







# INTRODUCTION OF EPS GLOBAL AND THE CITYZEN SYSTEM

Q1, 2021



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 EPS DESIGNS, DEVELOPS, OPERATES AND SELLS TAILOR-MADE INTELLIGENT TRAFFIC DEMAND MANAGEMENT SOLUTIONS FOR CITY GOVERNMENTS AND PARKING OPERATORS.

- **EPS** PROVIDES FULL SUPPORT ON ITS SMART CITY PROJECTS THAT INCLUDES: PREPARATION, PLANNING, BUSINESS MODELING, FINANCING, IMPLEMENTATION AND OPERATION.

**EPS** OFFERS PROFESSIONAL OPERATION MANAGEMENT TEAM AND INTERNATIONAL LEADING EXPERTISE AND EXPERIENCES.







EPS Global offers it's clients, mostly city governments, a complex solution for their parking problems, in form of a smart parking system –possibly fully financed by EPS- with a long term professional management service.

## OUR MAIN PRODUCT IS OUR CUTTING EDGE SOFTWARE SYSTEM NAMED CITYZEN

We realize the smart parking system allowing the collection, systematization, accessibility and utilization of all parking related information/data with state of art technology. In case our clients want a complex solution, EPS Global as also an operational service provider, is long term managing the smart parking system.

The most beneficial social impacts of our projects are:

- $\checkmark$  the reduced search time for a parking space
- ✓ the significantly less cars that are hunting for a parking spaces, thus fewer participants in the urban traffic causing congestion,
- ✓ even tens of thousands of tons per year emission savings
- ✓ all parking data (occupancy and turnover rates, average parking time, financials, etc.) for the Government for traffic planning and policy decisions
- ✓ reducing operation cost for the operator(s)
- ✓ More satisfied drivers receiving real services





EPS-GLOBAL is a Hungarian company in Hungarian (majority) & German (minority) ownership, active in parking management technologies development and operation and parking management business field.

The company was founded by private persons with parking industry background in 2012, with the target to collect the Hungarian parking know-how and on this basis, to develop the most advanced parking management system, covering all fields of this business activity (technology, financing, management, know-how transfer, operation)

Hungarian Government acquired shares in November, 2016, resulting that EXIM Bank's Export Incentive Investment Fund, with an investment into the company of EUR 5 million in 2016 and further investment in the amount of EUR 12 million in Q2, 2020, became the largest shareholder (37,5 % share packet)

Project companies held in majority by us (over 50 % of the shares) in China, these are joint ventures with our Chinese partner ZTE ITS Company Limited. In the PRC we have two projects already contracted and partly under operation, a further one is under contracting (tender already won).

## **Reference projects**:

- 20 year Build-Operate-Transfer cooperation with Yangzhong city in Jiangsu Province. Concession contract to develop and operate smart parking system of the city with a scope of 10k parking spaces. Currently app. 1000 parking spaces construction finished and under operation.
- 25 year PPP cooperation with Chifeng city in Inner-Mongolia Autonomous Region. Concession contract to develop and operate smart parking system of the city with a scope of 20k parking spaces. Currently app 7000 parking spaces construction finished and under operation.
- 30 year PPP cooperation with Zhangjiakou city in Hebei Province, which is a venue location of the 2020 Winter Olympics. Scope of the tender is to sign a concession contract to develop and operate smart parking system of the city with a scope of 25k parking spaces to be developed and operated for 30 years. Consortium partner besides ZTE ITS also China Communication Construction Company Group, which is listed as Nr. 78 company on the Fortune500 list.











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## **CURRENT PROBLEMS OF PARKING**

## Insufficient supply for parking spaces

Difficult to find parking spaces

Long parking time

## Helpless disorderly parking

Will inevitably be punished

Lack of basic data



#### **Uneven service efficiency**



#### **Incomplete systems and laws**



Serious money loss



It has become a rigid public demand to solve the parking problems, which has to be addressed









Lack of decision-making basis



#### Insufficient management experience



High operation cost







## **CURRENT PROBLEMS OF PARKING**



- Fragmented: a wide range of parking management and scattered parking resources
- No standard: no unified standard for access and release of parking space information
- Integration difficulty: the current models can not integrate existing parking resources





### UNIFICATION WITHOUT DISTURBING THE INVIDIUAL INTERESTS





## THE STRUCTURE OF THE CITYZEN SYSTEMS I.





## THE STRUCTURE OF THE CITYZEN SYSTEMS II.



The sensors communicate besides the gateway also with each other in a MASH network

## THANK YOU FOR YOUR ATTENTION!

PLEASE FIND FURTHER INFORMATION ABOUT US ON OUR WEBSITE: <u>HTTPS://EPSGLOBAL.EU/</u>





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