



**5G**

**The Connected Society Enabler**

**Romeo Solano Roca**

**Director of Sales**

**Telecommunications Government & Enterprise**

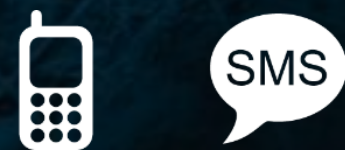
**Romeo.SolanoRoca@ZTE.COM.CN**

# Interesting figures about 5G

- 1. It will make mobile technology even more essential than it is today.**
- 2. It will have an impact similar to the introduction of the automobile or electricity.**
- 3. 5G will fully realize its economic benefits in 2035.**
- 4. In the US, it has the potential of producing more than 12 Trillion Dollars.**
- 5. It will affect every industry of the global economy.**
- 6. By 2035 it will support 22 Million jobs.**

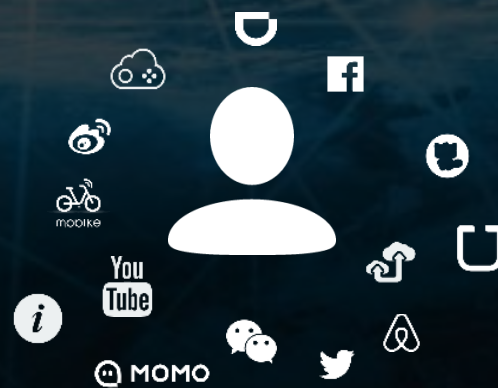
# Revolutionary 5G Era is Coming

## Traditional



Voice Based

## Current



<1G bps



Data Centric

## Future



>10G bps, 1 -5 ms  
latency



Service Guaranteed

# 5G ,The Best Choice to Build a World of IoE



---

**Massive  
Connection**



---

**Extreme  
Experience**



---

**Business  
Innovation**

# Key Perspectives for a Bright 5G



**Time**



**Cost**

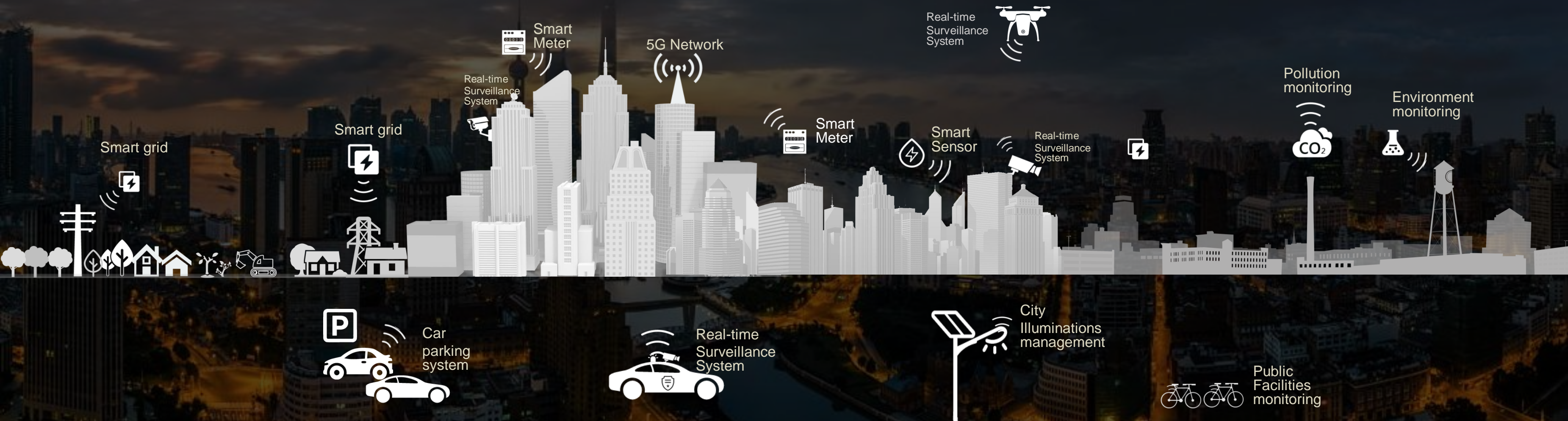


**Ecosystem**



**Business Model**

# How Would 5G Change Our Life?



# What Should We Prepare for 5G?



**Unified  
Standards**



**Persistent  
Innovation**

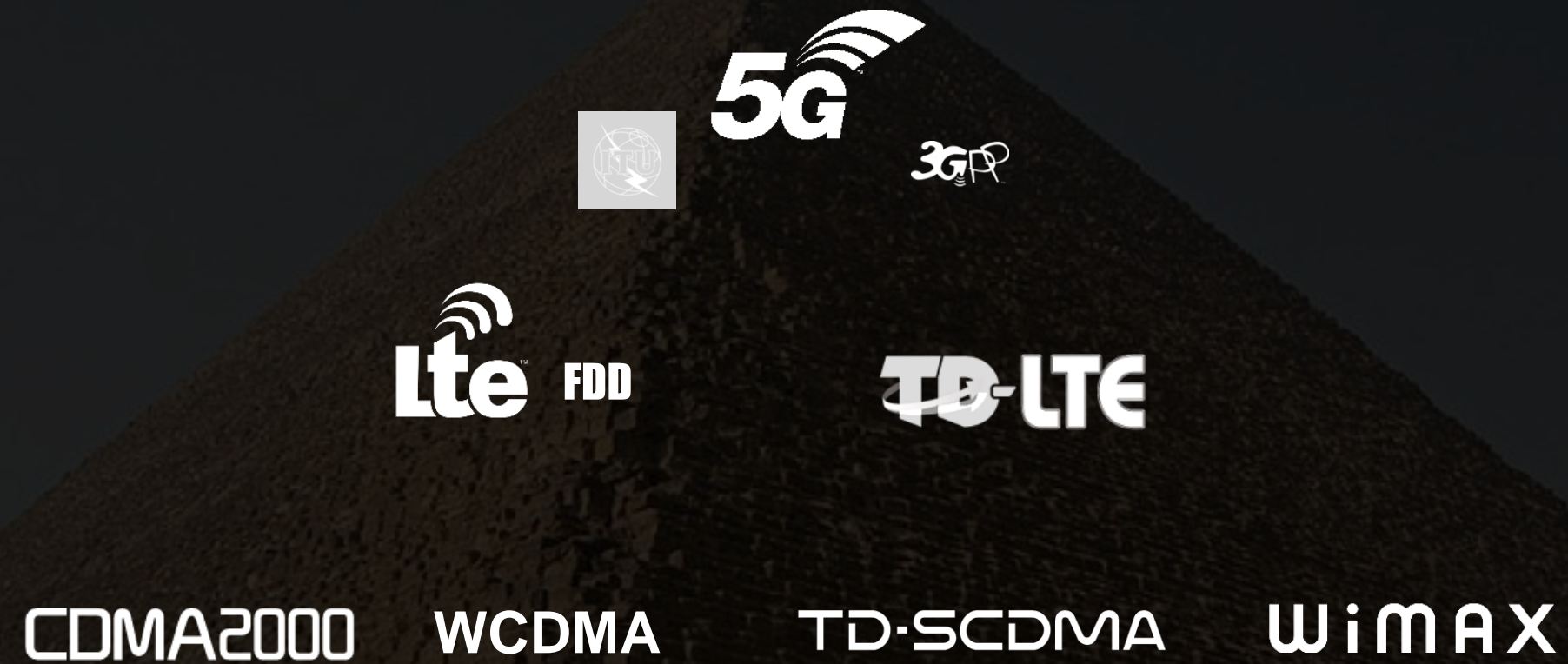


**Cross-Boundary  
Collaboration**



**Commercial  
Practice**

# Global Unified Standards is The Foundation





# Cross-Boundary Collaboration Brings More Vitality



47

Members



Application Scenario



System Architecture



Business Model



Verification



Standards



# Continue Innovating – Collaborating with our Customers

## Practice of 5G-like Business Paves The Way to Future

Massive MIMO

### Narrow Band based IoT



### Narrow Band based IoT



Chipset   Facilities   Platform   Operation

中国移动 China Mobile TDD   SoftBank TDD   China unicom 中国联通 FDD

### LPWAN -Low Power Wide Area Networks

# Together, Let's Turn 5G into Reality

# 5G

 Standards

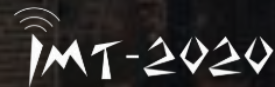
Architecture 

 Spectrum

Practice 

 Technology

Ecosystem 



Telefonica



SoftBank



QUALCOMM



ROHDE & SCHWARZ





**The best way to predict the future is to invent it.**

**-- Alan Kay (1940~)**