## Making the World a Better Place:

Analysis of a company that is bringing a new green innovation to the market.

 $E \cap E \lt G \lor \Pi$ 

#### Political

- government policies(With the governments changing so fast nowadays due to elections, it is even more difficult to fulfil such huge infrastructures concerning the environment.)
- funding, grants and initiatives(A) lot of fund scandals and frauds including allegations have happened the recent years in the energy and commodities sector following the slump in oil prices sparked by the coronavirus crisis.)
- · wars and conflicts(With the war between Russia and Ukraine things are going to become even more difficult in the energy sector, in 2019 Russia was the 3rd biggest country in producing energy in the world and Ukraine was placed in the 38th place.)

#### Economic

- overseas economies and trends(The energy sector is an international sector which is affected from trends and decisions worldwide and one of the biggest trends is renewable energy.)
- seasonality/weather issues(Weather issues can be proved vital in project concerning renewable energy ,e.g a solar park will not have the same success in a country that is mostly cloudy.)
- international trade/monetary issues(Russia being one of the biggest countries producing energy and the Russian ruble not being so strong ,there is a havoc in the energy sector.)

### S

### Social

- · people attitudes and opinions(In Greece there is a large group of people that do not allow to build wind turbines in islands where there is a lot of wind because they believe it will affect the fauna of the islands.)
- · role models, major events and influences(Most of the people are positive about renewable energy, however, the UK government shows little interest on what the majority wants.)
- ethnic/religious factors(A lot of energy projects were rejected because of the place that was selected to be built at.Most of the times these places were either of ethnic or religious importance.)

#### **Technological**

- competing technology development(All over the world there are top companies that have to compete in order to be able and fulfil projects concerning renewable energy. There are around 4,300 companies only in Europe.)
- replacement technology/solutions(With technology changing so fast for such big projects it is difficult to keep up to date because it is very costly.)
- technology access, licensing, patents(In every country there are different laws, infrastructures and time it takes in order to be able to fund and start building on such projects in the energy industry.)

# Problem



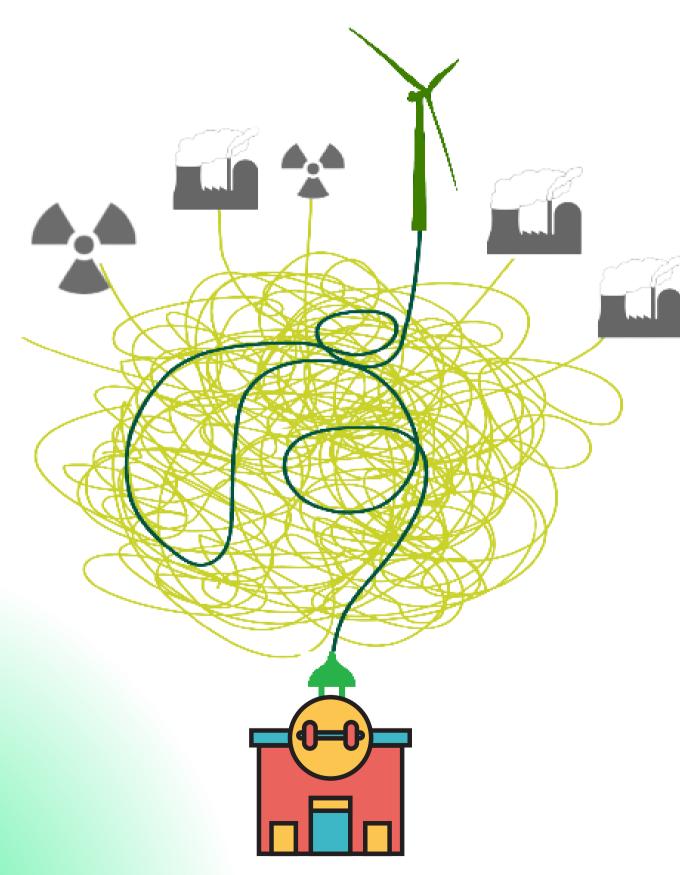
The world lacks safe, lowcarbon, and cheap largescale energy alternatives to fossil fuels.

## 80%

### **OF GLOBAL GREENHOUSE GAS EMISSIONS IS DUE TO THE PRODUCTION OF ENERGY**

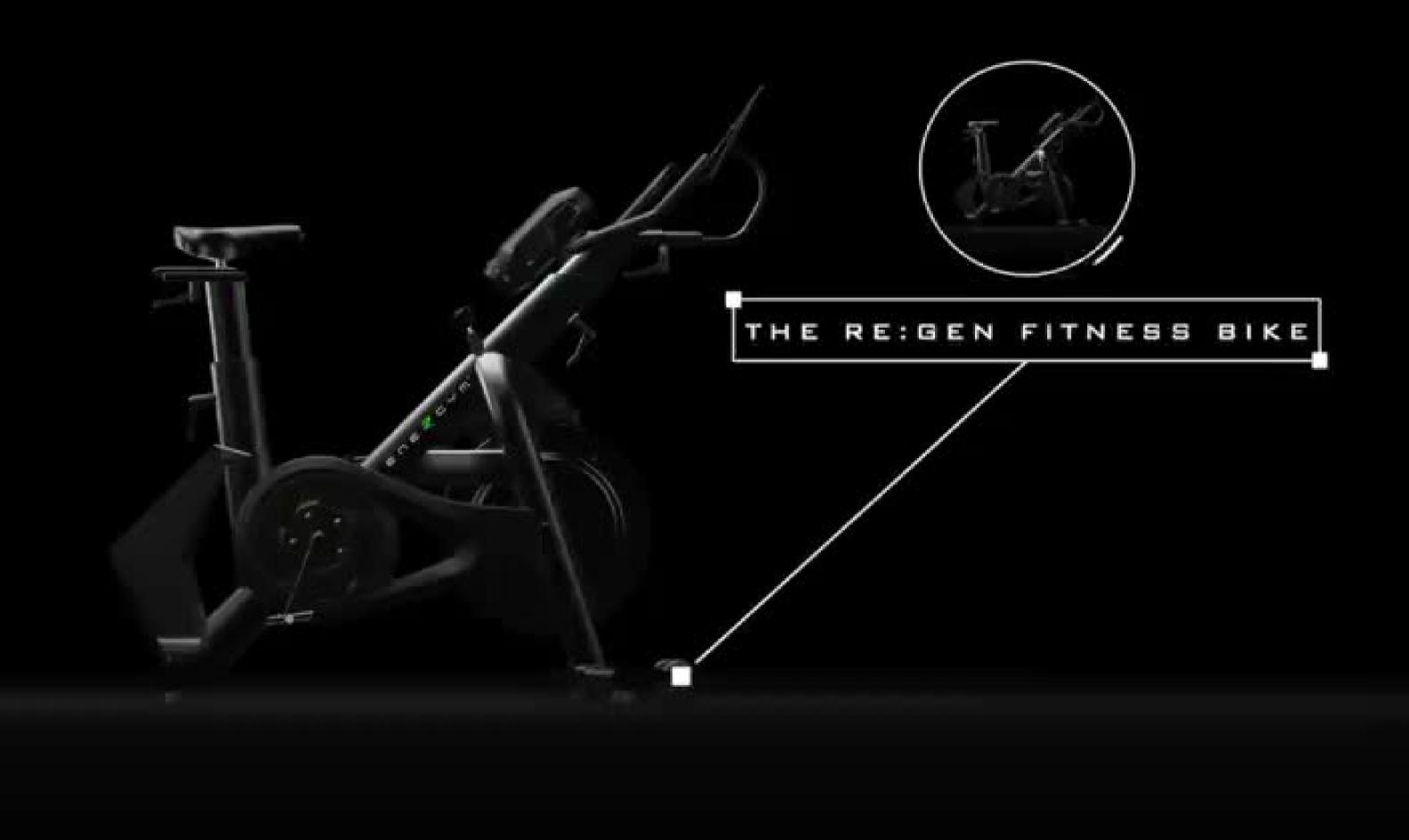
 $\rightarrow$ 

## **Eco-Tracking in the fitness industry**



### **Gym machines consume** an untraceable energy in an unsustainable manner

## **808.6 KWHAWEEK**





### **CREATING ENERGY EFFICIENCIES OF UP TO**

## 95%

### **PRODUCT INNOVATION**













Harness human energy and convert it into usable, green, electrical power. I This power can then be used to power the building itself.

Implement our green energy systems. All of which can be installed out of the box, along with our equipment, or they can be retrofitted into existing gyms.



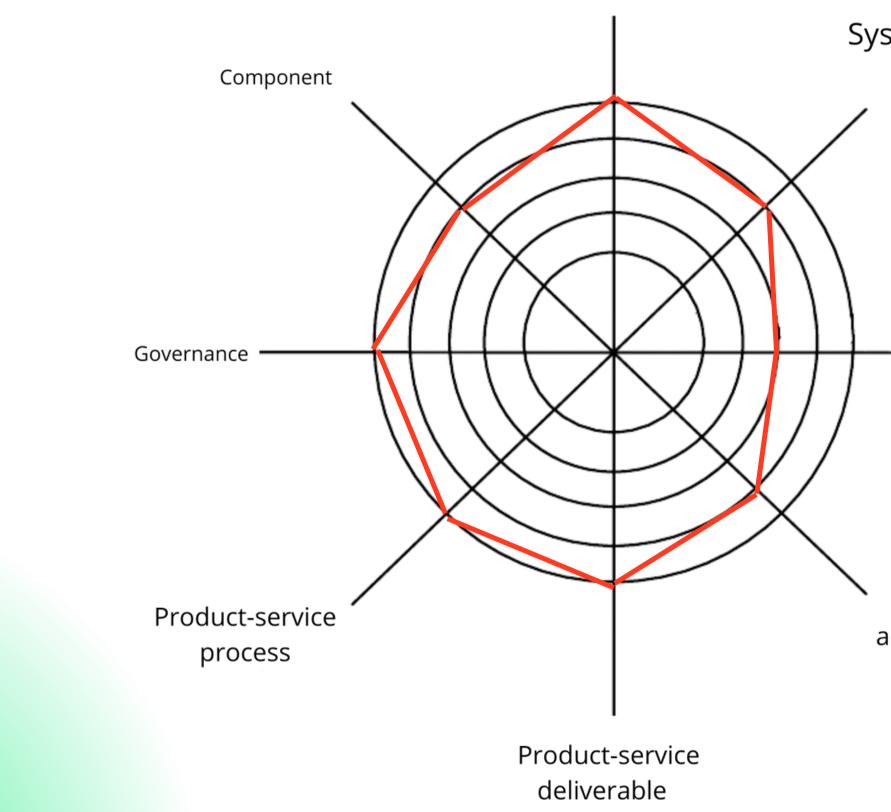
Drive customer retention and new registrations through our immersive Coupled with the Energym App, your members can earn Sweatcoins with cardio gamification. their workouts, and for taking part in your classes.





## ECO INNOVATION DASHBOARD

Sub-system



System

User development

User acceptance





 $\rightarrow$ 















## E E E Company Challenges NEXT 12 MONTHS

#### FINANCIAL CHALLENGE

Generating sustainable income/revenue to fund the growth of the company

#### GAINING CUSTOMERS' TRUST

Gaining public approval of the products and the company, while managing the production and inventorial problems

### BEATING THE COMPETITION

Winning the customers over similar companies and alternative products

#### ENVIRONMENTAL CHALLENGES

Working towards becoming carbon neutrality

#### MARKETING

Creating an efficient way to promote the products and company values to the right customers and the world

# Company Challenges NEXT 5 YEARS

#### COMPETITIVE **ADVANTAGE**

Fighting off potential competition and continuously develop already existing products

### **ENVIRONMENTAL CHALLENGES**

Keeping the carbon neutrality while maintaining growth and expanding the comapny

#### **INTERNAL EXPANSION**

Coming up with new things to keep customers that already got the first product

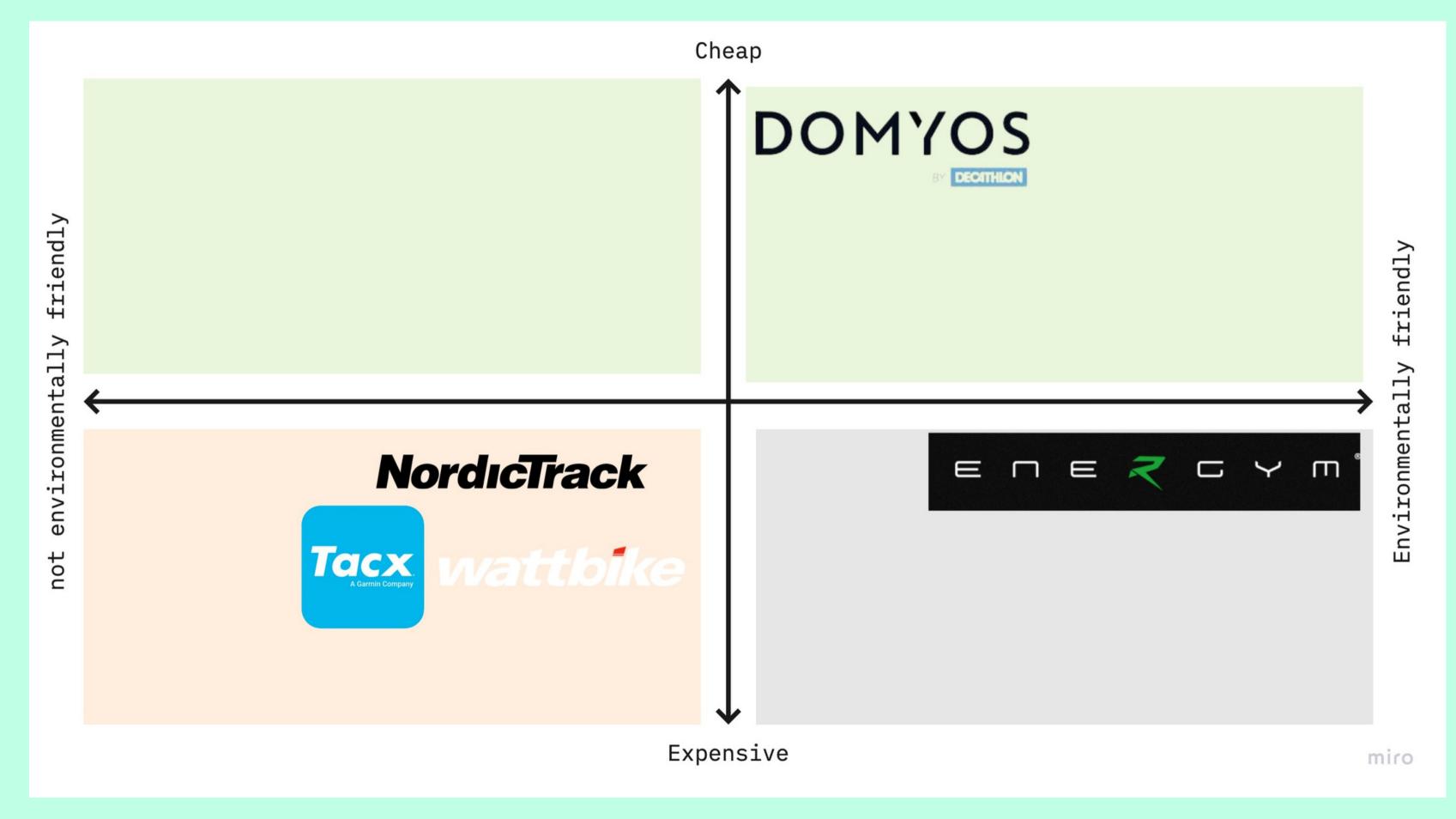
#### **EXTERNAL EXPANSION**

Expanding the list of countries and communities that the products are available in

#### ACCESSIBILITY

Making the products more accessible and affordable, to make a bigger impact on the planet

### **Competitive Landscape**



# Company Challenges NEXT 5 YEARS

#### COMPETITIVE **ADVANTAGE**

Fighting off potential competition and continuously develop already existing products

### **ENVIRONMENTAL CHALLENGES**

Keeping the carbon neutrality while maintaining growth and expanding the comapny

#### **INTERNAL EXPANSION**

Coming up with new things to keep customers that already got the first product

#### **EXTERNAL EXPANSION**

Expanding the list of countries and communities that the products are available in

#### ACCESSIBILITY

Making the products more accessible and affordable, to make a bigger impact on the planet



## Recommendations





Becoming carbon-neutral by utilising ecoadvantage.

### Achieving ecoadvantage.



- marketing presence
- consumer targeting



## Lowering the product price

nce ting





# Thank you for listening!

### Now we are open for any questions.

## References

- Carbon Neutral Britain (2022) Becoming a Carbon Neutral Business. Available at: https://carbonneutralbritain.org/pages/become-acarbon-neutral-business (Accessed: 21/04/22).
- Crunchbase (2022) 'Europe Renewable Energy Companies', Crunchbase, Available at: https://www.crunchbase.com/hub/europerenewable-energy-companies (Accessed: 24/04/2022).
- Energym (2022) Energym. Available at: https://energym.io/ (Accessed on: 22/04/2022)Dorsey, P. (2016).
- Energy (2012) Energy Consumption at the Efficient Gyms https://energyefficientgyms.weebly.com/current-energy-consumption.html (Accessed: 24/04/2022).
- Esty & Winston (2009) Green to Gold: How Smart Companies Use Environmental Strategy to Innovate, Create Value, and Build Competitive Advantage. Available at: https://ebookcentral.proquest.com/lib/soton-ebooks/reader.action?docID=3420338 (Accessed: 23/04/2022)
- European Parliament (2021) What is carbon neutrality and how can it be achieved by 2050?. Available at: https://www.europarl.europa.eu/news/en/headlines/society/20190926ST062270/what-is-carbon-neutrality-and-how-can-it-beachieved-by-2050 (Accessed: 23/04/2022)
- Fossil Fuels | EESI. [online] Eesi.org. Available at: https://www.eesi.org/topics/fossil-fuels/description
- Hebbar, A. (n.d.). Literature review on generation of electricity using human energy at the gym. www.academia.edu. [online] Available at: https://www.academia.edu/36664275/Literature\_review\_on\_generation\_of\_electricity\_using\_human\_energy\_at\_the\_gym (Accessed: 25/04/2022).
- KeepTalkingGreece. (2021) Riot police beats, injures young and old protesting wind turbines on Tinos. Available at: https://www.keeptalkinggreece.com/2021/09/23/tinos-wind-turbines-police-protesters-injured/ (Accessed: 24/04/2022).

Available Wake Forest Gym. at:

## References

- Murray, L. (2015) People love renewable energy, so why don't politicians get it? Available https://www.theguardian.com/public-leaders-network/2015/sep/10/renewable-energy-politicians-community-fracking (Accessed: 24/04/2022).
- NWC (2020) Financial Mismanagement in Energy Utilities. Available at: https://www.whistleblowers.org/financialmismanagement-in-energy-utilities/ (Accessed: 24/04/2022).
- Reuters (2020) Factbox: Commodities and energy trading firm scandals. Available at: https://www.reuters.com/article/usglobal-commodities-companies-scandal-idUSKBN26S00E (Accessed: 24/04/2022).
- TIA Formazione. (2020). UN sustainable development goals. [online] Available at: https://www.tiaformazione.org/unsustainable-development-goals/ (Accessed 25/04/2022).
- Top 10 Energy Industry Trends & Innovations in 2022 (2021) Available at: https://www.startus-insights.com/innovatorsguide/top-10-energy-industry-trends-innovations-in-2021/ (Accessed: 24/04/2022).
- U.S. Information Administration (2019)Energy Total energy https://www.eia.gov/international/rankings/world?pa=12&u=0&f=A&v=none&y=01%2F01%2F2019 24/04/2022).
- Willmotts Transport (2021) 4 Ways to Reduce Your Logistics Costs and Increase Efficiency. Available at: https://www.wtl.uk/blog/4-ways-to-reduce-logistics-costs-increase-efficiency (Accessed: 24/04/2022)

at:

2019. Available production at: (Accessed: