



# 2018: Shaping the Gigabit Society

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# Telecoms 2018



**Data Growth**



**IoT**



**Convergence**



**Net Neutrality**



**Electronic Code**



**GDPR E-Privacy**

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**Disney + FOX**

**AT&T + TimeWarner**

**Apple + SHAZAM**

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Technofear?

Smart tech =  
Social  
Solutions



# 5G technology: the enabler of the Gigabit Society

Enhanced Speed & Capacity  
**10+ Gbps**



Virtual reality



Education



Collaboration

Massive Communications  
**1m objects/km<sup>2</sup>**



Smart Meters



Wearables



E-Health

Latency  
**1-10msec**



Industry 4.0



Smart Cities



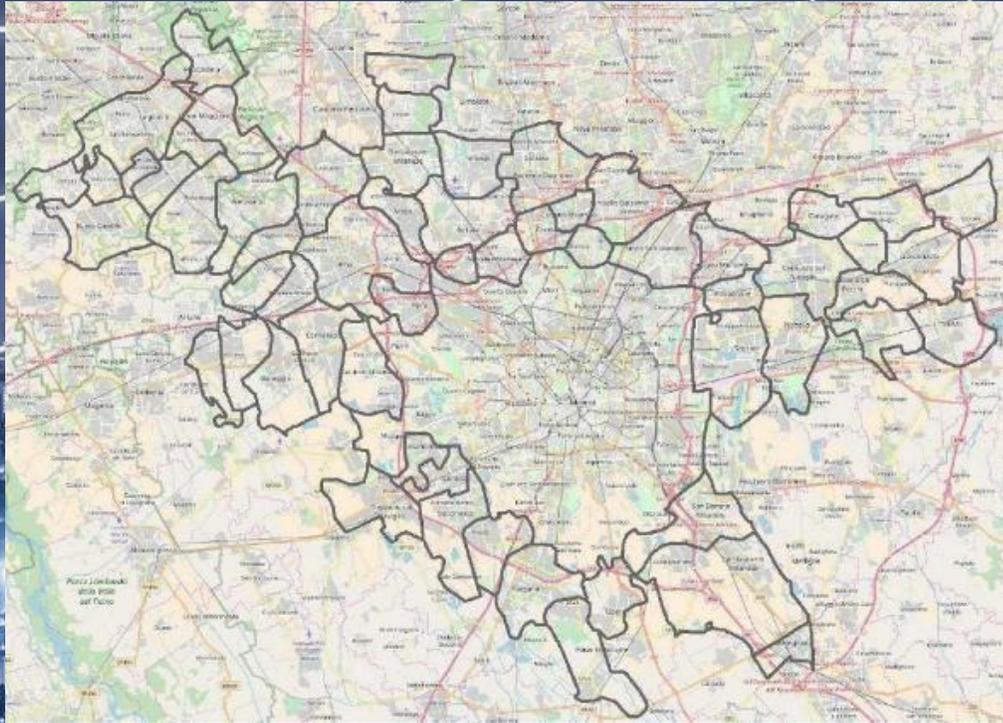
Connected vehicle

5G



# 5G trials in Milan

3.6 – 3.8 GHZ band



City coverage

2018	2019
80%	100%

38 partners



# Pilot cases



**Health & Wellbeing**  
Connected ambulance



**Automotive & Mobility**  
Cooperative urban cross traffic



**Safety & Surveillance**  
Drones for aerial security



# Technology for Gigabit Society

## Gigabit Infrastructure

- Spectrum life/cost
- Private investment
- Neutrality of public subsidies

## Investments + Competition

- Genuine co-investment; no regulatory holidays
- Competitive access
- “Same service same rules”
- Anti-trust safeguards on dominance

## Experimentation & Ecosystems

- Public/private cooperation
- City/regional/state orchestration
- Incentives to start up and pilot

5G as long-term win for citizens and businesses, not just auction cash windfall



# We are optimistic...



Technology



Public/private



Competition/  
no dominance



Productivity



Health



Security



Jobs



Transportation



Urban life



Education

... we will  
build more  
optimistic  
societies!

