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# **PROBLEM**

Production as a domestic product.



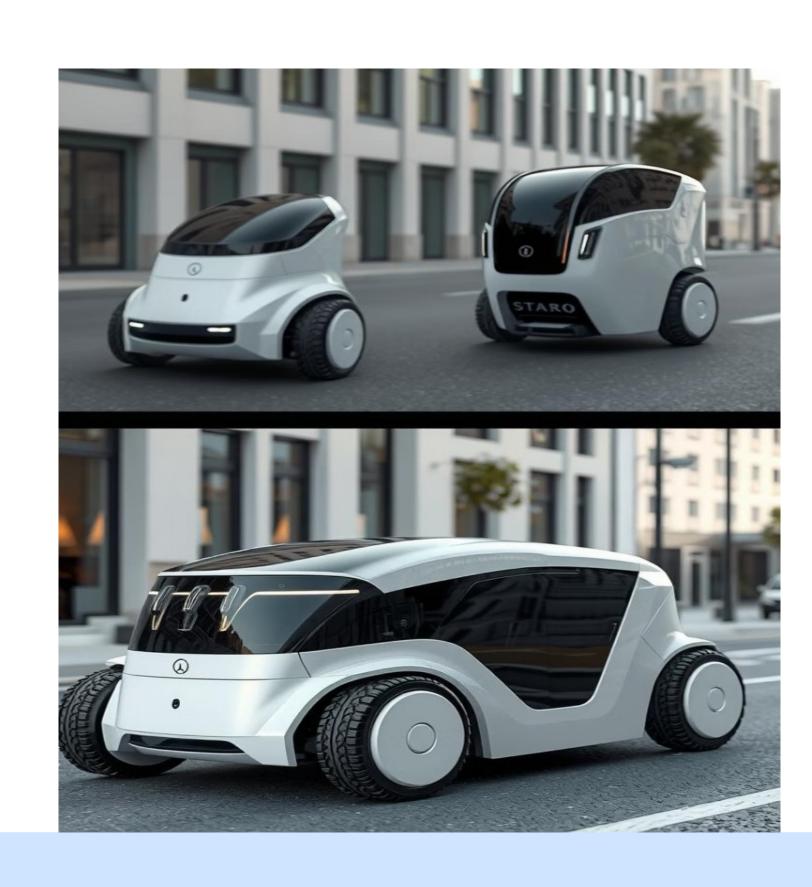
# Solution



For the first time in the domestic market as a utility electric car and a robomobile to be withdrawn from the Mini-plant.

# **PRODUCT**

- Street foliage as a domestic product of Kazakhstan, etc. collect things
- ♦ An environmentally friendly slave car that charges the sunset with energy.
- ♦ An affordable price based on local production.



# TECHNICAL AND ECONOMIC INDICATORS

### Sales market:

Solar battery robomobile with leaf collector necessary for the Kazakh country, regions, district, processing); Manufacture of city/ village;"STARN-UP" sensors and fast response:Effective work: optimize work by moving on programmed marchuruts.

## Main resources:

Making a domestic mini shop ( plastic robotic parts in domestic miniworkshops; A group of scientists and inventive students

### Main costs:

Raw materials: chips, cameras, solar battery, touch sensors, motors, laptop, mobile phone, 3D printer, plastic, etc − 1 10,000

## Sales channels:

Online sales: Instagram, Tik -Tok, Telegram. Marketplays (Kaspi, Wildberries, Ozon). Offline sales: Eco-shops, robomobile (salons). University fairs and events. World-class "EXPO", Shymkent University-IT robotics and AI Kazakhstan, CIS countries and near

and far abroad.



# COMPETITIVENESS

### Competitors:

- Imported domestic products.
- Kazakhstan manufacturers (inventor-constructor scientists).
- The creators of the miniseries.

### Advantages:

- **Available at the expense of local production. Eco-product** + support for sustainable consumption.
- Using artificial intelligence;
- Autonomous Work;
- Support for Student Startup universities, and implementing grants.

## PAYBACK PERIOD

## Initial capital:

JSC "Science Foundation" - JSC"National Agency for the development of innovations" QazinnovationsRepublican and International Committee for intellectual property protection ministry of Justice; Ministry of Science and higher education;IT robotics and artificial intelligence centers; Academy of invention and scientific pedagogical of Academician AUYESHAN.

## Expected sales:

- Solar battery robomobiles-5000\$
- sales per month 1,000,000
- winning pieces income per month-7000
  - \$- annual income-84,000 \$

# INTELLECTUAL PROPERTY **PROTECTION**







# Team

Прогр programmers: Тағаев Нұрлыбек Сейдуллаевич; Жуманова Раушан Есенбековна; Жолбарыс Ерғали Нұрлыбайұлы; Джумагулов Нургали Султанкельдиевич;

Дулатов Самат Рахымбаевич.

