MOBILE

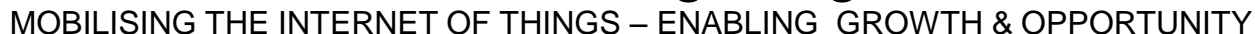**THE ESSENTIAL ELEMENT OF IoT**

Mobile World Congress 26 Feb, 27 Feb – 2 Mar

Graham Trickey

Head of Connected Living Programme

26 February 2017

GSMA Connected Living Programme

MOBILISING THE INTERNET OF THINGS – ENABLING GROWTH & OPPORTUNITY

CURRENT SITUATION

- IoT is developing rapidly but with significant market fragmentation.
- Operators need to add value beyond just connectivity.

MARKET GROWTH

IoT M2M Mobile Connections Forecast Growth

2016	2025
500m	5bn

Mobile & LPWA IoT Connections
Source: Machina Research, 2016

3 BILLION
60% ARE LPWA CONNECTIONS*

MARKET OPPORTUNITY

Enable Operators to deliver the breadth of IoT solutions required and move up the value chain to achieve more of the full market potential.

$1.7

TRILLION

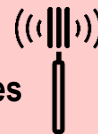All income from IoT devices and related services in 2025

Source: Machina Research, 2017

More info - www.gsma.com/connectedliving

- Data Connectivity
- Network Services & Managed Connectivity
- Market Potential Platform & Content Services

FOCUSED DELIVERY ON KEY MARKET ENABLERS

Mobile IoT to develop licensed LPWA opportunity and launches

Customer focused remote SIM provisioning

IoT Big Data harmonised data and APIs

Securing the IoT

Sustainable IoT regulatory & policy environment

Active industry engagement – Smart Cities, Automotive and Health

Mobile IoT: 3GPP standard technology for LPWA

Mobile IoT refers to 3GPP standardised secure operator managed IoT Networks, in particular low power wide area network

Choice of Technologies

- LTE M
- NB-IoT
- EC-GSM-IoT

Key Features

- Low Cost Module
- Better Coverage
- Long Battery Life
- Low data needs
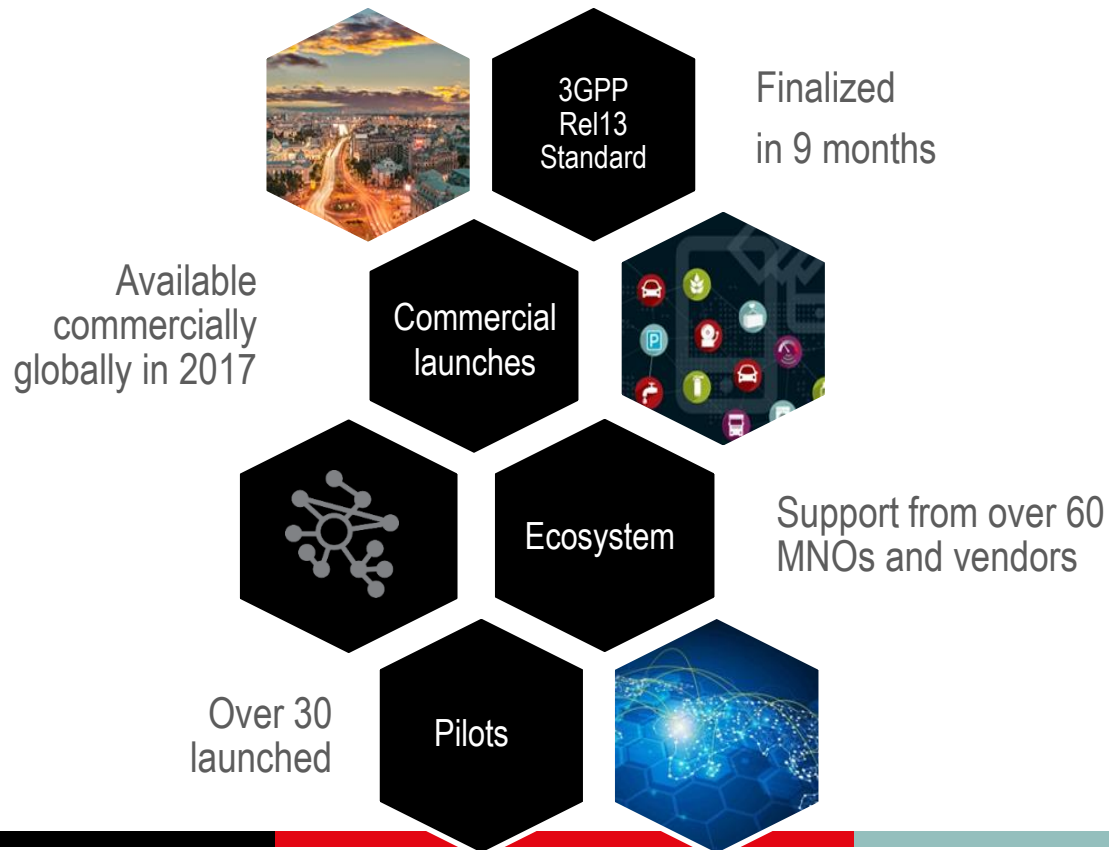- 2-ways communication

Key Benefits

- 3GPP Standards
- Global Coverage
- Secure
- Scalable

Mobile IoT Technologies: Ready to Launch

3GPP
Rel13
Standard

Finalized
in 9 months

Available
commercially
globally in 2017

Commercial
launches

Ecosystem

Support from over 60
MNOs and vendors

Over 30
launched

Pilots

First Mobile IoT Showcase Winners

Supported by 10 major operators and vendors

Attracted 25 entries

NB-IoT Showcase Winner:
Veolia
Smart Waste Management

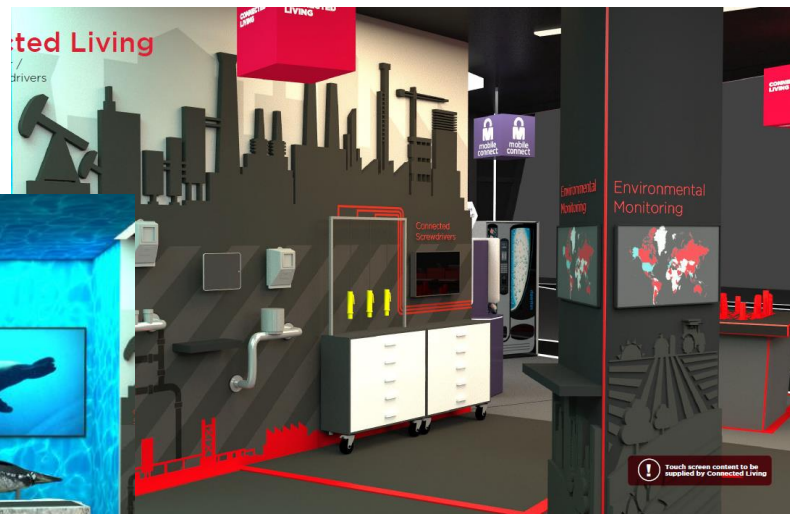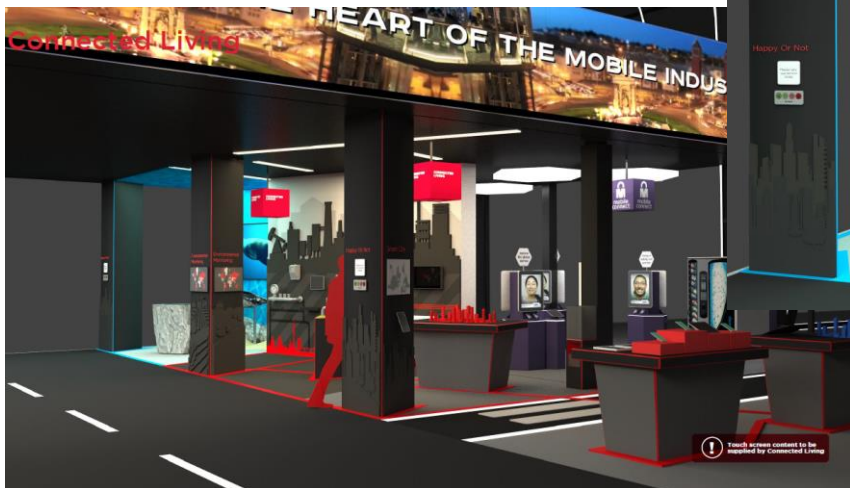Bin sensors

LTE-M Showcase Winner:
RM2
Smart Pallet

Innovation City: Explore and Connect in Hall 4

Fira Gran Via, Hall 4
20 IoT demos
12 MIoT demos
MIoT dev kits display

New GSMA Mobile IoT Ready to Launch Report

Mobile IoT Ready to Launch Report

- ✓ MIoT Pilots launched in the past 12 months
- ✓ Profiles of 13 operators piloting MIoT
- ✓ Multiple case studies

Thank you