



2018: Shaping the Gigabit Society

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Telecoms 2018



Data Growth



IoT



Convergence



Net Neutrality



Electronic Code



GDPR E-Privacy



Technofear?

Smart tech =
Social
Solutions



5G technology: the enabler of the Gigabit Society

Enhanced Speed & Capacity
10+ Gbps

Massive Communications
1m objects/km²

Latency
1-10msec



Virtual reality



Education



Collaboration



Smart Meters



Wearables



E-Health



Industry 4.0



Smart Cities



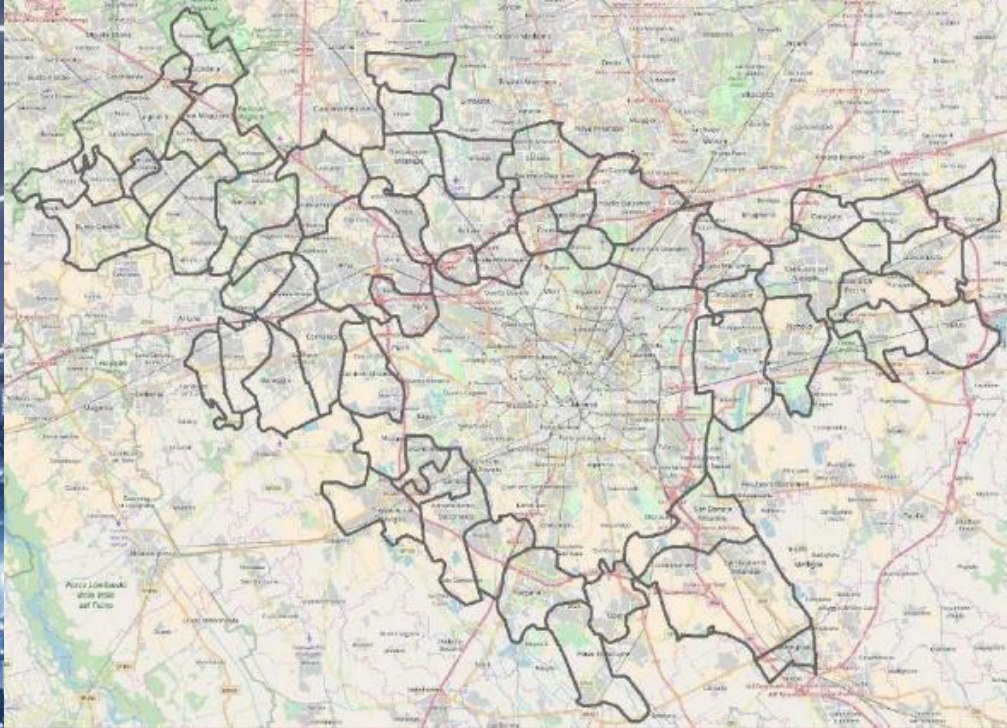
Connected vehicle

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!

