THE INTERNET OF THINGS

PUBLIC TRANSPORT
- Autonomous buses with autonomous routes.
- Car-sharing.

SMART MOBILITY
Traffic flow analysis, programmable signalling, car park sensors, etc.

WASTE MANAGEMENT
Optimisation of collection routes, comprehensive control of all waste.

AGRICULTURE
- Programmed watering based on weather forecasts.
- Driverless tractors.

ROBOTICS
Robots will occupy 45% of current jobs.

ELECTRICAL GRIDS
- Smart energy generation and transmission.
- Smart meters.
- Reduction of CO_2 emissions.

HEALTH
- Personal monitoring devices connected to the health care system.
- Telemedicine.
- Management of health resources big data.

DOMOTICS/ SMART HOME
Connected appliances, voice assistants, remote surveillance via mobile, remote HVAC management, etc.

RETAIL
- Enhancement of customer's shopping experience.
- Customised offers based on interactions of the customer in social networks and advertising.
- Retail intelligence.

WATER
- Sensors to detect and prevent network leakage.
- Centralised data for end-to-end management.

INDUSTRY
Cyber-physical systems (CPS), which combine physical infrastructure with software sensors, communications and process control.

DEVICES CONNECTED IN 2020
25 BILLION
26 CONNECTED OBJECTS PER POP.

DISTRIBUTION BY SECTORS
40% INDUSTRY
30% HEALTH
8% RETAIL
7% SECURITY

SMART METERS IN 2020
144 MILLION IN EUROPE

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