information of quarantine hotels, please check <https://taiwanstay.net.tw/covhotel/>

# Digital Fencing Tracking System



# Care and Support Services



Local government  
hotline



Meal delivery



Garbage collection



Settlement



Family visits



Suspected symptoms-  
Designated ambulance



Non-suspected symptoms-  
Medical care arrangement

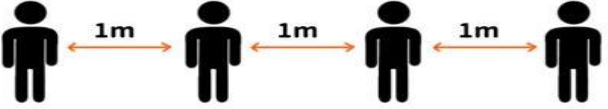


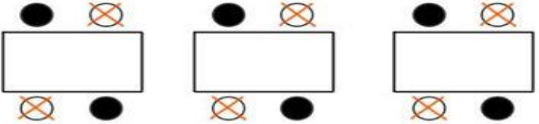
# Social distancing measures announced on April 1

衛生福利部疾病管制署 廣  
TAIWAN CDC 告


## 愛有多深，距離就有多遠

防疫期間·請保持適當社交距離

 **室外：保持1公尺距離**

 **室內：保持1.5公尺**

----- 都有正確戴口罩 · 可豁免社交距離 -----

 **處於擁擠、密閉之場所  
應佩戴口罩**  
如：捷運、公車等大眾運輸工具


- Keep appropriate social distance: Indoor: 1.5 meters; Outdoor: 1 meter.
- Wear masks in crowded areas.



**寺廟參拜**

請寺廟規劃參拜動線  
控管人數  
避免提供飲食

Temples



**國家公園 國家森林遊樂區**

以周邊停車場作為流量控管重點為原則  
如果停車場車輛達50%  
會透過適地性簡訊服務發出警訊  
提醒民眾可能先行改變行程

National Parks



**觀光旅宿**

於連假前進行住房率調查  
落實出入動線及  
用餐分流等措施

Hotels



**夜市、傳統市場及商圈**

- 商家民眾應全程戴口罩
- 規劃單一出入口
- 取消店家試吃活動
- 攤位間保持1公尺安全距離
- 用餐座位可採用隔板
- 劃設地面標示，排隊時保持安全距離

Night Markets / Shopping Areas

# General public practices social distancing



Waiting for public transportation



Primary school students eating lunch



Waiting in a queue for takeaway



Staff workers make a symbol for a queue distance



People are eating at food courts of department stores



# National Mask Team International Champion Cup

Expansion of **92** production lines

Requisition of **73** factories

Average production per day :

**1.88 million** in January  **15.97 million** in April

Integrate raw materials, machines, production lines

Ensure stable power supply





Use Masks Properly to Protect Yourself and Others!

# Name-Based Distribution System

## Face Mask Purchasing

Two-step

Mask Reservation Using Mobile Phone:

1. Login with **NHI Card**



2. Finish Mobile Device Binding Procedure



Option 1  
QR Code Scan



Option 2  
Certification Code  
Typing





# Evacuation Charter Flight

**1** Standard process for disembarkation of passengers



**2** Fever screening and health assessment



**3** Luggage disinfection for 14 days



**4** Ambulance arrangement



**5** Passengers with 2 negative tests were group quarantined



**6** Disinfection



## Evacuees from Diamond Princess

**1** Quarantine inspection before boarding



**2** Passengers seat distancing

- 1444 Taiwanese evacuees from Wuhan:
  - ① 247 evacuees arrived on February 3
  - ② 361 evacuees arrived on March 10
  - ③ 367 evacuees arrived on March 29 and 30
  - ④ 469 evacuees arrived on April 20 and 21
- 19 Taiwanese evacuees from Yokohama on February 21

# Donation of 17 Million Masks to the US, Europe, Diplomatic Allies





President Tsai Ing-wen convened a **high-level national security meeting** on March 12, and announced **proactive measures** to boost Taiwan's economic momentum and vitality.



- Allocate a NT\$1050 billion budget for epidemic control, financial relief and economic vitality
- Shift spending priorities to emergency measures
- Increase government investment and procurement for expansion of domestic demand
- Help acceleration of private investment
- Maintain foreign exchange market stability and stock market momentum



Rapid mobilization  
Swift decision-making  
Thorough implementation  
Coordinated resource distribution  
Transparent information  
Advanced technology

