



MAKE BREAK INNOVATE WITH MOBILE IoT



GSMA
AMAIA WHITE
PROGRAMME MANAGER, MOBILE IoT





MOBILE IoT TODAY



**131 commercial
launches in 56 markets**



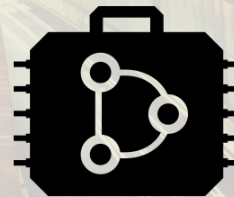
**47 IoT Labs
in 21 countries**



**Ecosystem: 2600+
members**



**Industry-wide support from
100+ MNOs & vendors
worldwide**



**Commercially available:
110+ modules and
30+ dev kits**





MOBILE IoT TECHNOLOGIES

Ideal Solution for Low Power Wide Area (LPWA)

KEY FEATURES

Low Cost Module

Better Coverage

Long Battery Life

Low Data Needs

2-Way Communication

KEY BENEFITS

3GPP Standards

Secure

Integral Part of 5G:
complimentary
technologies

Global Coverage

Scalable

Long-Term Status:
3GPP has confirmed
Mobile IoT to evolve with
5G standard

CHOICE OF TECHNOLOGIES





MOBILE IoT IN THE 5G ERA

LTE-M and NB-IoT as deployed today,
are part of the 5G family

LTE-M and NB-IoT will continue to co-
exist alongside other 5G components

LTE-M and NB-IoT can operate
in a 5G NR band

Mobile IoT / Massive IoT / LPWA

- Smart cities
- Smart logistics
- Smart metering

Critical Communications

- Autonomous vehicles
- Smart grid
- Factory automation

Enhanced Mobile Broadband

- Immersive video conferencing
- Augmented reality
- 3D video



MOBILE IoT IN THE 5G ERA



**LTE-M and NB-IoT as deployed today,
are part of the 5G family**



**Fulfills 5G requirements for
Massive IoT**

**LTE-M and NB-IoT will continue to co-
exist alongside other 5G components**



**Can be deployed as part of a
5G network**

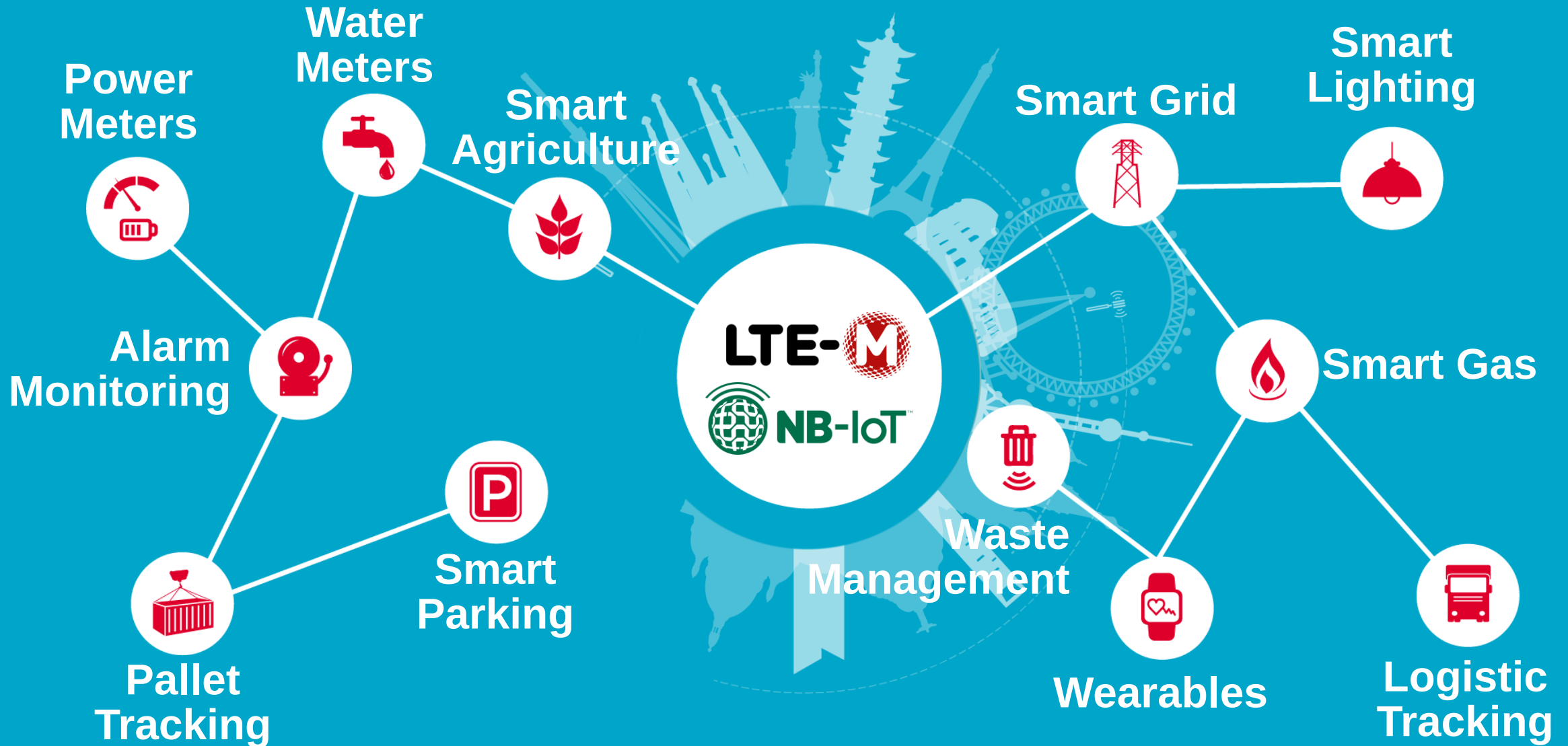
**LTE-M and NB-IoT can operate
in a 5G NR band**



**Enables smooth operator
migration path to 5G NR bands**



MOBILE IoT USE CASES





USE CASE EXAMPLE: HEALTH

The AT&T LTE-M network enables Bodyport to move medical care from hospital to home with a smart scale that transmits patients' cardiovascular data to remote care teams.

- Device can detect signs of early cardiovascular disease
- LTE-M network supports explosive growth of IoT devices
- Very low power consumption enabling a long battery life
- Wide indoor penetration for coverage even when tucked away deep in an interior bathroom

AT&T Customer Story: [Bodyport Smart Scales](#)



AT&T Business



VOICE OF A VIBRANT ECOSYSTEM

MOBILE IoT INNOVATORS

1700+ companies

EVENTS

Showcases, Meet-Ups, Q&As

NEWSLETTERS

Monthly briefings on the latest news, case studies, market developments

GSMA SUPPORT

100+ MNOs and Vendors

RESOURCES

Modules, Development Kits, Resource Library

DIRECTORY

The official industry index for companies working with LPWA technologies in licensed spectrum

ASK THE MOBILE IoT EXPERTS

Access to leading industry experts and Mobile IoT pioneers

Mobile IoT Innovators membership is free and open to all developers and companies interested in Mobile IoT technologies.

www.gsma.com/mioti





MOBILE IoT INNOVATORS

Success Story: BeWhere

- Early member since 2017
- Actively participated in the community and showcases, built valuable relationships and leveraged the platform for increased visibility
- Working with over 10 mobile operators globally
- In less than two years since the launch of their Mobile IoT solutions has secured tens of thousands Mobile IoT product orders
- \$4 million capital raise that included a major operator, seeing their revenues more than double year over year during the first year of Mobile IoT sales, from \$1.7M to \$3.6M





GSMA INTERNET OF THINGS

Find out more: www.GSMA.com/IoT

Get in touch: IoT@GSMA.com

LinkedIn: www.gsma.at/IoT