



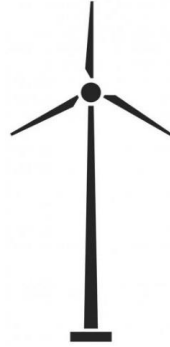
# VACUUM GRAVITY ENERGY

VGE is the world's first  
mobile generator that converts  
gravity into electricity

## 2 Problem

Provision of private houses and bomb  
shelters mobile sources of renewable  
electricity

# 3 Problem



dependence  
from the location

not a stable  
operating

need to  
accumulate  
energy

depending on  
the weather

**Dont work  
underground**



Sources:

<https://then24.com/2021/09/27/the-tension-on-energy-prices-can-last-all-winter-warns-thierry-breton/>

<https://nangs.org/news/markets/evrokomissar-zayavil-cto-krizis-v-sfere-energetiki-v-evrope-prodlitsya-do-kontsa-zimy>

# 4 Solution

## VGE mobile power plant



location

**work  
underground**

stability

**24 / 7  
regardless of the weather  
anywhere**

no need to  
store energy



# Solution

Peacetime.

It is located on underground parking lots and constantly produces electricity for the needs of residential buildings, shopping malls, offices.

Emergency.

Provides smooth operation of parking ventilation systems (bomb shelters), water pumps.

Ensuring the livelihood of people in the bomb shelter (cooking, communication)

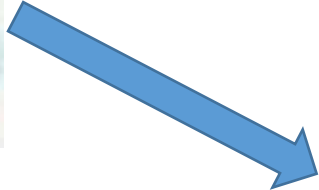
Can be transported as a trailer by car in case of evacuation.



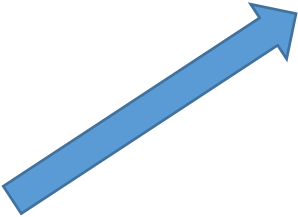
# 5 Technology



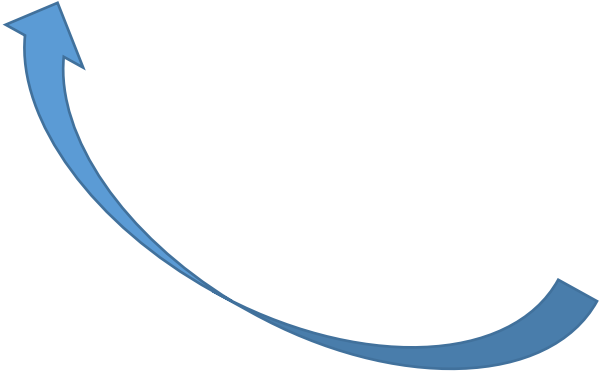
wind flow



electricity for the home



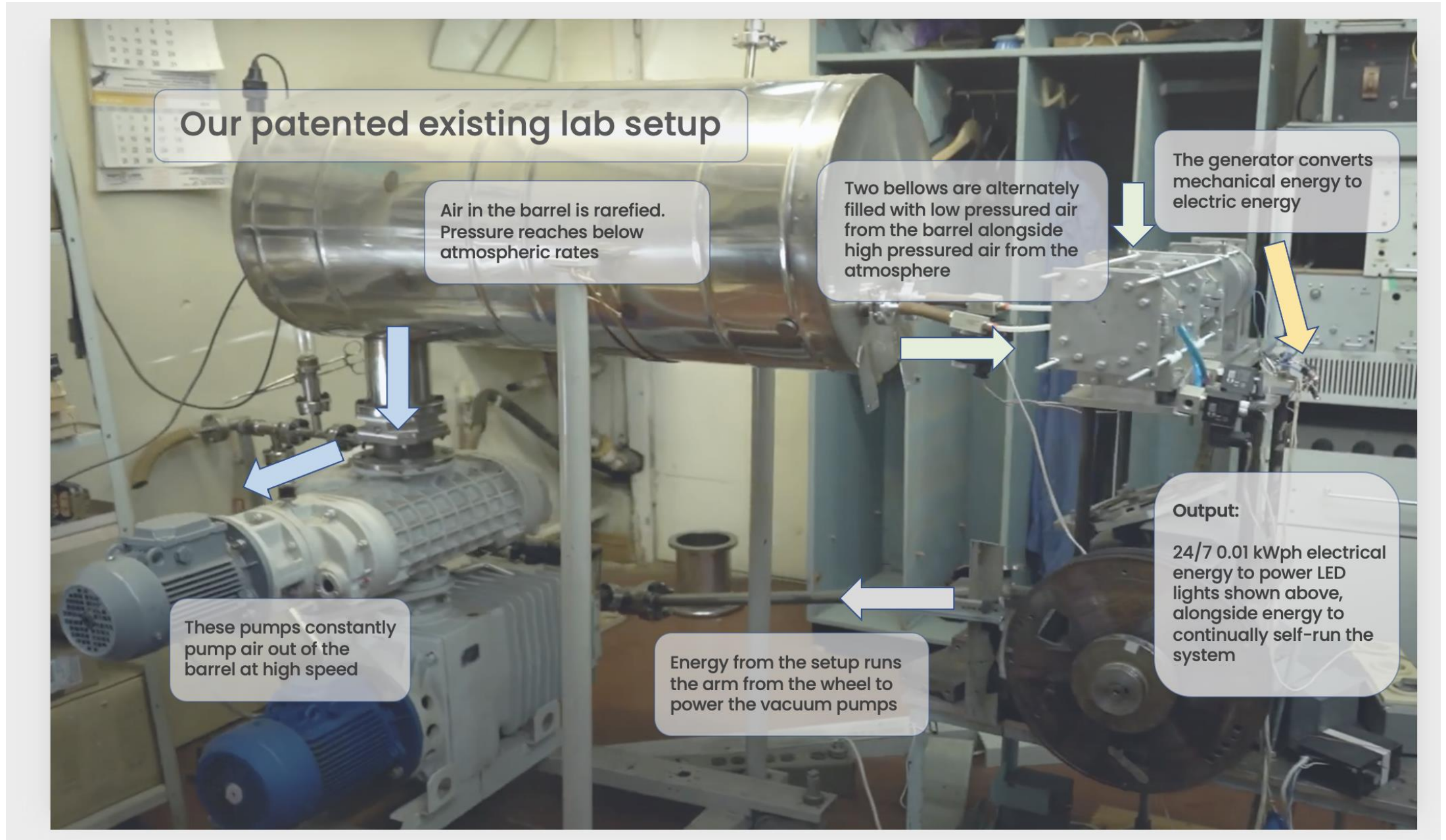
electricity for pump operation



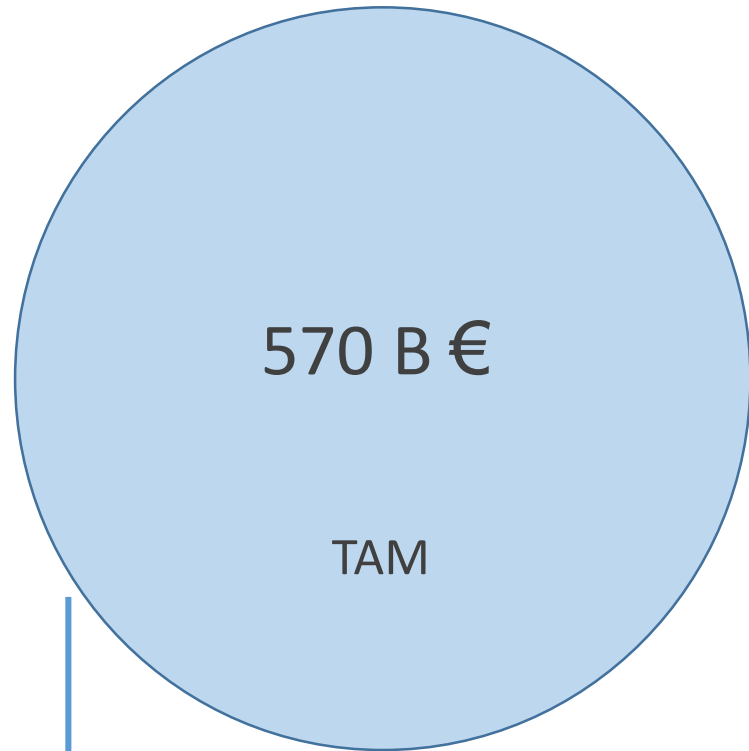
dynamo machine



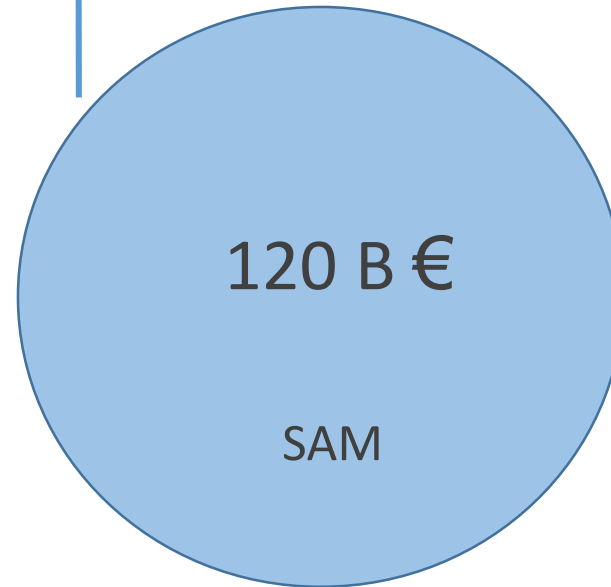
# Technology



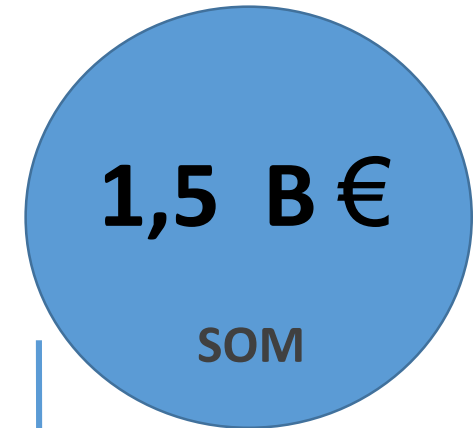
# 6 Market EU



136 M of private homes in the EU  
that plan to switch to RES



30 M of private homes in Ukraine, UK  
Poland and Italy, plan to switch to RES



production capacity

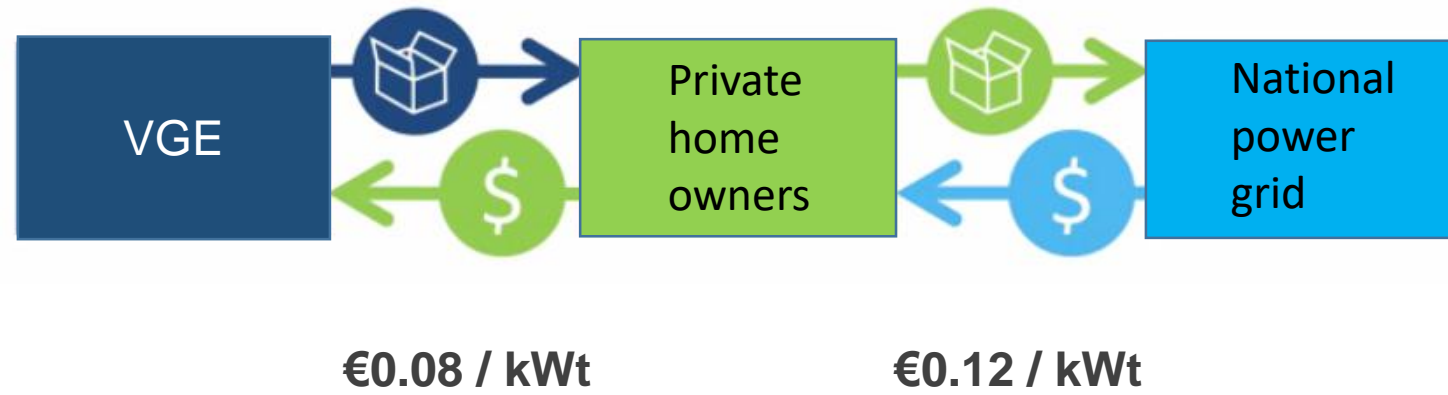
Sources: [https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Household\\_composition\\_statistics](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Household_composition_statistics)

<https://publications.jrc.ec.europa.eu/repository/handle/JRC122347>

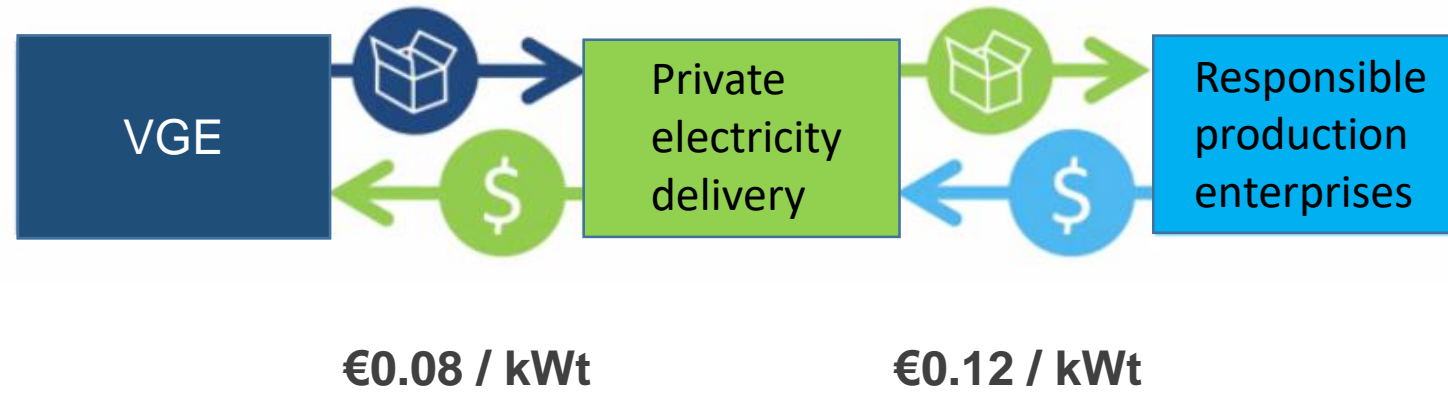


# 7 Business model

B2C2G



B2B



## 8 Direct Competitors

**VGE**



power

10 KW

15 KW

15 KW

cost

350 € / mon

30 K €

26 K €

amount of energy per year

86 MW\year

12 MW\year

16.5 MW\year

work time

24 \ 7

4 h \ day

6 h \ day

installation time

1 h

3 days

5 days

location independence



regardless of the weather



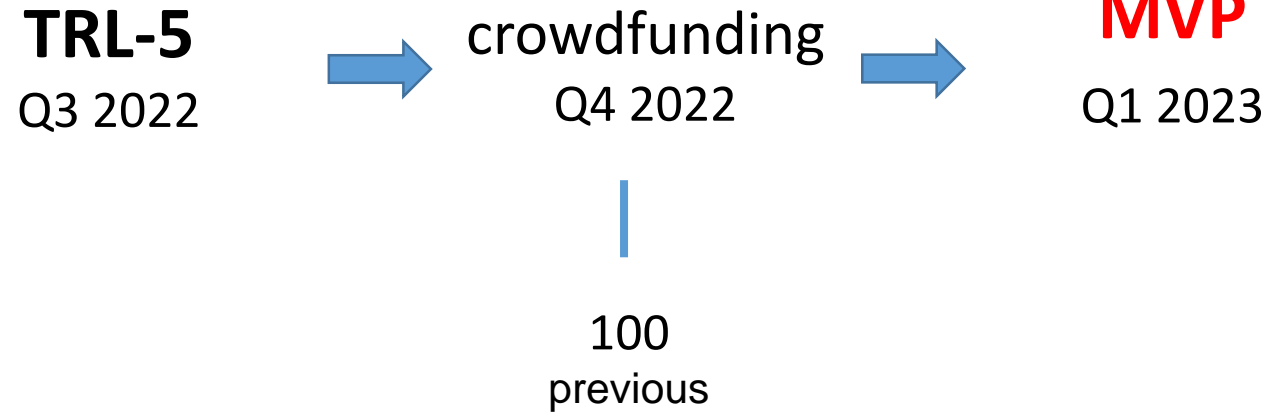
term of work

40 years

20 years

25 years

# 10 Go to market



# 11 Result

laboratory sample **TRL-4**

Patents for technology  
USA, Eurasia, China



**Validation previous:**  
accessibility, stability, mobile

Finalist Climate Cities



# 12 Team

more than 10 specialists: in power plants, energy, welding, automation, certification

more than 2 years of joint work

adviser



**FILATOV A.S. (UA)**

CEO

**8 years of business optimization**  
expert Green Deal and the  
transformation of coal territories  
PhD Project management



**DUBINSKY I.M. (UA)**

CTO

**30 years of creating  
equipment for space**  
Laureate of the state prize  
PhD Technical Sciences



**FILATOVA V.S. (UA)**

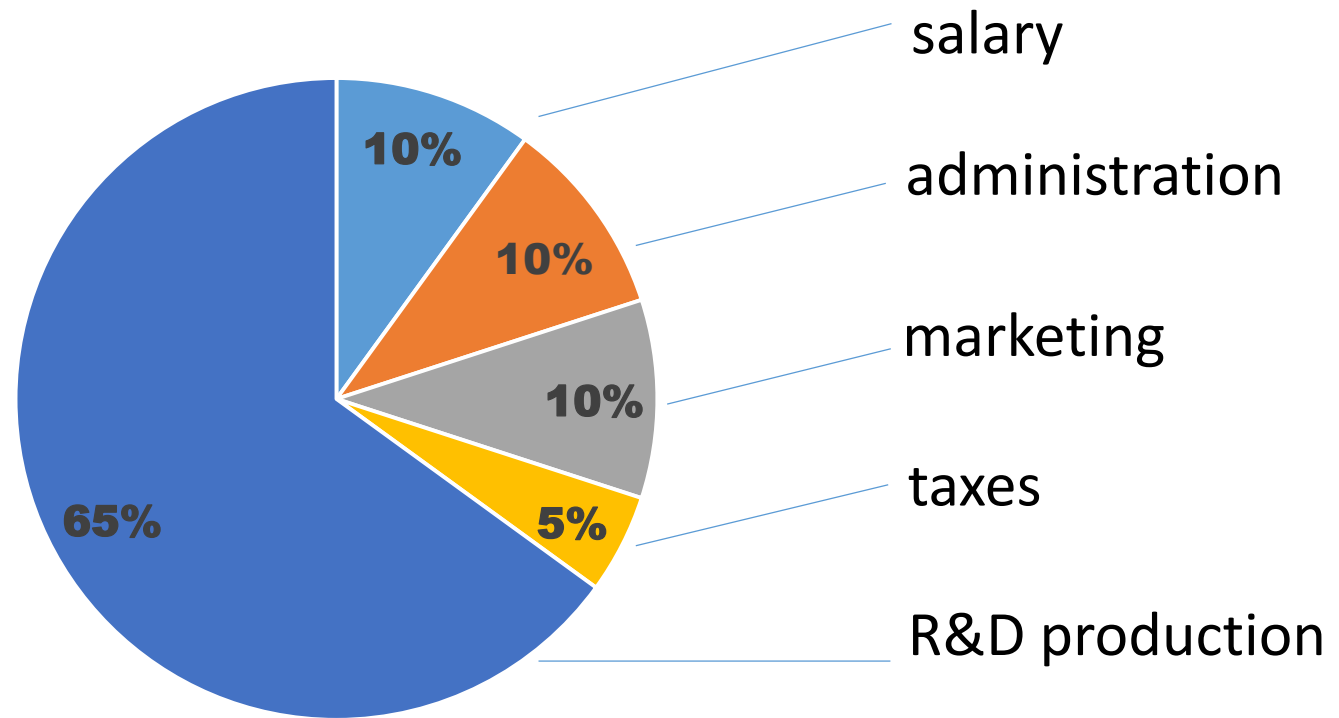
CMO

**5 years of technology  
transfer**  
PhD Physical and  
Mathematical Sciences



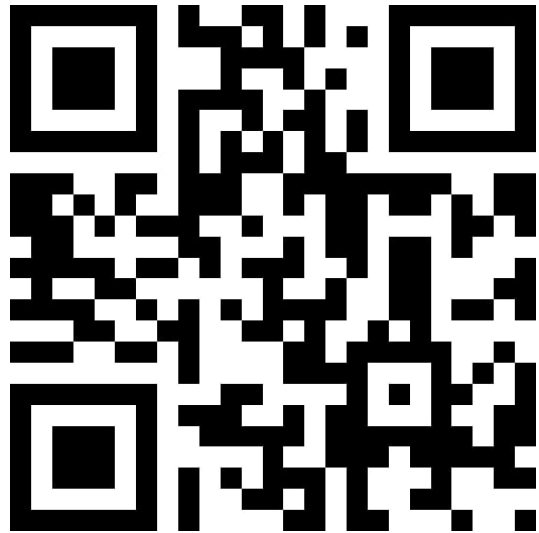
# 13 Business investment

500 K €





# Take energy from the **GRAVITY**



**[vgenergy.com](http://vgenergy.com)**

+38 (097) 027-71-26

[invest@vgenergy.com](mailto:invest@vgenergy.com)

[tverdyslav@ukr.net](mailto:tverdyslav@ukr.net)