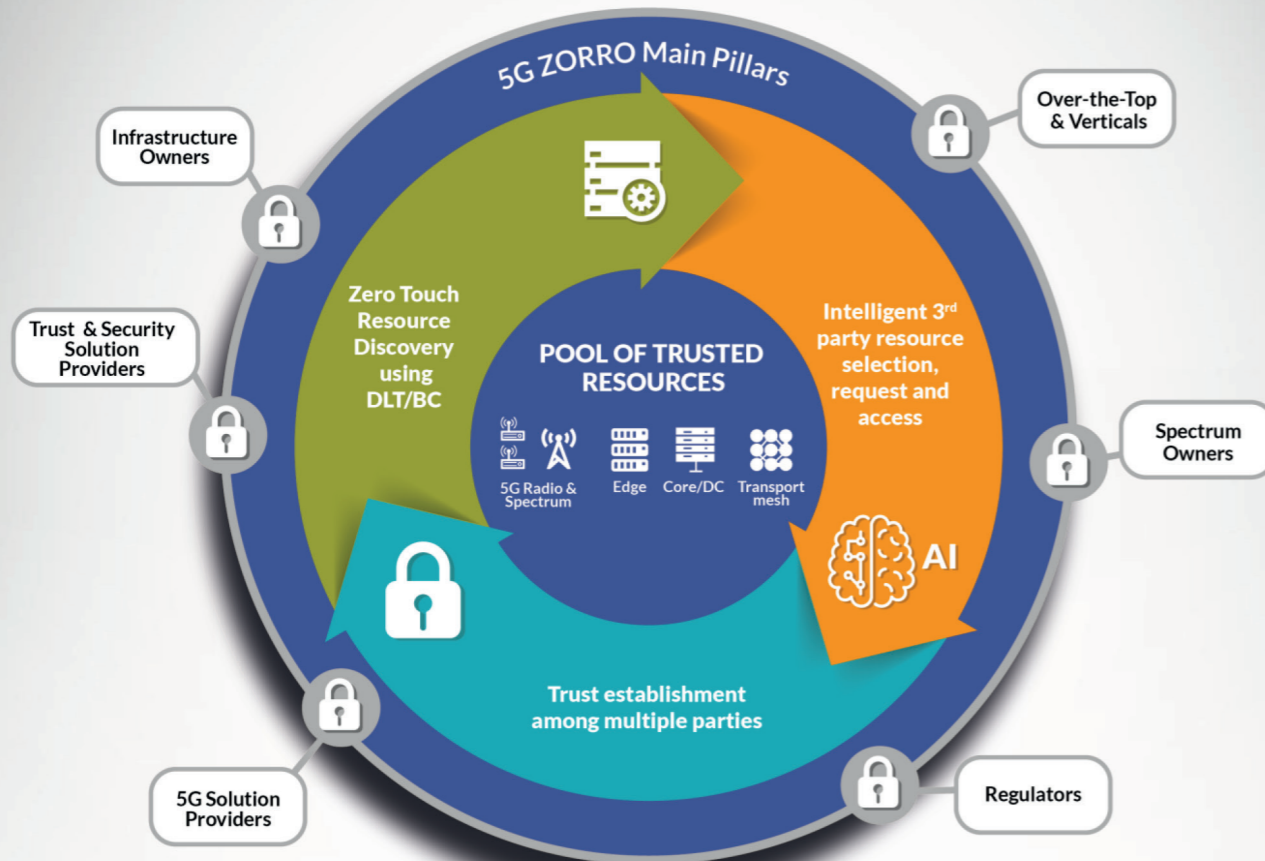


## 5GZORRO Ecosystem

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



### Meet the team behind the innovation



5GZORRO project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871533

Become part of our Ecosystem



The future of 5G networks in a secure and trustful manner

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

To discover the innovative approach of 5GZORRO visit:

[www.5gzorro.eu](http://www.5gzorro.eu)



## Challenges

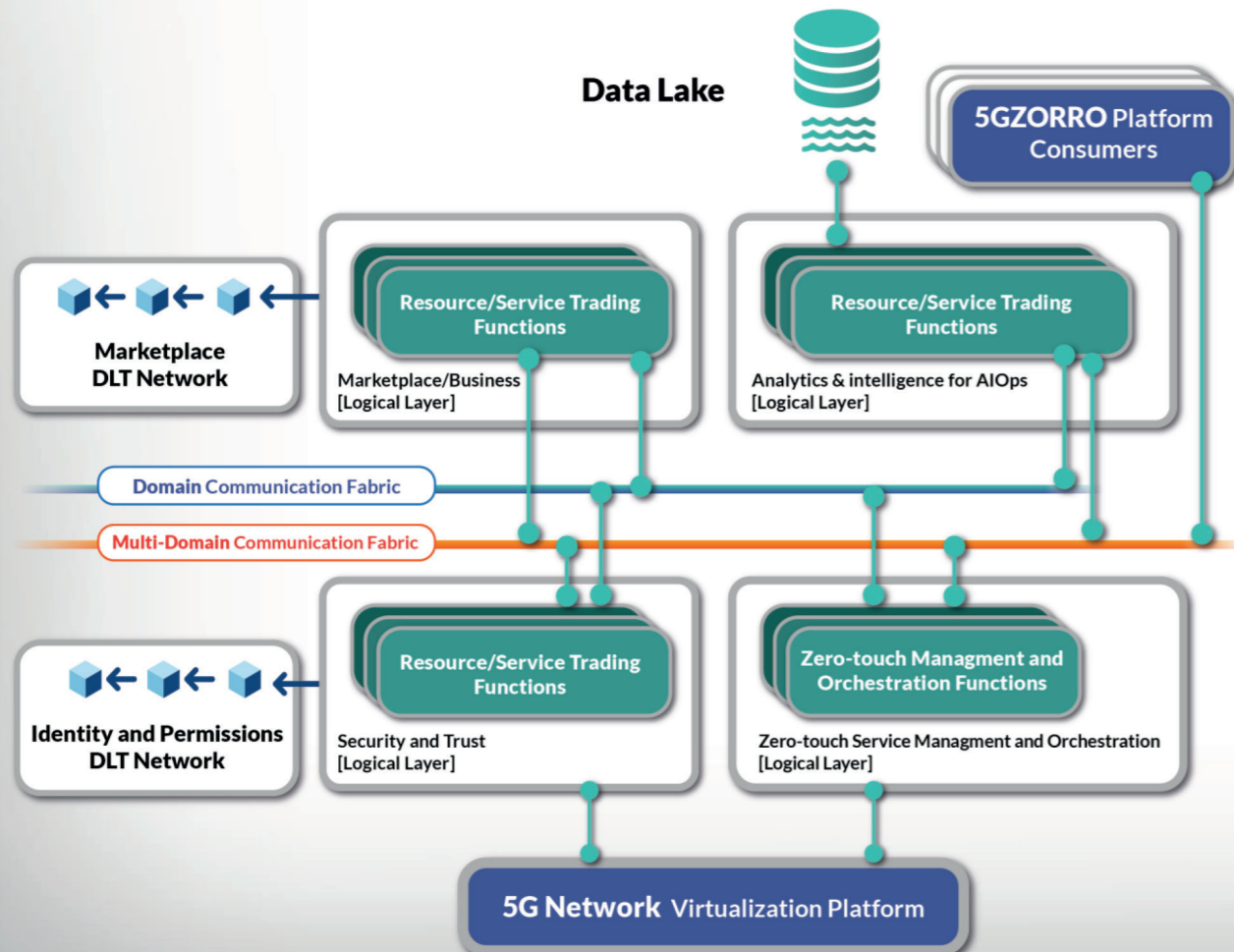
Transform the 5G network into a low energy distributed computer

- Embrace full automation of network and service management
- Need for a multi-party distributed model to develop a profitable business in 5G
- Establish cross-operator/cross-domain service chains, with security and trust

## Solution

An architecture for future 5G networks

Tested in



## Core Technology

Our open-source building blocks for 5G networks

- Distributed Ledger Technologies (DLT)/Blockchain for Smart Contracts
- AI/ML and Data Lakes for intelligent network operations across multiple operators
- Trusted Execution Environments (TEEs) for enhanced Security and Trust

## Use Cases

Different requirements and validation scenarios

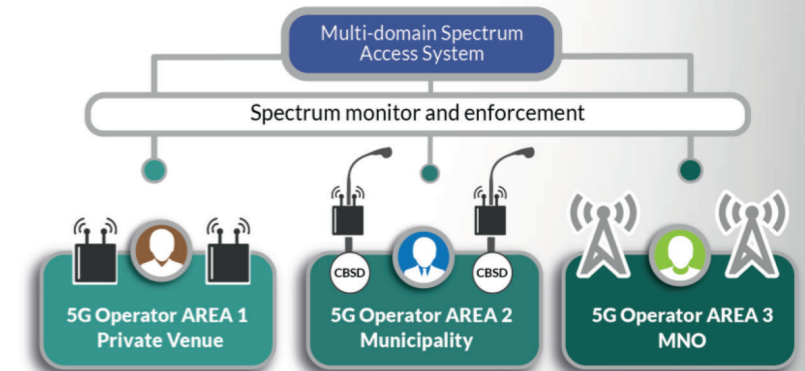
### Smart Contracts for Ubiquitous Computing & Connectivity

Network & Computing SLAs for secure and trustful automation of multilateral agreements among operators (telco & infrastructure).



### 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.

