





# Blockchaincars.io

PLATFORM FOR SHARING ECONOMY

the first component of SmartKey technology (**Plug and Play**) dedicated to cost optimization, access management, ownership of a vehicle by individuals, companies and organizations with the possibility of creating new business models in Innovative Value Exchange Economy.

-  Blockchaincars
-  blockchainCars.io News
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-  www.blockchaincars.io

## What is SmartKey?



The project uses the SmartKey technology, based on the mechanisms and the logics of Blockchain of Things "BoT". It is applied for management and material value blockchain access purposes. The project implements the foundations for future economy, based on the idea of reusing existing goods by optimizing the time of their use. Blockchaincars.io is a platform for creating new business models based on the Blockchain of Things technology.

 <https://www.youtube.com/smartkey>

## BCC. the first system in SmartKey technology



Blockchaincars.io is the first component (platform) using SmartKey technology designed for car users: organizations, individuals and companies. The logics, the functions and the mode of providing system services have been designed in a way to manage vehicle access with the use of programmable keys, saved and transferred via blockchain, enabling Crypto Value payment and commission settlement. New business models: Functional logics allows the use of technology for the purposes of creating own projects similar to UBER, CarSharing, or any material value management based on the resources registered in the system.

## Problem

The lack of possibility of short-term (1-2 days) car provision or rental from a private individual or companies that do not run CarSharing activities but have a car fleet used among others by sales representatives or specialist delivery vehicles which can be temporarily made available at the platform against payment, in a BB, open or other created by the owner of the vehicle, fleet of vehicles model.

## Global problem

Optimization of the already existing on the market resources (cars, other vehicles) in the Innovative Economy of the 21st century - Sharing Economy

The urban problems are: traffic jams, lack of parking spaces, traffic organization and extension planning. Cities such as Berlin, London, Seoul, NY support initiatives using Sharing Economy (CarSharing etc.) to reduce the amount of new cars within the cities, but this is not the solution. CarSharing companies introduce new external resources to the collection.

Report: Rethinking Transportation 2020-2030: The Disruption of Transportation and the Collapse of the Internal-Combustion Vehicle and Oil Industries. It indicates a market trend that changes the approach to cars from ownership to usage. In 2025, every 5th car registered in the US will be a car destined to rent for hours, days and so on.

## Our team



**Szymon Fiedorowicz**  
**CEO**

19 years of experience in business (11 years CEO), numerous projects owner. Specializes in SmartCity, telemetry and IoT.



**Radoslaw Krzycki**  
**COO**

18 years of experience in business, (CEO, COO 9 years), Owner of 2 projects. Specializes in aviation, blockchain and electric car charging systems.



**Marta Zarosa**  
**CMO**

10+ years experience in the business, marketing and advertising industry in the international digital environment.



**Herman Sadik**  
**CTO**

12+ Full stack developer (8 years CTO, company owner). Specializes in blockchain technology and aviation.



**Mariusz Portka**  
Full Stack  
Developer



**Arkadiusz Jasiński**  
Full Stack  
Developer



**Mateusz Ziolkowski**  
Mobile Developer



**Adrian Romanowski**  
Full Stack  
Developer



**Marcin Augustowicz**  
Frontend  
Developer



**Rafal Skolimowski**  
Frontend  
Developer



**Mariusz Miś**  
Graphic Designer

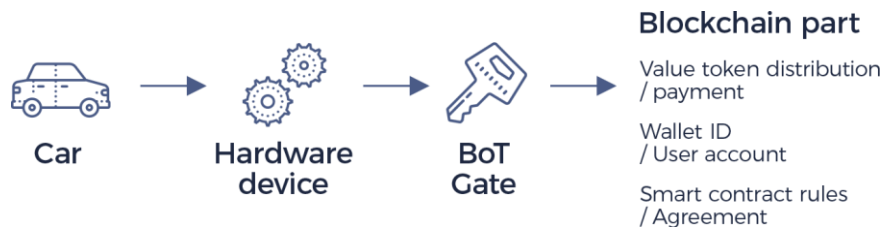


**Piotr Misztal**  
Translator,  
support on the  
Korean market.

## Solution

### Car as a service, need for access on time!

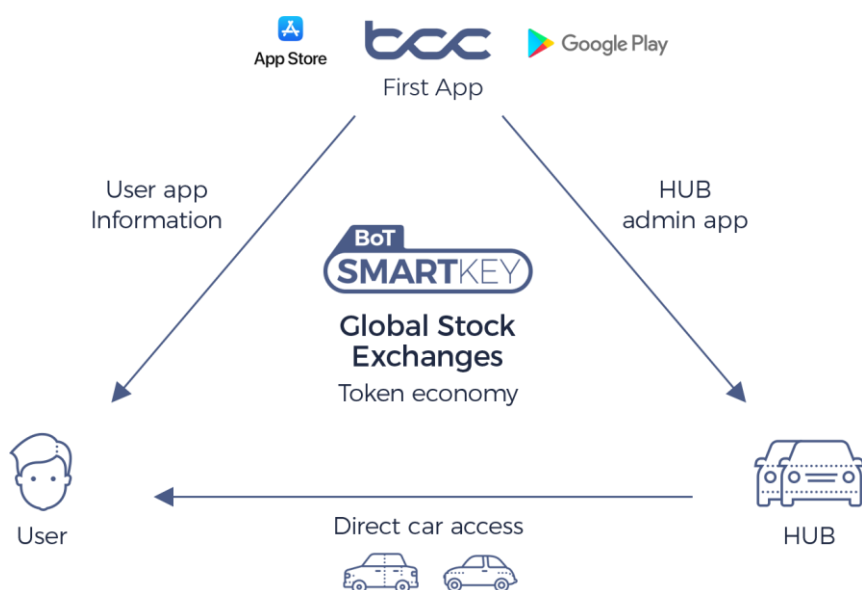
The use of resources already available on the market (passenger cars, transport vehicles and others), company, organizations, individuals resources in a new business model based on Sharing Economy thanks to the complete Plug and Play service.



## How does the SmartKey platform work?

### Ecosystem

Introduction of a mechanism that is easy to implement: SmartKey Plug and Play (device + application), car and user registration on the blockchain, choice of the form of sharing (private - free, commercial - paid), economic (cost) and organizational optimization (one car can be used by many people).



## Economic model - the value of the solution for users and the market

### The platform users can use 4 basic programmable, functional models:

- » **HUB Private:** cars usage by many people, access management for household members, family and friends. Project in development for KIA.
- » **HUB Access:** a tool for corporations and organizations for internal use, e.g. cars of sales representatives, UBER drivers. Key management (access) and optimization within companies.
- » **HUB Company:** Generating activities on the platform, the ability to create an offer. A tool dedicated to providing company resources "car fleets for individuals, organization, freedom in shaping the form of access: paid, free."

## Project partners



**KIA**  
Smart Key has been implemented in their vehicles in order to demonstrate new possibilities of secure key management.

Kia private - a solution designed for KIA car users to replace physical keys with digital keys available for more users.

Kia is a key partner building trust in technology.



### Teltonika

One of the three largest suppliers of GPS/GSM vehicle devices in the world. 10 million pieces of equipment have been sold so far. Element of the market entry strategy. Partner's, whose devices have been already present in millions of cars, solution application. Together, we create the SmartKey API for devices.



### Click2Go

Car sharing company in Poland. The first HUB willing to offer their services in the BCC application.

application.

## Partners in Korea



**OASISBloc**

### OasisBlock

One of the fastest growing blockchain ecosystems in Korea - oasisbloc.io

## Technical and marketing support of the Waves team



**Blockchain platform.** The second fastest growing developer ecosystem in the world.

Waves technology allows fast and cheap transactions. Waves dex mechanism for settling SmartKey token vs BTC, ETH (for major currencies).

Gravity Hub functionality for collaboration between different blockchains.

## Public sale

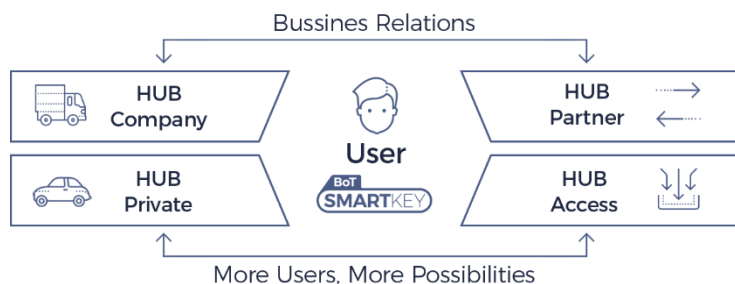
**Start 10 June 2020**

### Token Utility

- » Name: SmartKey token, utility
- » Platform: waves.
- » Quantity of emissions 100,000,000 closed collections.
- » IEO round A price per token 0,20 USD (20 cent)
- » IEO round B price per token 0,23 USD (23 cent)
- » End of offer July 2020
- » Start of listing on the crypto exchange on August 1, 2020.
- » Unit Icon:



» **HUB Partner:** a tool for closed groups only between partners managing a shared set of vehicles.



## Value?

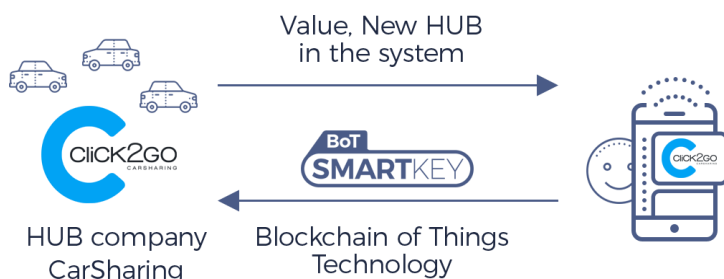
It is a platform connecting its users and the companies, providing an opportunity to create new economic projects and service delivery models, and enabling resource optimization.

## The Effect of smartKey Technology

- Access to BoT technology for users, organizations, companies
- Greater value distribution (digital currencies - alternative market)
- The possibility to create new business models, processes and organizations
- Solution openness and security thanks to blockchain technology
- Ability to join the platform without restrictions and one's own BoT infrastructure ("Plug and play")

## Strategy for building project value

**The open API of the BCC platform,** Each of the car rental companies can connect to the platform, create a Company Hub and become visible on the list for application users. The platform value will be the increase of available resources (number of cars) in the system. The value for the company will be the diversification of income and the access to new users.



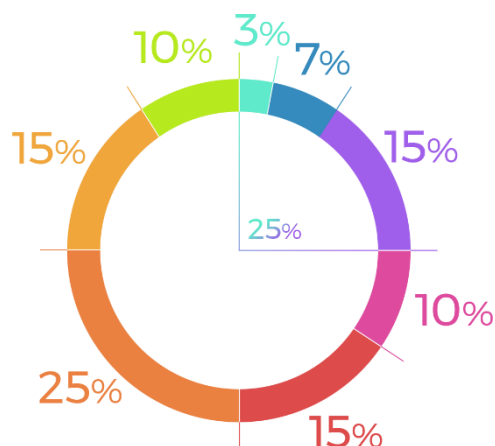
**Marketing, Building partnerships, Branches:** marketing activities, active participation in conferences, education (quantitative sale) on target markets. Opening of 3 representative offices in 2020 for the purpose of selling solutions: Berlin, London (Europe), Seoul (Main branch in Asia).

**SmartKey StartUp incubator.** Supporting 5 projects in a global competition with funds to create solutions using Smartkey technology. The value for the project is a set of new possibilities of using SmartKey token.

**Tokenometry** - the process has been designed to ensure smooth usability of SmartKey tokens. Acces Token.

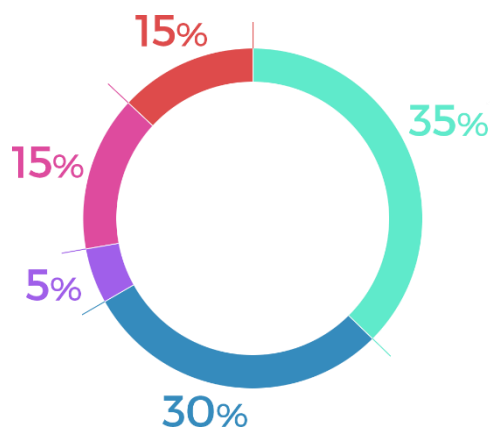
- Each purchased device must have at least one SmartKey token to be connected to the system

## Token Metrics and Fundraising



| TOKENS OWNER  | (%) |
|---|-----|
| <b>Crowdfunding Summary</b>   | 25% |
| <b>BoT Global</b><br>Companies operational reserve, securing liquidity and plan implementation.   | 25% |
| <b>Marketing</b><br>Support for promotional and informational activities, events and conferences. | 10% |
| <b>Team</b><br>Bonus for commitment, motivating prospective employees.                            | 15% |
| <b>Partners</b><br>Funds for partners supporting the implementation process.                      | 10% |
| <b>SmartKey Incubator</b><br>Funds for supporting StartUp projects based on SmartKey.             | 15% |

## Allocation of funds



- Each application to be connected to the SmartKey set must have at least one SmartKey token.
- A commercial HUB using platform resources must have a minimum of 1,000 tokens to open a position on the platform.- Contracts executed between the Hub and the buyer in SmartKey tokens will be subject to a **0% (zero) commission**.

## Possibility to compete (opportunities vs risks)

### Strengths

- **Team of managers.** experienced in implementing IT solutions, sales and marketing.
- An experienced team of blockchain and IoT programmers.
- **Functioning MVP tested by KIA.**
- Verified economic model, process of service provision.
- Project partners sharing their resources, ready to cooperate.
- **Ease of implementation: Plug and Play.**
- **Open Smartkey API** for creating solutions.
- Substantive support of the second world fastest developing programmers ecosystem in the world.
- **Patent:** complex 3 applications in the IT area, 1 application regarding the device.

### Opportunities

- **Sharing Economy.** Innovative economy of the future which is becoming a global trend and a development direction. (Mercedes, BMW, KIA, VW investigate solutions for implementing BoT in their cars in order to search for new business models.
- **No. 1 in BoT technology.** Market priority of the solution, no strong competition with a more advanced solution or technology.
- Market: increases in the economy of sharing resources: 108 million vehicles (cars, scooters) registered in CarSharing, increase r/r + 58.2%
- **Strategy of building value and development.**
- **implementation in the AirBnB area**
- **Smartkey Incubator project,**

### Weaknesses

- Lack of sufficient funds for dynamic strategy realization, rapid development, implementation, adaptations of the BoT solution for communication as the solution LEADER
- Market priority, no possibility for imitation – there is no similar solution used by market leaders.

### Risks

- Competition in the field of technology with funds for the distribution of advertising and research work.
- Competition in the area of imitating the process of service provision and its development.
- Team attractiveness on the labour market.
- Need to adapt the project to some regulations regarding the exchange of FIAT currency - SmartKey Token.

## Creators' competences

### List of competences in the area of implemented IoT technology, blockchain



Implementation of blockchain in MRO - Maintenance, Repair and Operations. Record of tasks on the blockchain - a record of all the work done on the plane, manufacturers Embraer (170-190 series), Boeing (737 series)



Solution for charging electric vehicles + scientific research, patented solution. Vehicle charging fee settlement in IoT system tokens.



**TreeSat.io - SmartCity**, implementation of the Internet of Things solution. 20.3k devices operating in several cities. Telemetry data from counters (energy, water, heat).

- Technical investment, IT work, business process test - **35%**
- Promotion, solution implementation, net-working. Creating project partnerships - **30%**
- SmartKey StartUp incubator - **15%**
- Crypto exchange – liquidity support - **5%**
- Operating reserve - **15%**

## Crypto exchange – liquidity

**PROBIT** IEO will be conducted on the Probit crypto exchange: fast growing exchange on the Asian market – mostly in Korea. Avg. daily Volume 32-45 M USD secures liquidity. Lack of barriers for SmartKey token listing on the exchange. Listings of Waves blockchain available. Strong partnership with exchange.

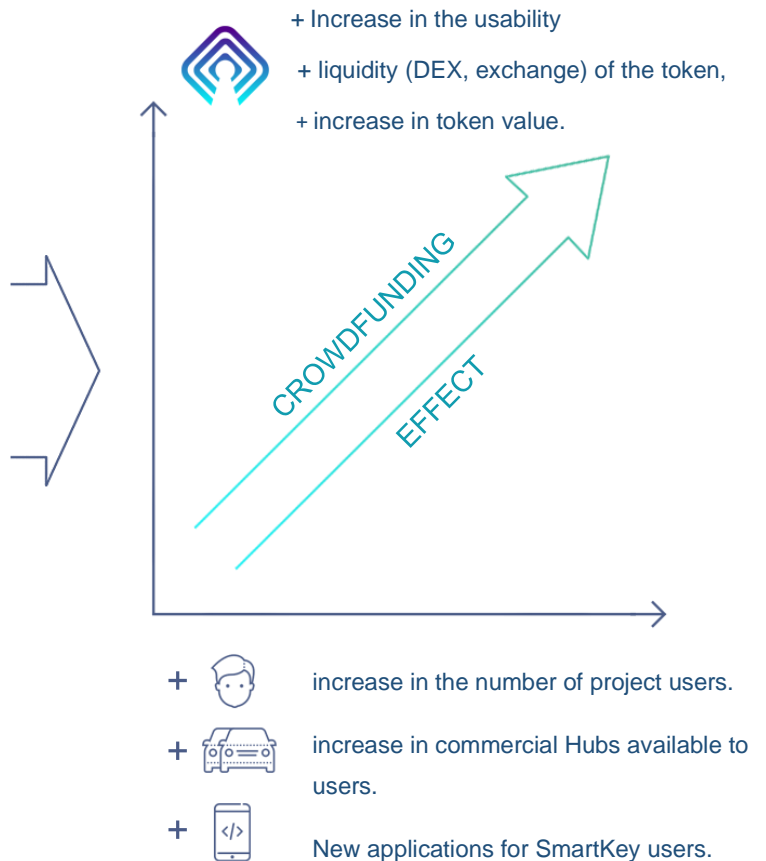
**waves** **Waves-Exchange.** Decentralised Exchange ecosystem, provides secure operations of value exchange as an alternative to the traditional market. Operational spread is minimal. Possibility to provide OTC transactions for buying and selling tokens.

## Roadmap

- 06.2020** Crowdfunding start. Public Offering (IEO). -Seoul, opening conference.
- 07.2020** Closing of the collection (July 31) and starting indexing on cryptovalued exchanges from August 01
- 08.2020** Launch of the Alpha version of the Blockchain Cars application - the first component of the SmartKey platform.
- 10.2020** Publication of the first report on the company's operations after the first stage of financing.
- 01.2021** SmartKey Startup incubator. Support of 5 projects that will build a technology solution commercially available on a smartkey basis
- 06.2021** Launching the platform for other physical values mainly in the area of hotel services (AirBnB).
- 09.2021** Achieving an amount of 20k system users (top 50 MarketCap).

## Crowdfunding effects

- Implementing the solution in a minimum of 5 commercial HUBs (company services) that will be on the list of available resources in the BCC application. The target number is 10 commercial HUBs in 2021.
  - A platform with an open system API to connect other applications using SmartKey technology. Implementation of the solution in KIA cars.
  - Application available for download from Google Play and AppStore.
  - The minimum number of platform users - 20,000
  - Recognition of SmartKey (BoT) and Blockchaincars - the first dedicated solution among 1 million people. Building media coverage and brand value.
  - A set of promotional and marketing activities for the purpose of presenting project value.
- actively participated in conferences, presenting solutions at major industry events.
- SmartKey Incubator: support for 5 projects - global Starups that will use SmartKey technology to create separately available mechanisms for its use
- The effect of project support is a minimum of 5 additional applications in supermarkets.
- Opening of the company's representative to support target markets in Seoul, London, Berlin in 2021.



## Company, Legal disclaimer

Project implemented by the company:  
BoTGlobal OÜ (registry code 14808450):  
Estonia, Tallinn, Kesklinna linnaosa, Maakri tn 19/1-7K, 10145

[office@blockchaincars.io](mailto:office@blockchaincars.io)

## Security - project reporting.

The company operates in the jury of the European Union, in accordance with its law regarding the principles of accounting and reporting. Financial data and risk reporting by a certified Auditing company, CIA audit standard (Certified Internal Auditotr).

*„The project is created by a team of experienced people with a business foundation, creating market products and managing companies.”*

*„The project, operating MVP was presented to experts from Mercedes, KIA, Waves, and Teltonika. Positive MVP assessment, market opportunities and Sharing Economy trend have become the foundation of the project. The process of acquiring the market are implementations that are the strongest element of the project and a lever for building confidence in the project”*



**Szymon Fiedorowicz**  
CEO BlockchainCars.io

The document is not an issue prospectus, an offer to take up shares in a project, to sell property rights on the basis of Estonian or other country's jurisdiction. By purchasing SmartKey tokens, you acquire the possibility to use the SmartKey system services of the Blockchaincars.io application as well as platforms and solutions that will be created in the future using SmartKey technology. You will be able to use the BCC platform as a private individual, entity, organization or company. SmartKey tokens allow access to the platform's technological resources and its capabilities.