

A satellite-style map of a coastal region, likely the Chesapeake Bay area, showing a river delta and surrounding land. The map is overlaid with a grid of yellow and blue lines, possibly representing data or infrastructure. The background is a dark red gradient.

# Satellite Applications

## What's New?

How space is empowering a better world

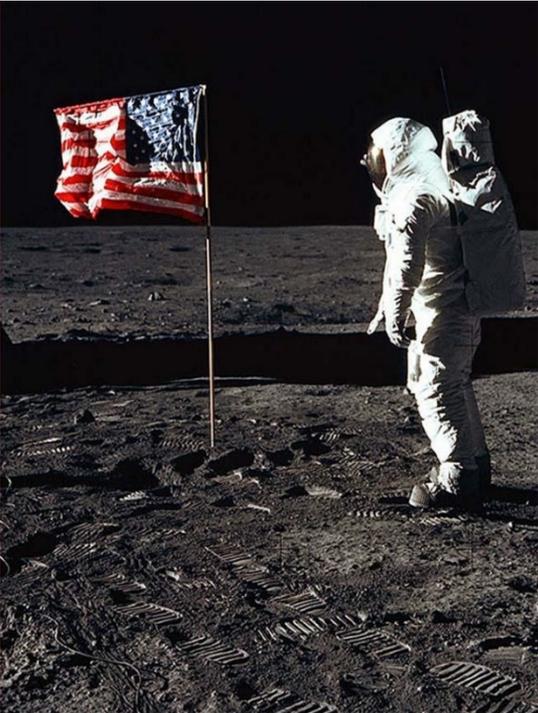
**Stuart Martin**  
Chief Executive Officer

We work with  
**Innovate UK**

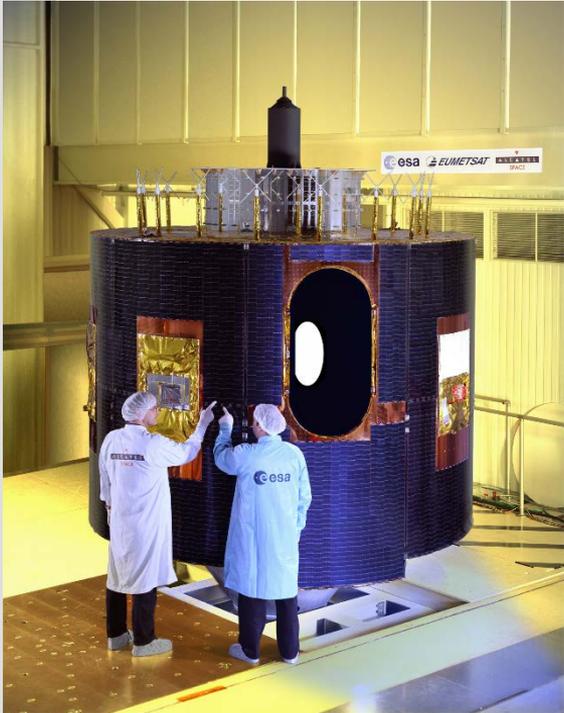
**CATAPULT**

# Three Waves of Space Innovation

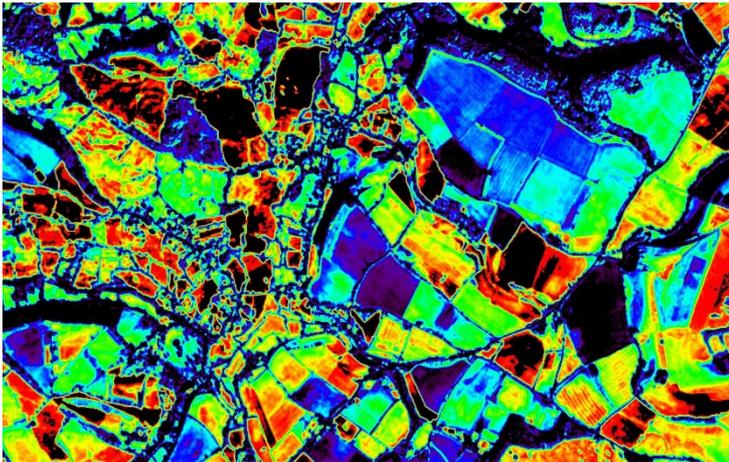
### First Space Age



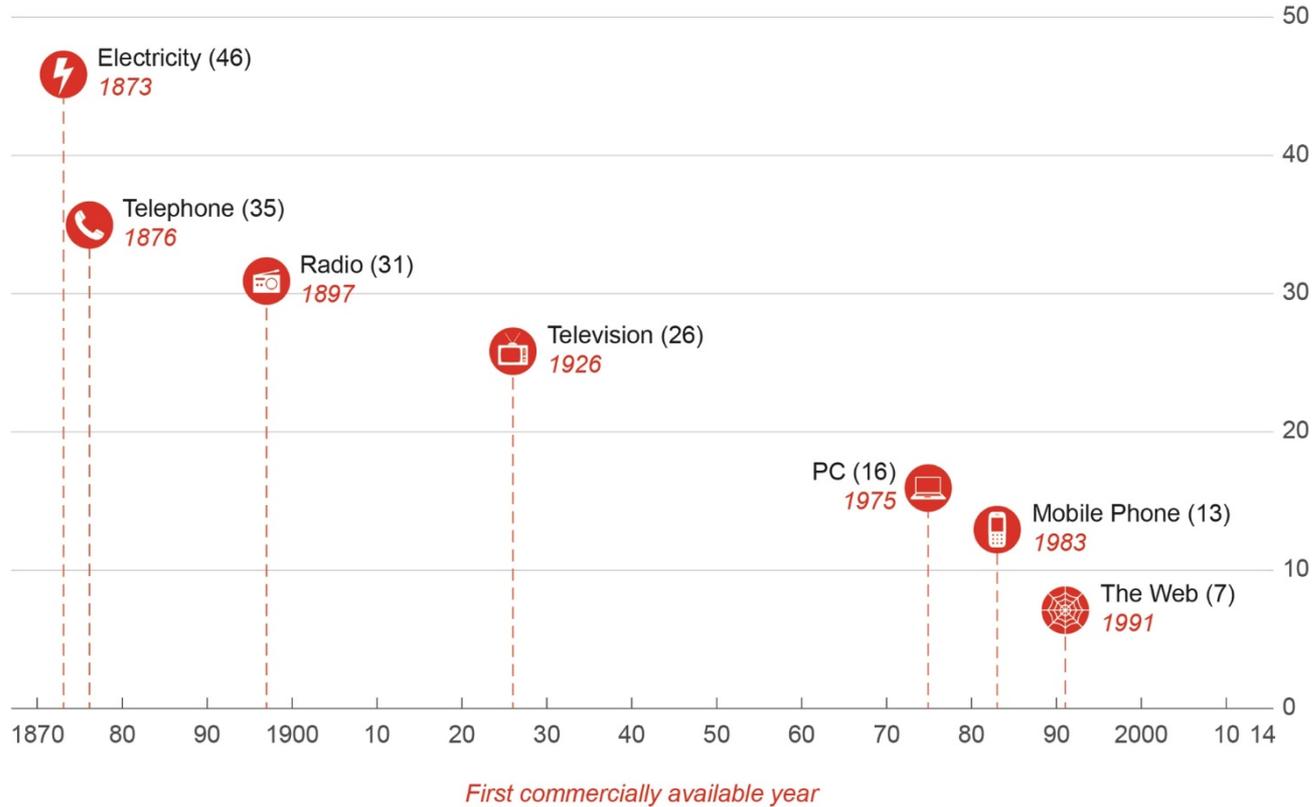
### Second Space Age



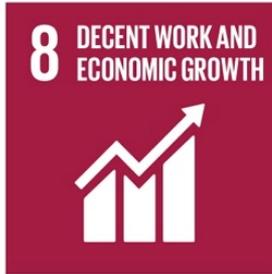
### Third Space Age



# Demand, Demand, Demand



# UN Sustainable Development Goals

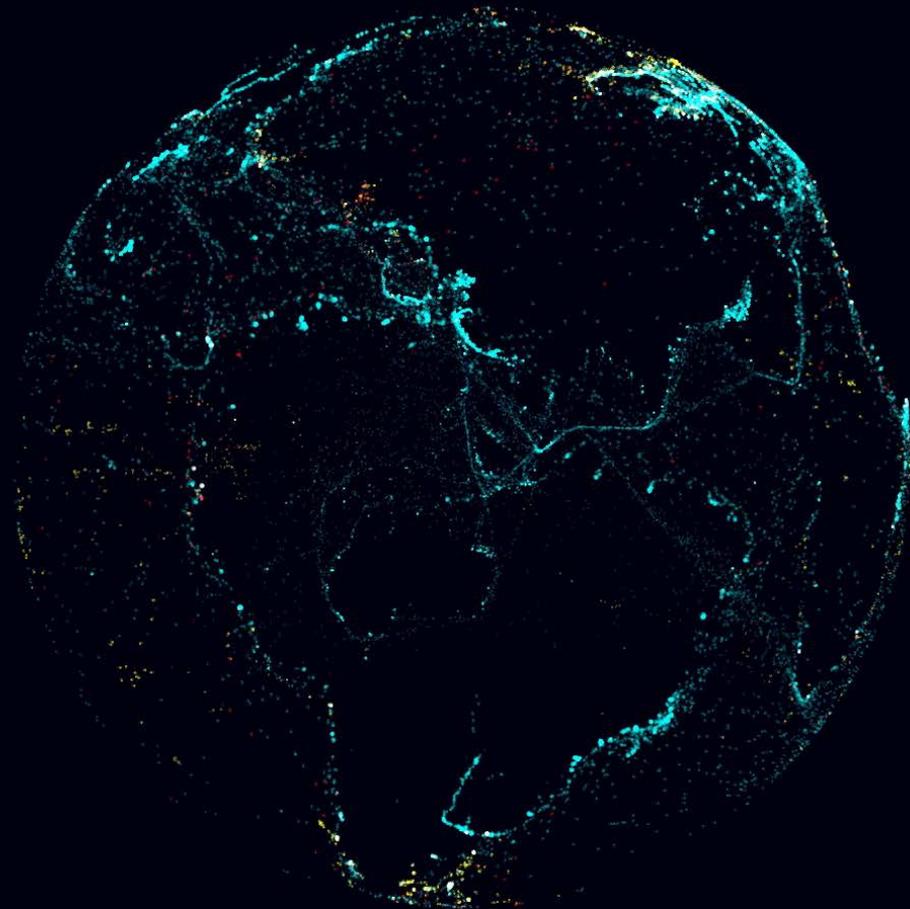


# Can Satellites Stop Illegal Fishing?

1 in 5 fish  
caught illegally

**\$23.5bn**  
cost to global  
economy





USER: A\_ANALYST

**METRICS**  
01 JAN 2015  
12:00:00  
AREA OF INTEREST:  
FISHING: 00  
SUPPORT: 00  
OTHER: 00

**FILTERS - VESSEL TYPE**

- CONFIRMED FISHING
- CONFIRMED SUPPORT
- CONFIRMED OTHER
- AIS FISHING
- AIS OTHER

**FILTERS - ALERTS**

- SLOW MOVEMENT
- PROXIMITY
- AIS ON
- SUSPICIOUS
- NON ALERT
- AIS OFF
- SHOW POLYGONS

**ACTIVE FLEETS**

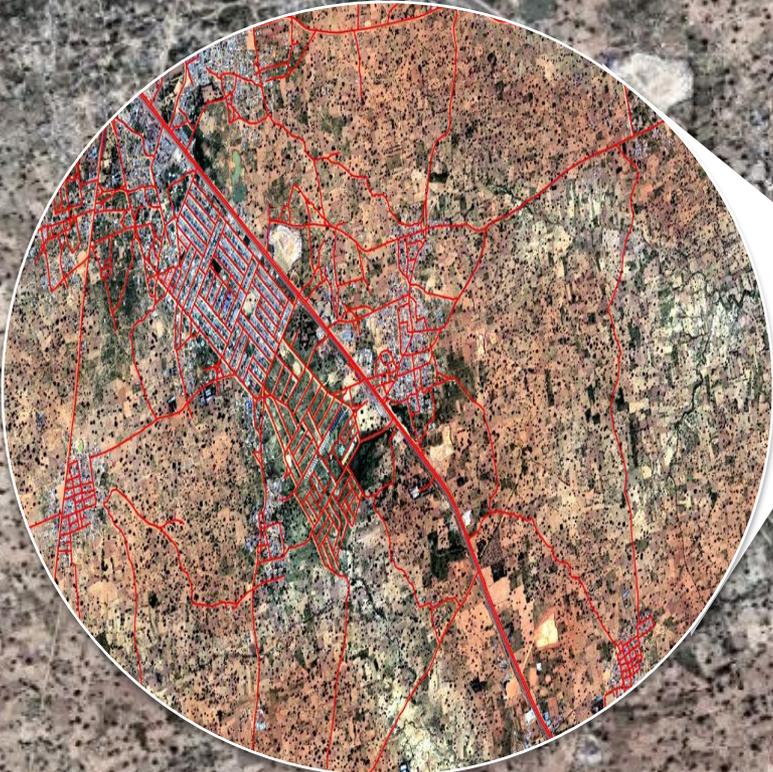
- ALL VESSELS

**FLEETS**

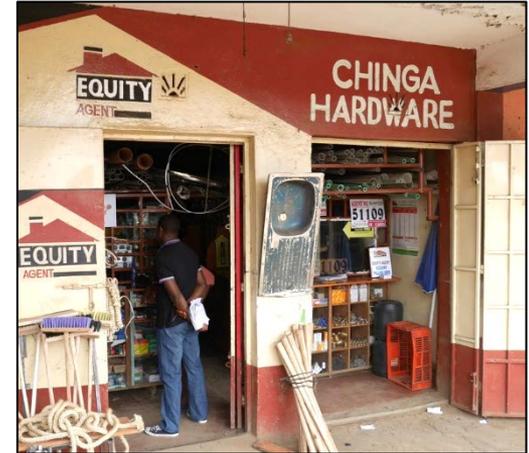
- DEFAULT
- RD NEW FILTER
- RD NEW FLEET
- DELETE FLEET
- LOAD FLEETS
- SAVE FLEETS



# Satellites in Emerging Economies



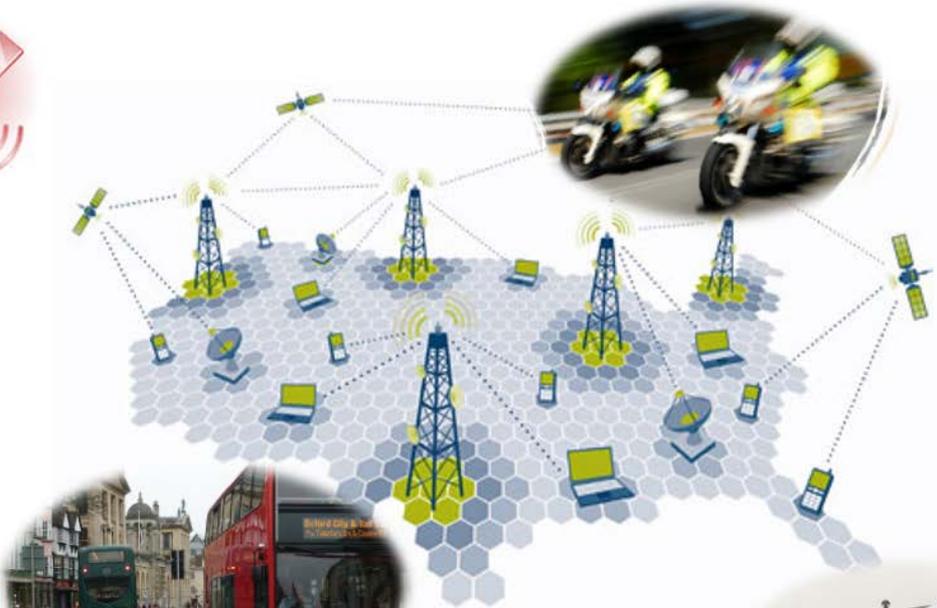
# Driving inclusive digital services in Africa



# The Connected Planet



GNSS



Satellite communications



Terrestrial



What could you do with this every 15 minutes?

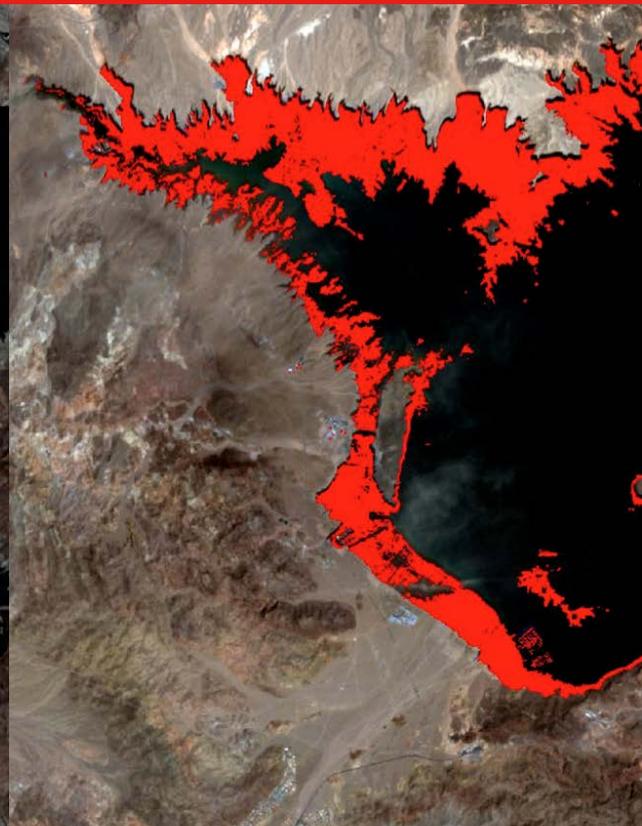
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Satellite Applications



May 2000



May 2015



Identified change



Satellite Applications

Image captured by Deimos-1 Optical Satellite  
Poyang Lanke, Jianxi Province, China, 2010  
22m resolution, 3 spectral bands, swath size 600km  
663km orbital height

‘To innovate for a better world  
empowered by satellites.’

We work with  
Innovate UK

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