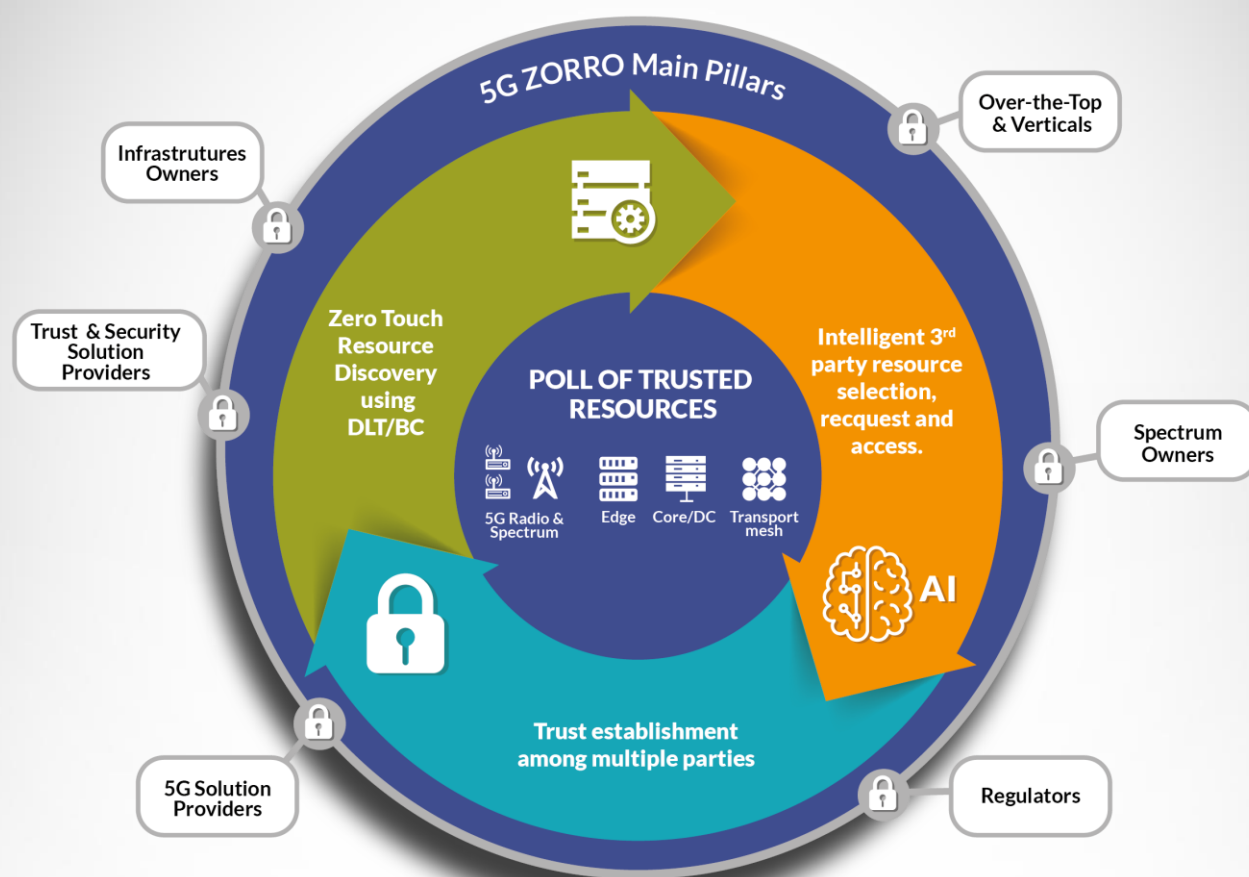


## 5GZORRO Ecosystem

Stakeholders can easily deploy their services across multi-domain and heterogeneous environments, always with Trust and Security

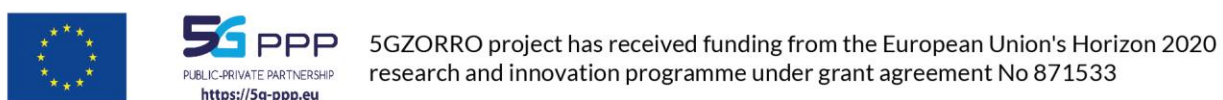
### 5GZORRO Concept and Stakeholders



### 5GZORRO Consortium



### H2020 Funded Project



Path to  
**INTELLIGENT CONNECTIVITY**  
for Everyone, Everywhere

ZERO-TOUCH SECURITY AND TRUST FOR UBIQUITOUS  
COMPUTING AND CONNECTIVITY IN 5G NETWORKS





## 5GZORRO Core Technologies



**Distributed Ledger Technologies (DLT)/Blockchain for Smart Contracts**

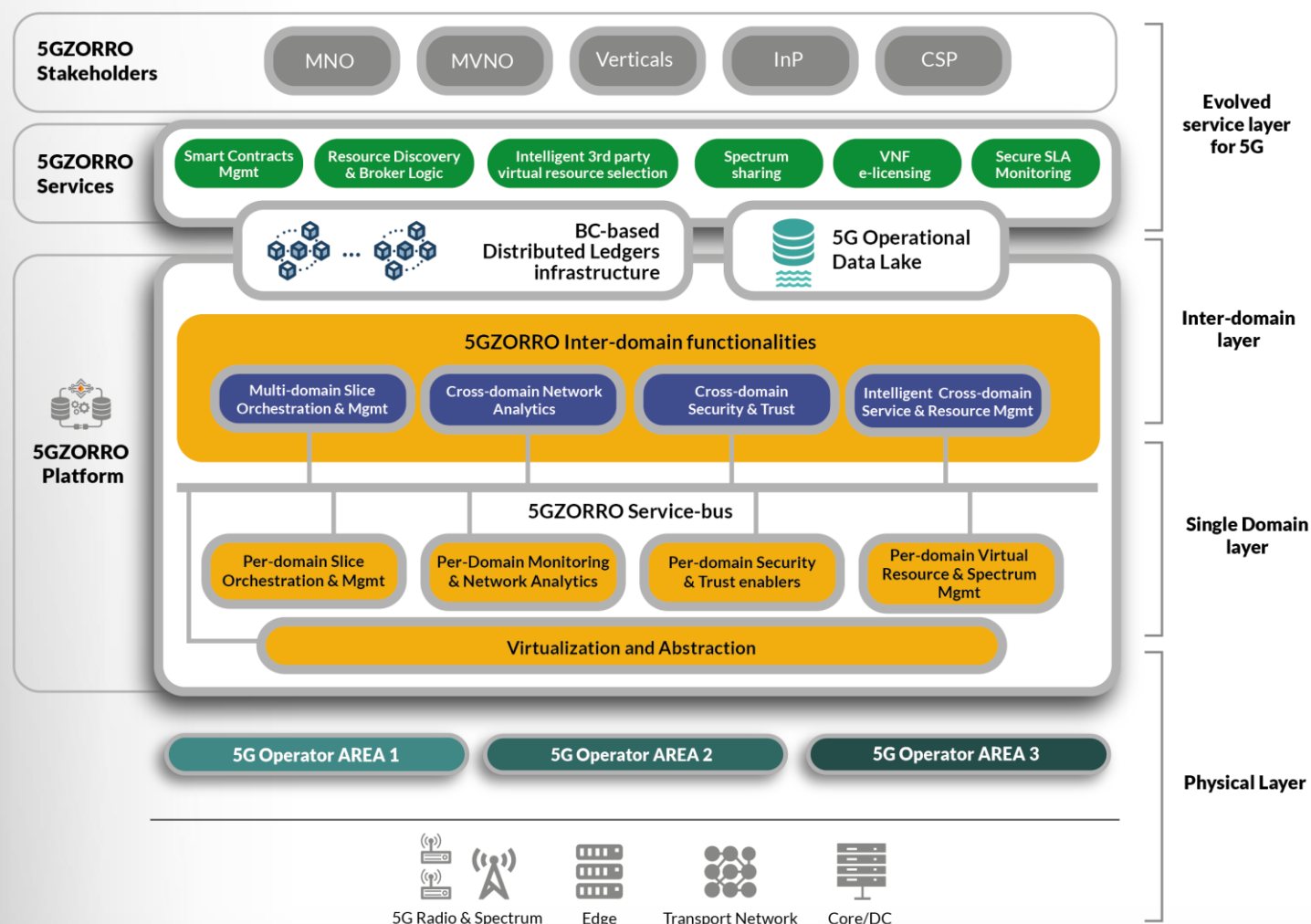


**AI/ML and Data Lakes for intelligent network operations** across multiple operators



**TEEs (Trusted Execution Environments)** for enhanced **Security and Trust**

## 5GZORRO Architecture

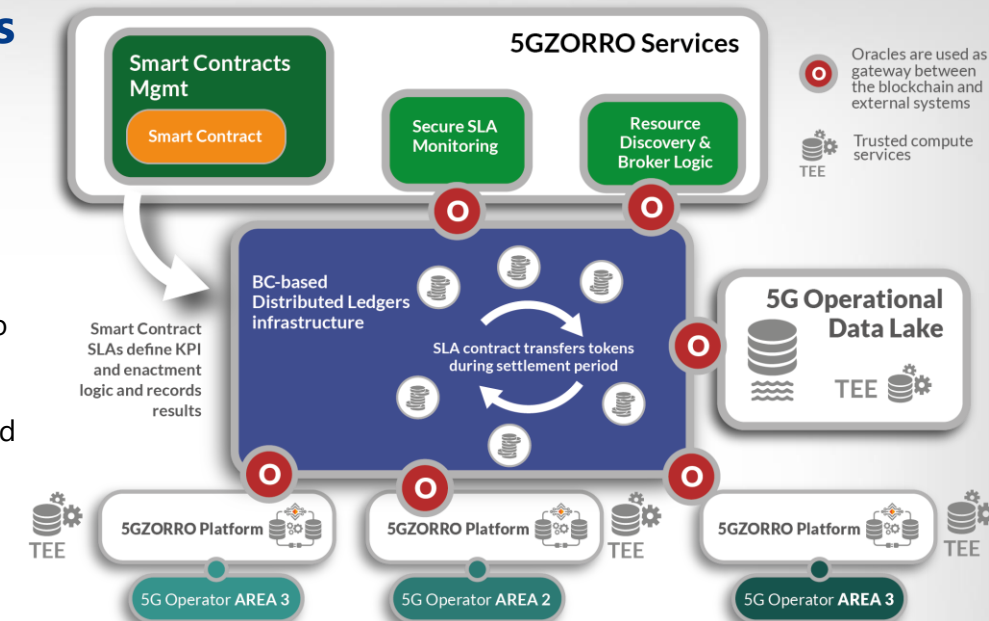


Tested in **5G Barcelona** & **STONIC** from Q1-2021

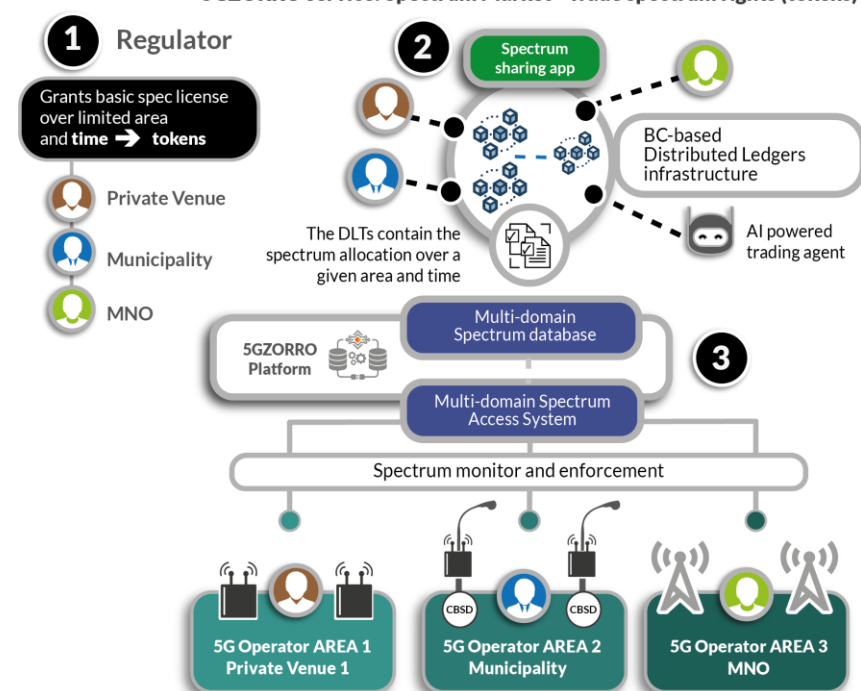
## 5GZORRO Use Cases

### Smart Contracts for Ubiquitous Computing & Connectivity

Network and Computing SLAs to ease automation, with security and trust, of multilateral agreements among telecoms and infrastructure operators



### 5GZORRO service: Spectrum Market - Trade spectrum rights (tokens)



### Dynamic Spectrum Allocation

DLT-based Spectrum Market for real-time spectrum allocation among diverse business agents (public Wi-Fi, LTE, 5G)

### Pervasive vCDN Services

Secure, autonomously scalable and pervasive virtualized content distribution networks across multiple operators

