How game theory was used

The authors used the evolutionary theory of games, where 4

Problem solved

main players perform. The first player is the government,

which provides subsidies for electromobility and the

construction of the necessary infrastructure. If also oversees

The article deals with the problem of

companies and organizes electric car users. The

construction of charging infrastructure

government, rather than the player, acts as a market

and its charging in urban residential

regulator by subsidizing all participants.

areas for electric cars. The study

Other players are real estate agencies and charging

focuses on the feasibility and

infrastructure operators. In this case, real estate agents

overcoming this dilemma through

should be responsible for investing in charging stations and

various subsidy incentive mechanisms

selecting their location where these stations will be installed.

and the sharing of economic benefits

Charging infrastructure operators are responsible for the

between the government, charging

operation and management of these stations. The last

infrastructure operators, real estate

player is the users of electric cars, who use the created

agents and electric vehicle users

structure of charging stations, which exists thanks to the first

themselves.

three players.

Using evolutionary game theory. the

The authors used the evolutionary theory of games, where 4

authors create a theoretical model

main players perform. The first player is the government,

based on strategic interactions

which provides subsidies for electromobility and the

between various factors in supporting

construction of the necessary infrastructure. If also oversees

charging devices in urban residential

companies and organizes electric car users. The

areas.

government, rather than the player, acts as a market

regulator by subsidizing all participants.

Other players are real estate agencies and charging

infrastructure operators. In this case, real estate agents

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Charging infrastructure operators are responsible for the

operation and management of these stations. The last

player is the users of electric cars, who use the created

structure of charging stations, which exists thanks to the first

three players.

One

Two

Three

Four

Five

Test

Test2

Test3

Test4

Test5

Test6

Test7

Test8

Test9

Test10

Testl 1

Test12

Test13

Test 14

Testli

Test16