



VARNACHAIN

By CryptoVarna



WHAT IS CRYPTOVARNA?

[CryptoVarna](#) is an independent organization, based in Varna, Bulgaria, promoting and advocating the blockchain technologies and decentralized solutions. We organize events, perform workshops, participate in projects and present local companies to the world.

MEETUPS





VARNA

500,000+ population
6 universities
Low cost of living

WHAT IS VARNACHAIN?

**PUBLIC NETWORK INFRASTRUCTURE for
SMART CITIES**



IoT



LPWAN



INTERNET



BLOCKCHAIN

WHAT WILL BE USED FOR?

› SMART CITY

Communicating and controlling with the city environment

› SMART STATISTICS

Collecting data from sensors and storing securely

› EDUCATION

Creating test and educational projects

› PAYMENTS

Token economy, loyalty programs, paying for public goods

PROJECT EXAMPLES

Parking

Smart parking systems with volume sensors, apps for spot reservation and payment in own coins

Monitoring

IoT for temperature, humidity and pollution, transmitting through LoRa and storing securely on the blockchain

Street Dogs

Solving the problem with the street dogs and the related corruption utilizing NFC and blockchain

Statistics

Collecting statistical information, collaborating with NSI and analyzing useful information

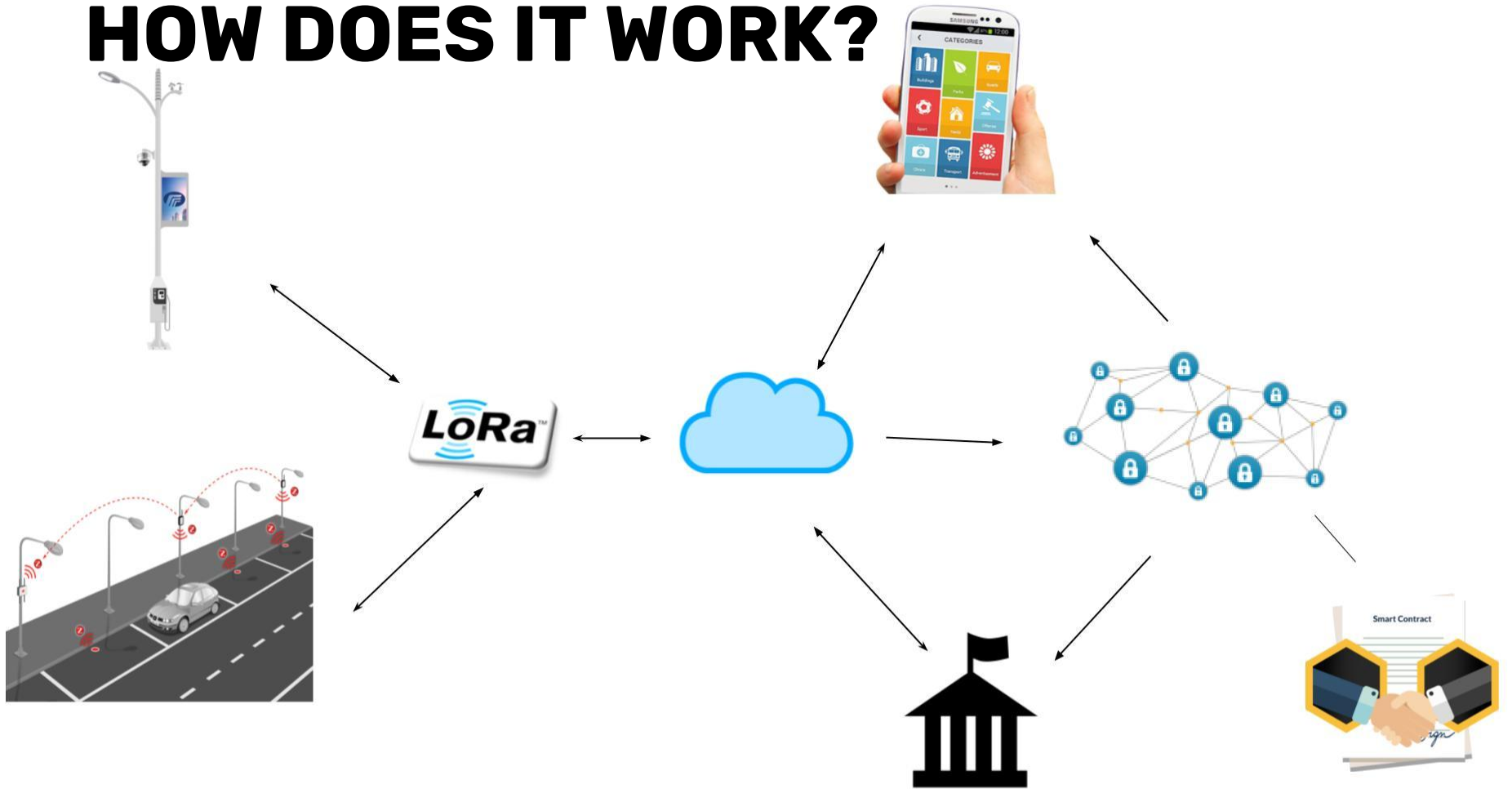
Payments

Creation of a coin that can be used as a payment instrument for some city services. Thus also limiting some services to residents only

Records

Storing all public records securely to blockchain and providing public and free interface to them

HOW DOES IT WORK?



THE BLOCKCHAIN

- › **Supporting Multiple Blockchains**
- › **Smart Contracts Enabled**
- › **Starting with Ethereum**
- › **Proof-of-Authority**
- › **Distributed between Authorities, Business and Nonprofit Organizations**

ROADMAP



Project Started

We started defining the idea and working on the proof-of-concept



Pilot Projects

First version of the network will be released as well as the first applications running on it



Stability

Smart City projects will operate on stable public network



Future

Other cities or countries can adopt our solution



Galin
Dinkov



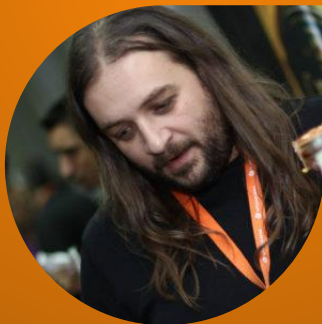
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