

THE GLOBAL CELLULAR NETWORK DEDICATED TO SMALL MESSAGES FOR THE IOT

JACQUES HUSSER
CHIEF OPERATING OFFICER



THE INTERNET OF THINGS WILL BE THE INTERNET OF **EVERYTHING**



INTERNET OF THINGS IS A \$ 19 TRILLION



OPPORTUNITY."

1,5 TRILLION DEVICES

CISCO_m

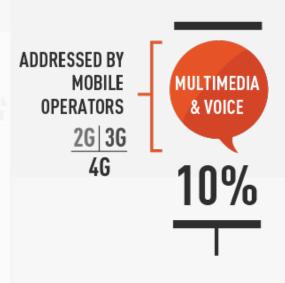
THERE ARE ABOUT 20 BILLION IOT DEVICES OUT THERE TODAY, BUT THAT NUMBER WILL GROW TO 1,5 TRILLION BY 2020."



THE INTERNET OF
THINGS WILL
MAINLY USE

SMALL

MESSAGES



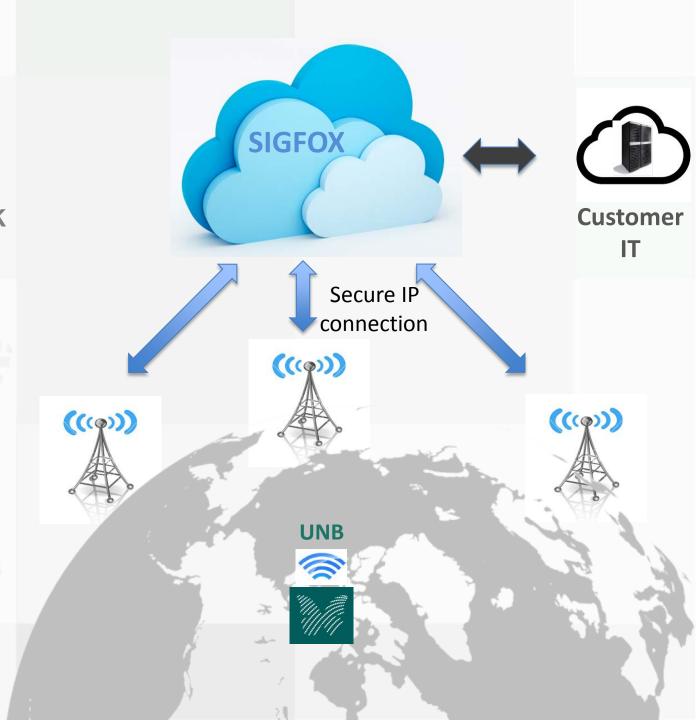


UNRELEASED POTENTIAL



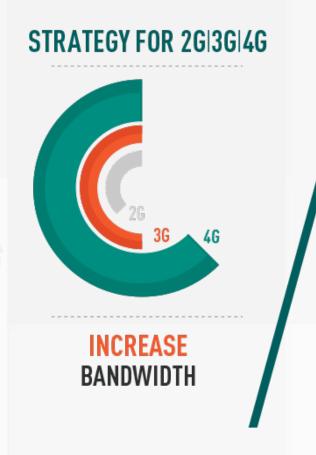
THE GLOBAL
OPERATED
CELLULAR NETWORK
DEDICATED TO
SMALL MESSAGES

2-WAY NETWORK

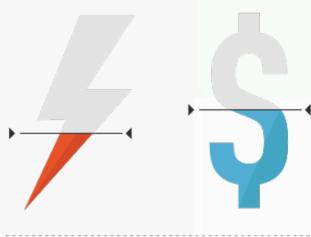




ENERGY
CONSUMPTION:
THE KEY TO THE IOT



STRATEGY FOR SIGFOX



REDUCE CONSUMPTION & COSTS

300x LESS ENERGY 10x LOWER COSTS





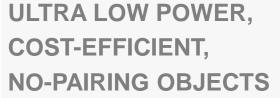














1 - Any Radio Transceivers Chip Vendor













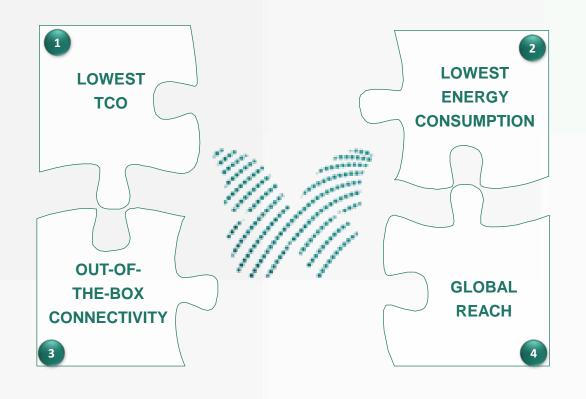




- 2 Unlicensed SIGFOX Radio Software
- 3 Unique SIGFOX ID per device



THE 4 UNBEATABLE
KEYS THAT MAKE
SIGFOX THE BEST
POSSIBLE SOLUTION





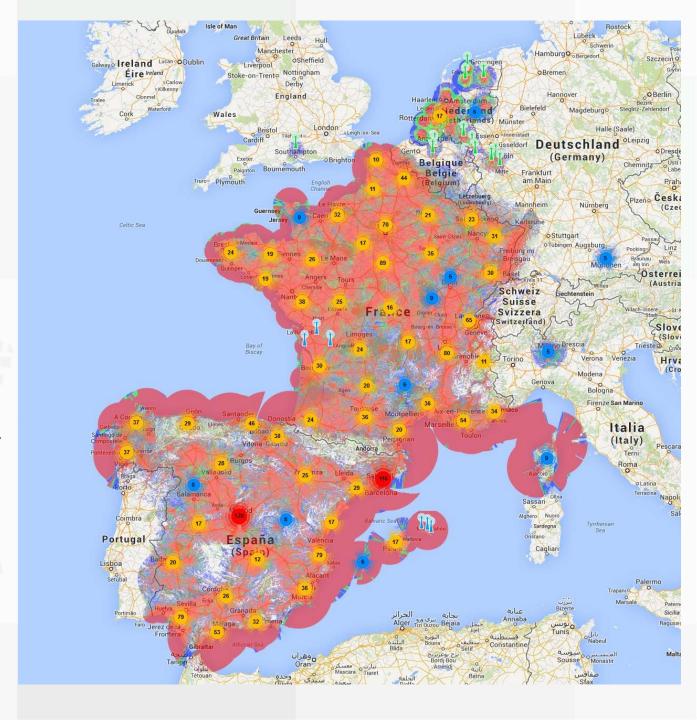
CURRENT COVERAGE

SIGNED SNO:

UK, BELGIUM, PORTUGAL

ON GOING NEGOTIATIONS:

GERMANY, ITALY,
SWITZERLAND,
IRELAND, POLAND
KOREA, SINGAPOUR,
CALIFORNIA + USA
CHINA, INDIA, COLOMBIA,
CHILI





5 STEPS TO GET
YOUR DEVICE
CONNECTED TO
SIGFOX NETWORK

#1 Design device

#2 Have device certified

#3 Sign subscription agreement

#4 Get devices unique IDs to manufacture

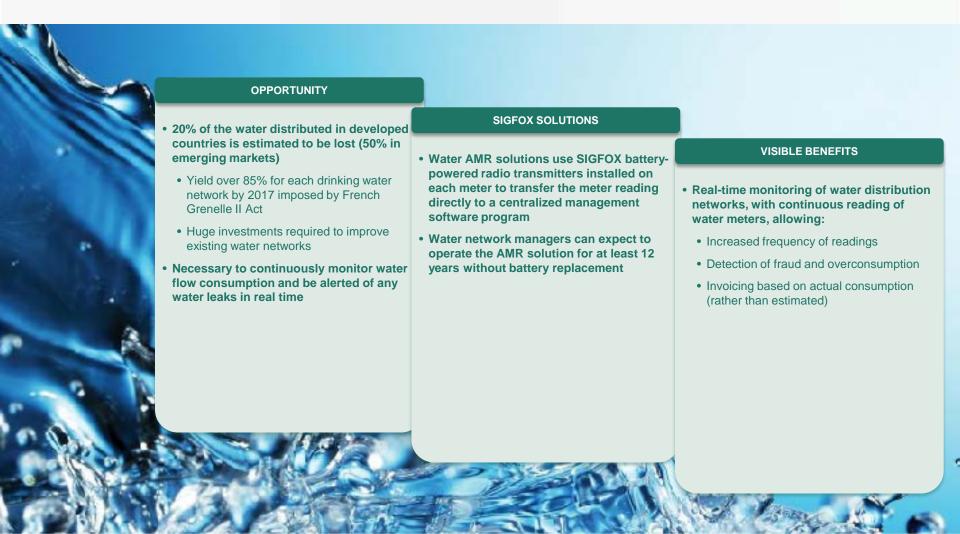
#5 Power on device in the field

You're done ;-)





Water Metering



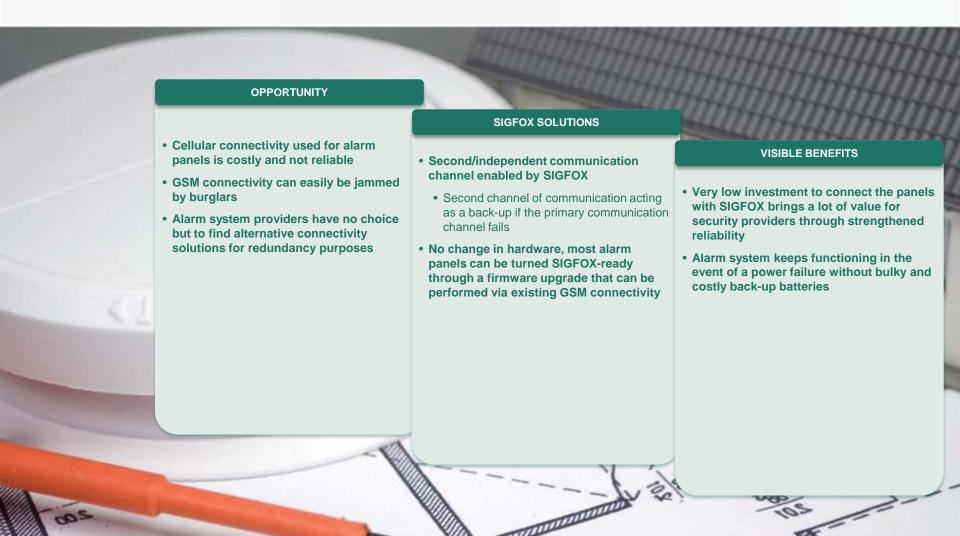


Smart Parking





Alarm System





Secondary Connectivity



SIGFOX SOLUTIONS

- Same WAN cells approach as the GSM with a communication protocol optimized for the IoT
- Embeddable into mobiles or tablets without hardware modifications

VISIBLE BENEFITS

- New business opportunities for manufacturers/MNOs
- Enables many innovative use cases (lost/stolen phone tracking, emergency SMS, etc.)
- Network reliability improvements and increased customers' satisfaction



Smoke Detectors





Home Care Monitoring





Asset&Human Tracking

OPPORTUNITY

- Whistle is an existing activity monitoring device for pets (dogs) using a small collar • WhistleGPS attached device that logs data and uploads periodically to a Smartphone via Bluetooth
- The device has a battery life of 10 days between recharges
- Additional wide-area tracking service could possibly be leveraged with the collar hardware gadget

SIGFOX SOLUTIONS

- - No change in hardware (in particular, no GPS module in the collar)
 - No compromise in device autonomy
- The WhistleGPS relies on SIGFOX network to poll the collar device and triangulate location information between base stations
 - Location accuracies in the range of 100m with cell density of 1-5Km or less





VISIBLE BENEFITS

• SIGFOX is a key enabler to allow pet tracking at a very low cost in spite of strong energy, coverage and size constraints that could not be met with any other existing technology



FUND RAISING till 2014 > 27M€

NEW ROUND COMPLETED IN FEB 2015: 100M€





ANNE LAUVERGEON

Chairwoman of the Board

Anne Lauvergeon is a French businesswoman and former Deputy Secretary-General to the office of the President Mitterrand In 1997, she joined Alcatel as Deputy CEO, before becoming CEO of Cogema, now Areva, which she led until 2011 In 2009, she ranked in Forbes magazine top 10 most powerful woman in the world





























SMALL MESSAGES, HUGE IMPACT