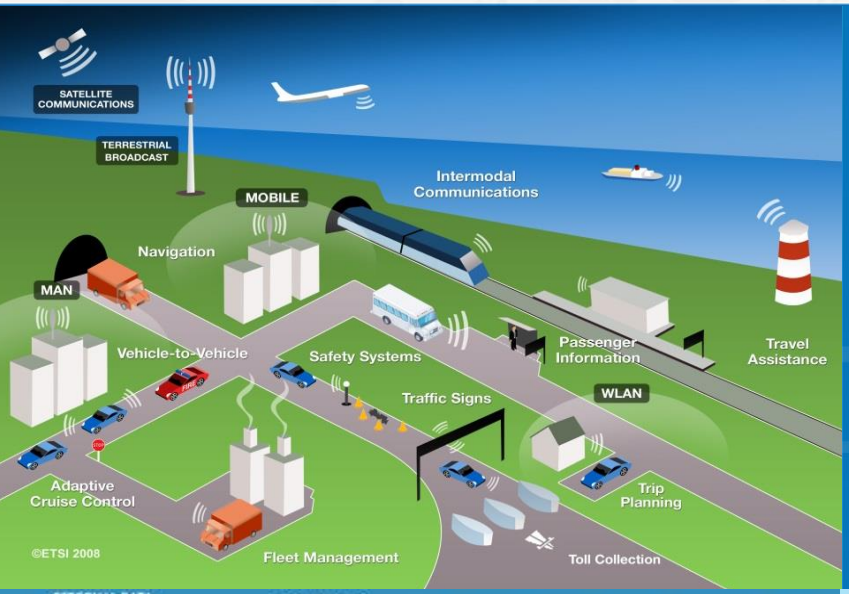
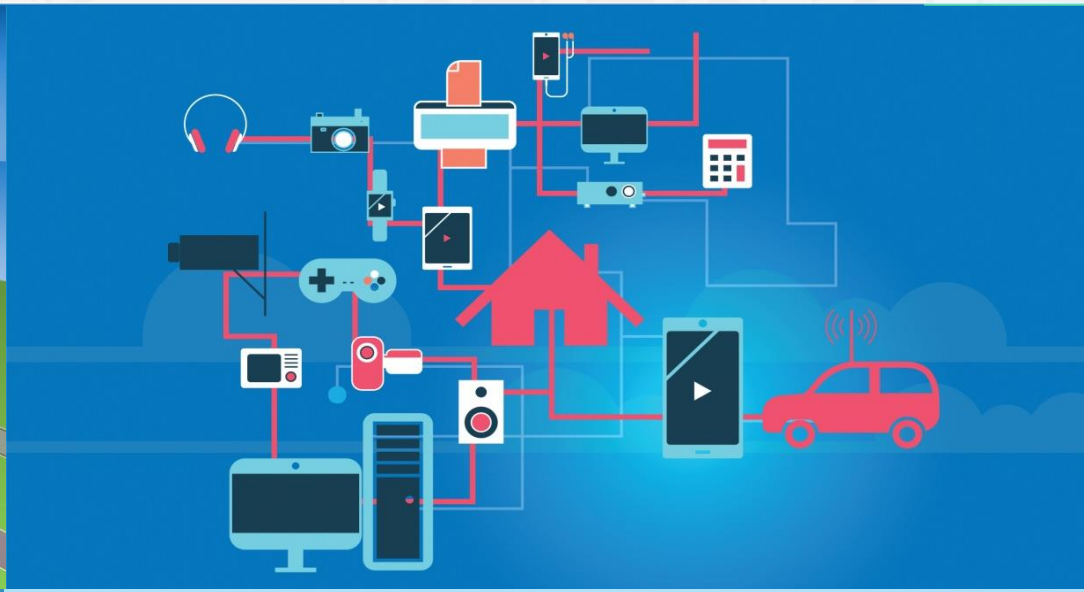
Hot&Cold

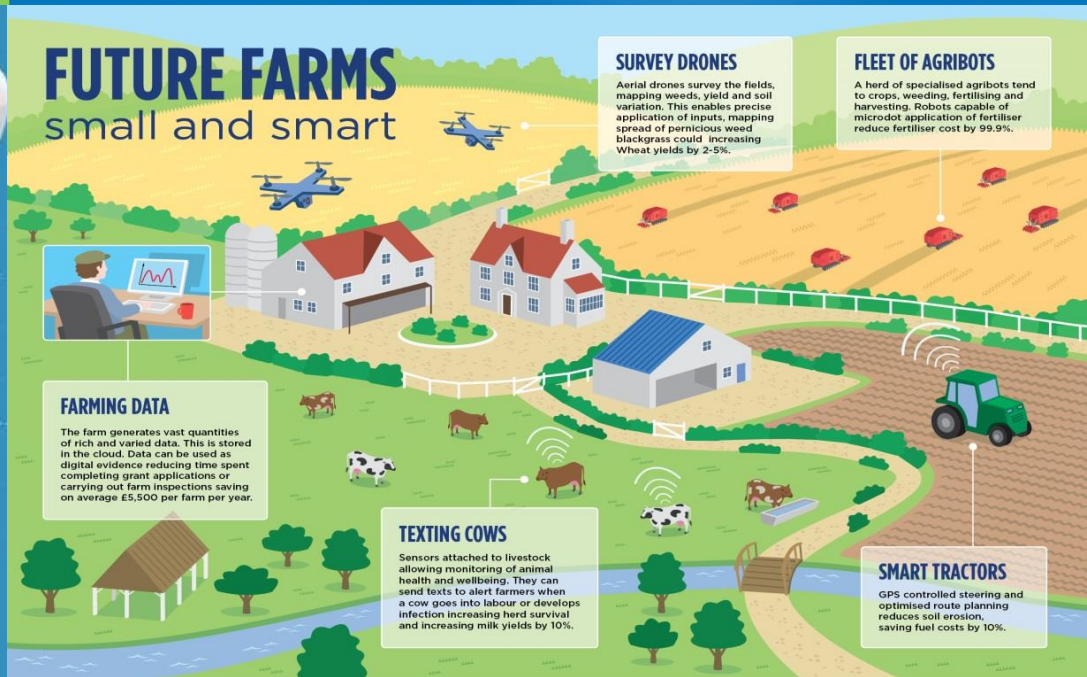
Internet of Things

Internet of Things

EXPLICO tech







EXPLICO tech

Skiers
Location
Health conditions
Weather conditions
Snow level and texture
Lifts
Groomers

Improve operation and services each year

Control
Optimise
Automate

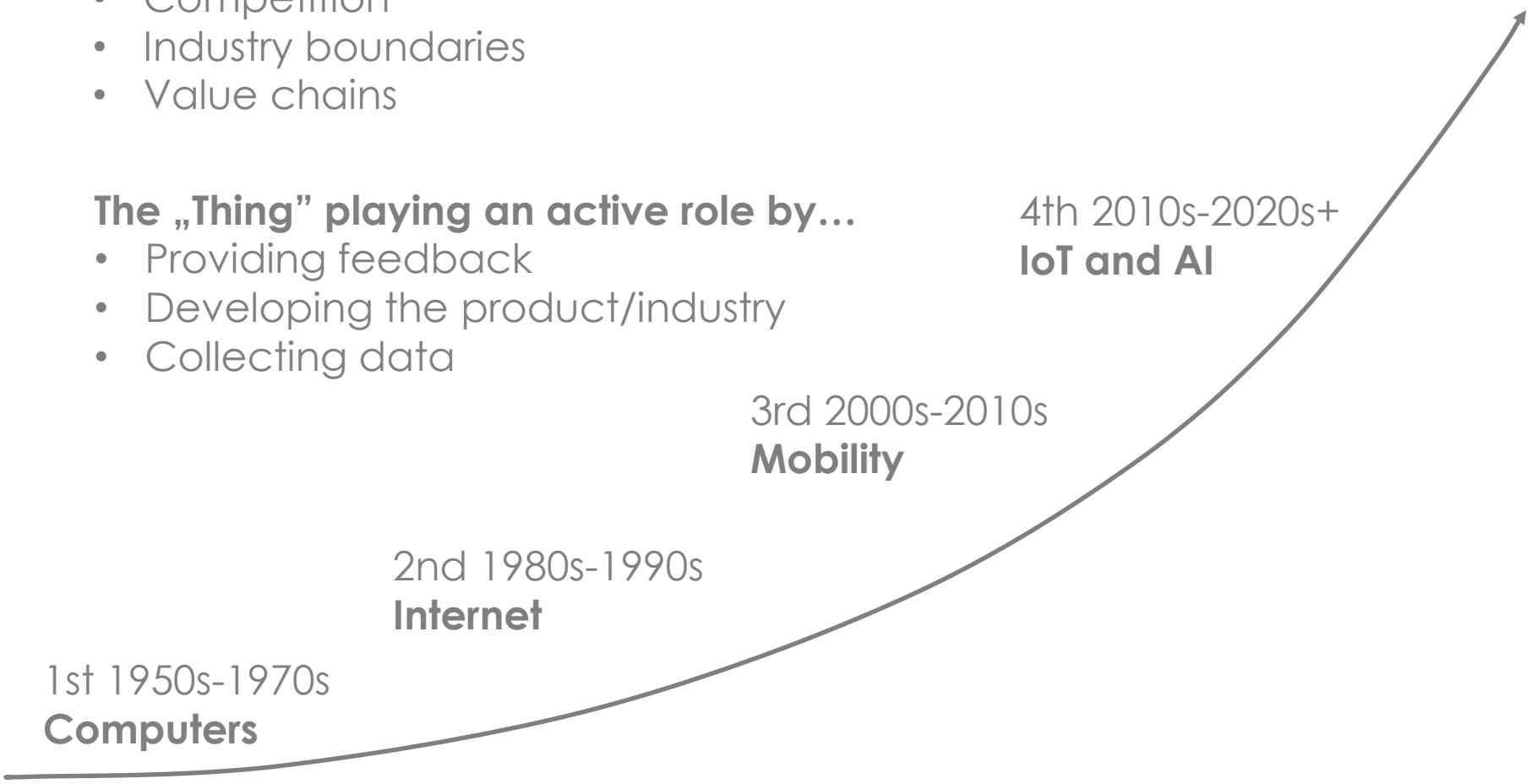
The Revolution

Transforms & disrupts …

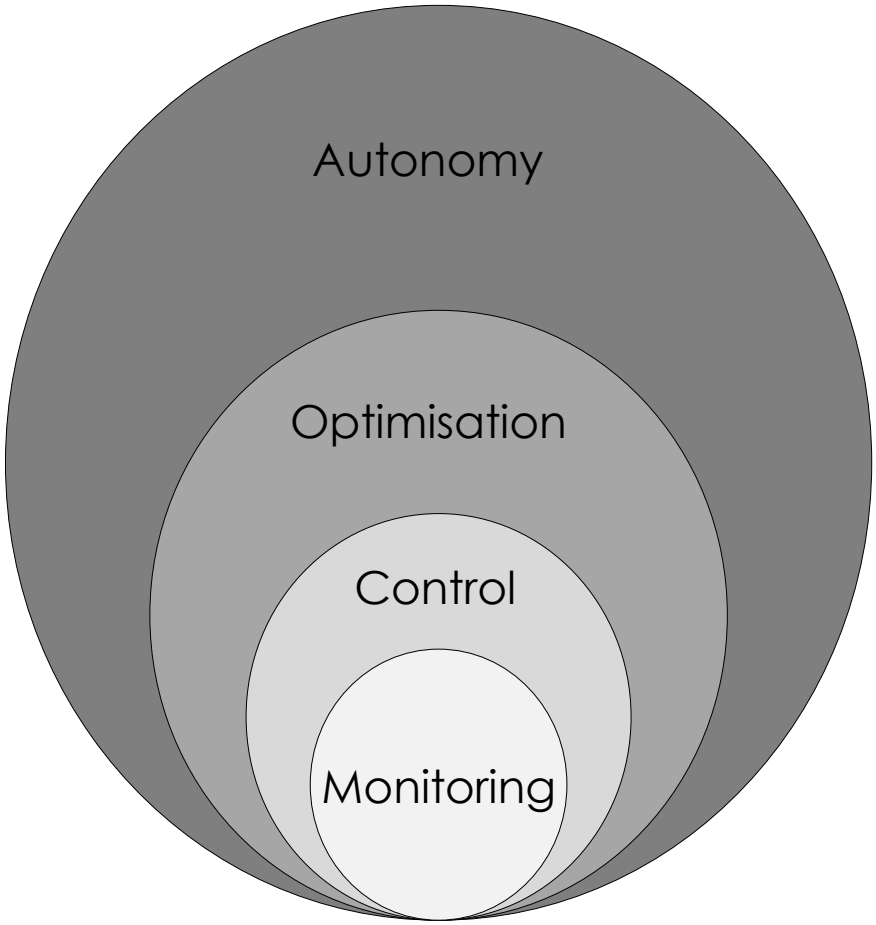
- Products
- Competition
- Industry boundaries
- Value chains

The „Thing" playing an active role by…

- Providing feedback
- Developing the product/industry
- Collecting data



The Revolution



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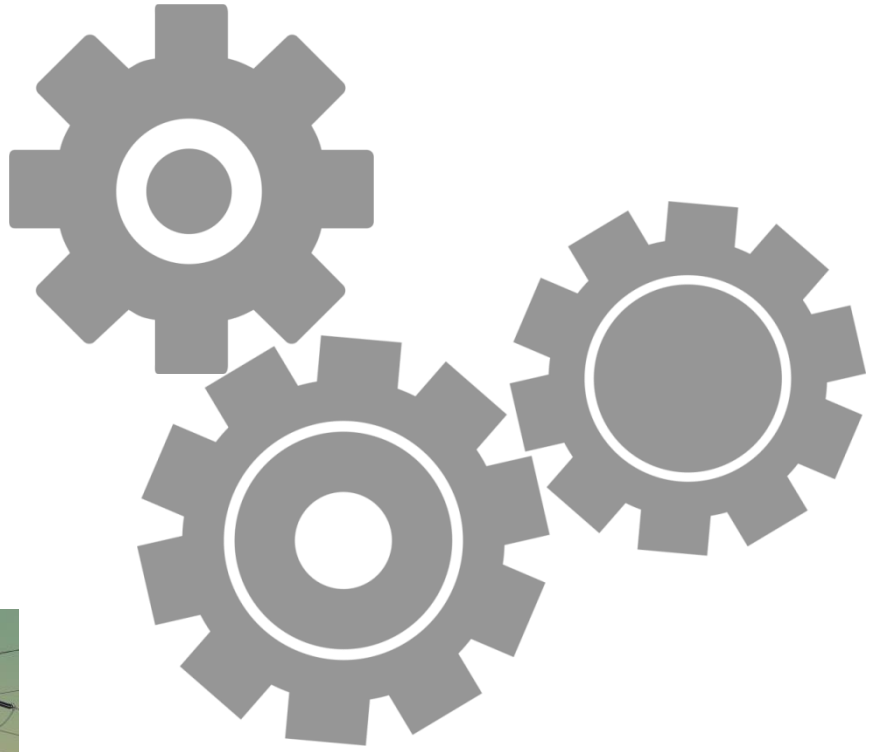
Systems



Systems of Systems

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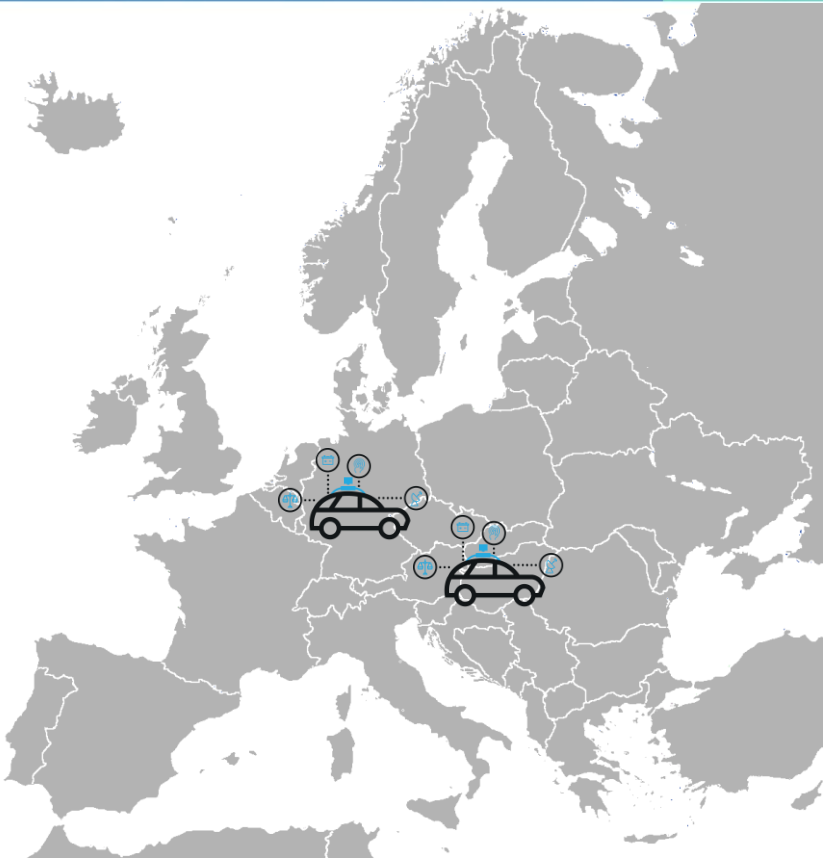
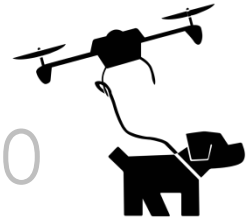
1. Legal system



2016

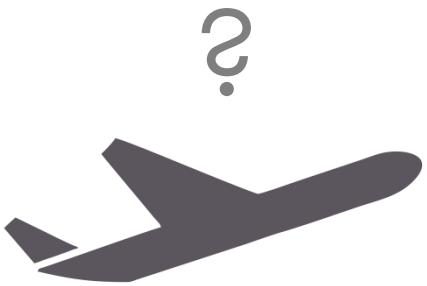
2020



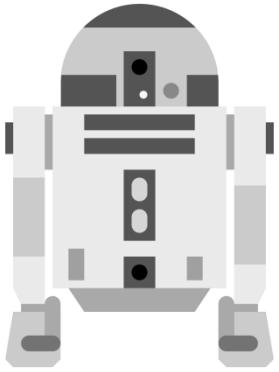
2. Governmental intervention

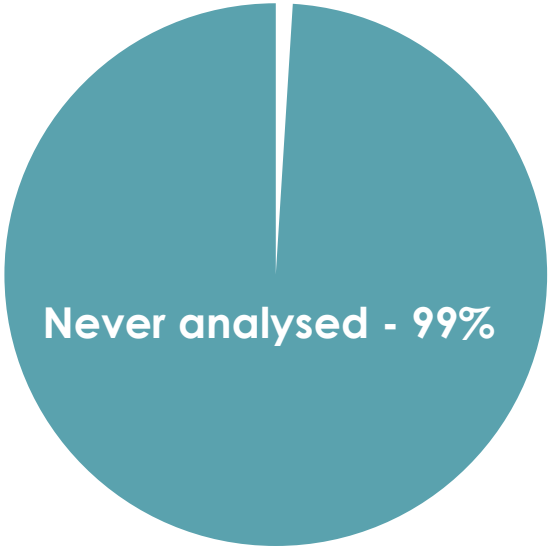
3. Data ownership, data processing and data protection

2020 – 10 times more data



Artificial Intelligence





4. Interoperability and standardisation

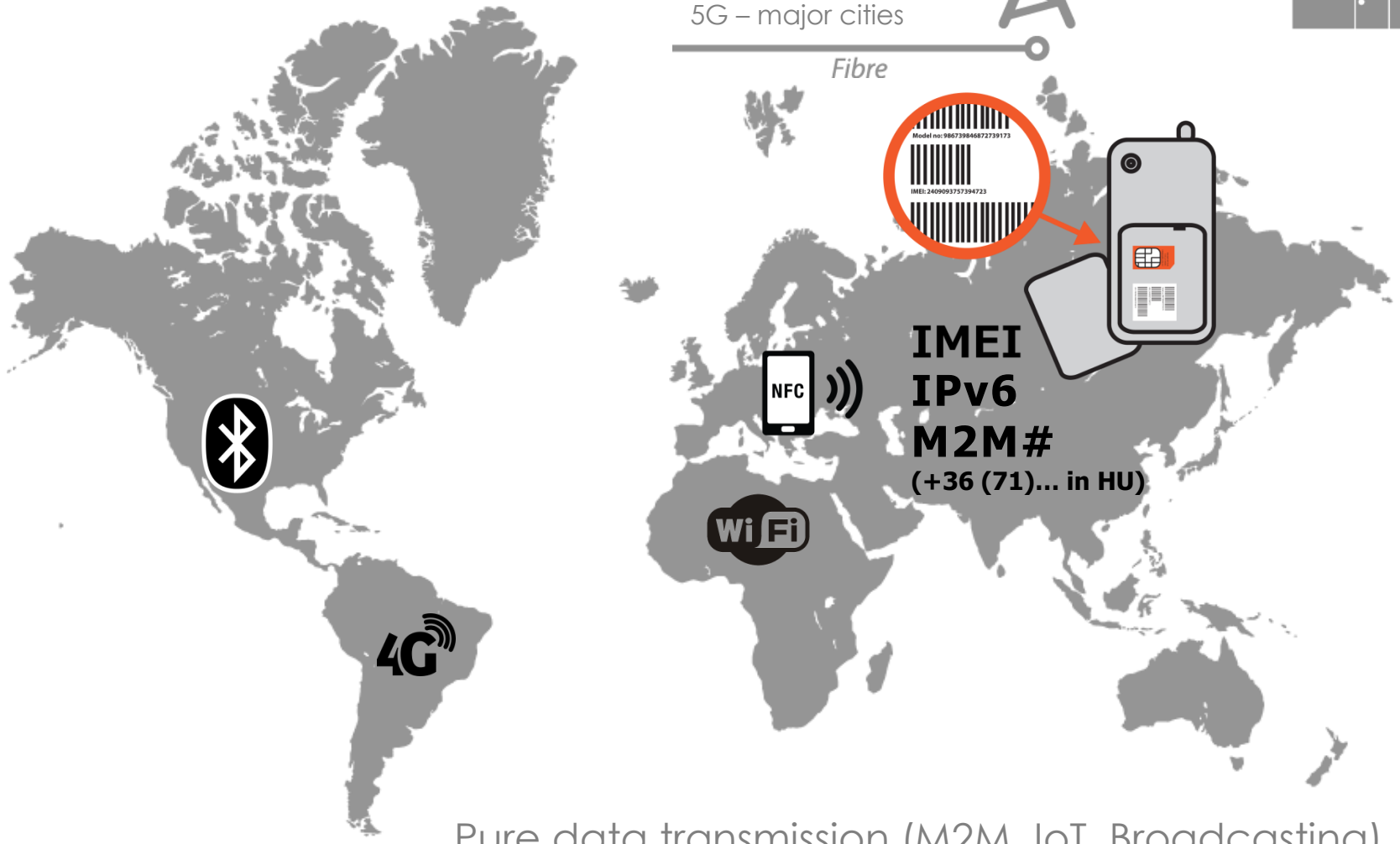
NFC

NB-IoT

5. Infrastructure

By 2020 in the EU
30 Mbps – 100%
100 Mbps – 50%
5G – major cities

Fibre



Pure data transmission (M2M, IoT, Broadcasting)

6. Technological needs

Power consumption

Cyberattacks

High vs. Low encryption?

Innovation vs. Security?

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7. Big players' cooling impact

vs.

IoT takeaways

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Unlimited challenges
Lots of excitement
Room for creativity
Need for professionals

Huge impact
Unprecedented development
New industries/jobs/clients
Opportunity (self-expression/creativity)

Constant learning
Inter/Multidisciplinary expertise
Good understanding of products/clients/regulation

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Internet of Things

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