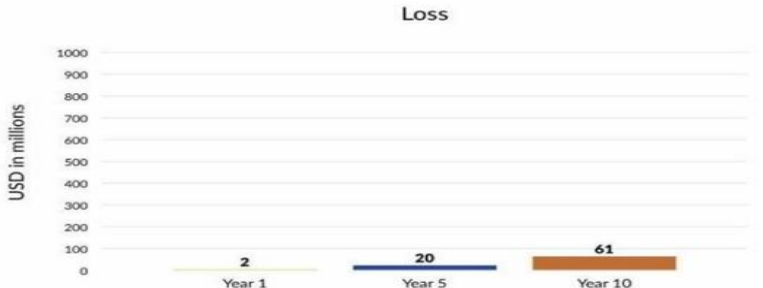
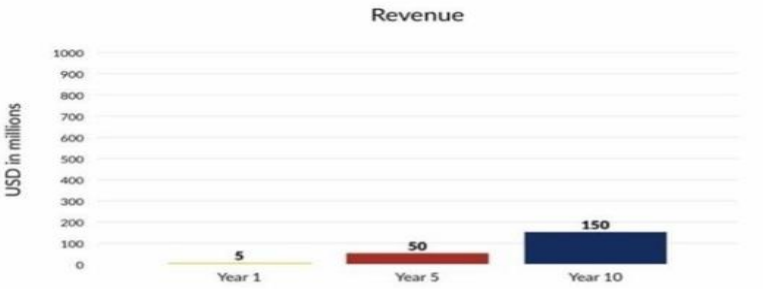




**Green Graphene
LLC**

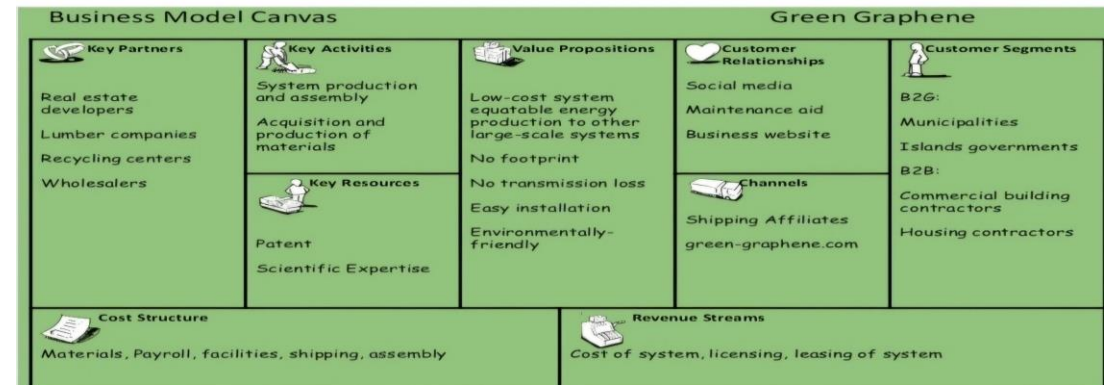
LET YOUR STEPS POWER THE WORLD

Financial Projections



Business Model

- Licensing: Partnering with footwear manufacturers, tech companies, flooring, and industrial machinery producers.
- Sales: Direct sales to businesses and consumers.
- Subscription model for continuous maintenance and updates.



Revolutionizing Energy Harvesting with Genostep Kinetic

- Harnessing the Power of Motion



Funding Needed

\$1,500,000

Use of funding:

Materials and equipment 16%

Labor 17%

Marketing 36%

Product development 31%

ROI:

10% per year for 10 years

Or \$150,000 per year for 10 years



The Problem

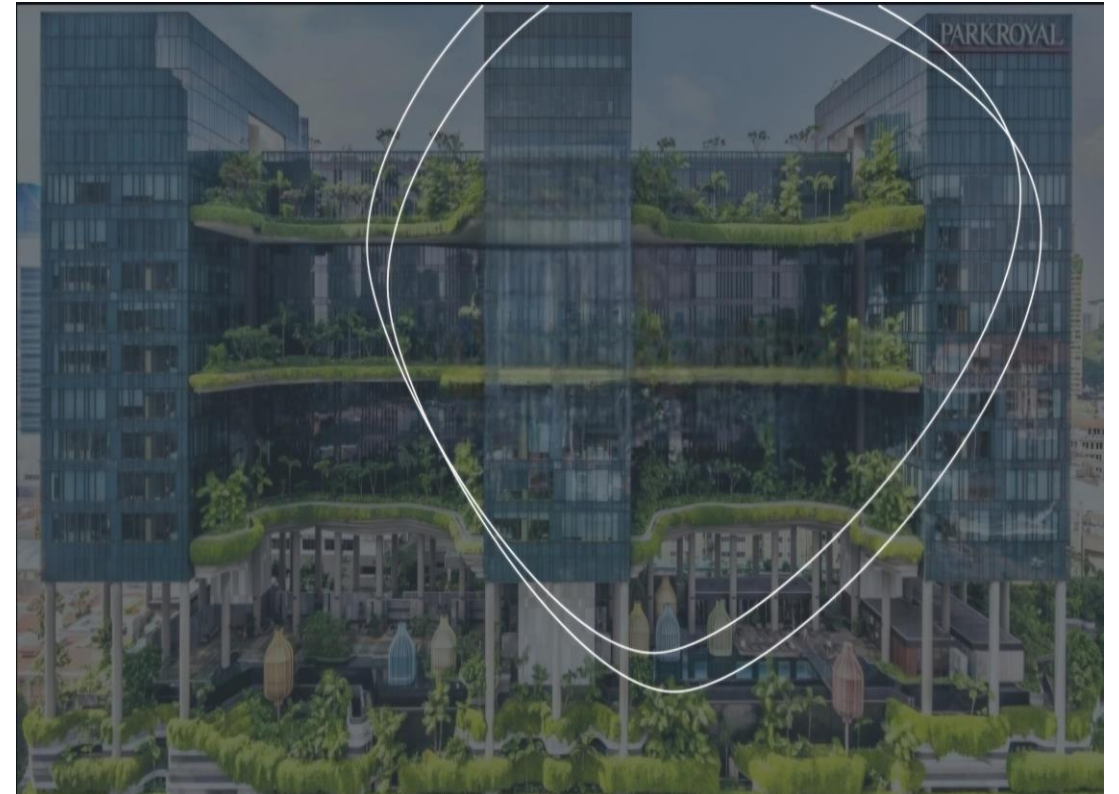
- Problem: Energy Inefficiency in Renewable Power Generation
 - Despite the growth of renewable energy sources, inefficiencies in power generation and distribution persist.
 - Challenges include intermittency, grid instability, and storage limitations, hindering the full potential of renewable energy adoption.



Green Graphene LLC

Our Solution

- Solution: The patented Genostep Kinetic Energy Harvesting
 - Built on a minimal viable product, Genostep Kinetic harnesses graphene-enhanced materials to capture and convert kinetic energy into electrical energy.
 - Successfully tested in small-scale trials, we're now gearing up for a large-scale pilot to validate scalability and performance.
- - Leveraging graphene-enhanced materials, our Genostep Kinetic system not only captures kinetic energy but also offers solutions to grid issues.
- - By integrating our system with existing infrastructure, excess energy generated can be efficiently stored and fed back into the grid, addressing grid instability and storage limitations.



Advantages and benefits of Genostep

- -Megawatt output through ubiquitous area
- - Sustainable: Reduces reliance on non-renewable energy sources.
- Versatile: Applicable across industries, from, flooring, wearable tech to industrial machinery.
- Cost-effective: Low maintenance and long-lasting energy solution.

Benefits of Genostep



Here we have an equation for the energy saving as well as the production of electricity by the Genostep

$$Eq. 1. \left(\left(\frac{W}{1,000} \right) h \cdot \left(\frac{\$}{kWh} \right) \cdot (BD) \right) + t - (LC) = ES$$

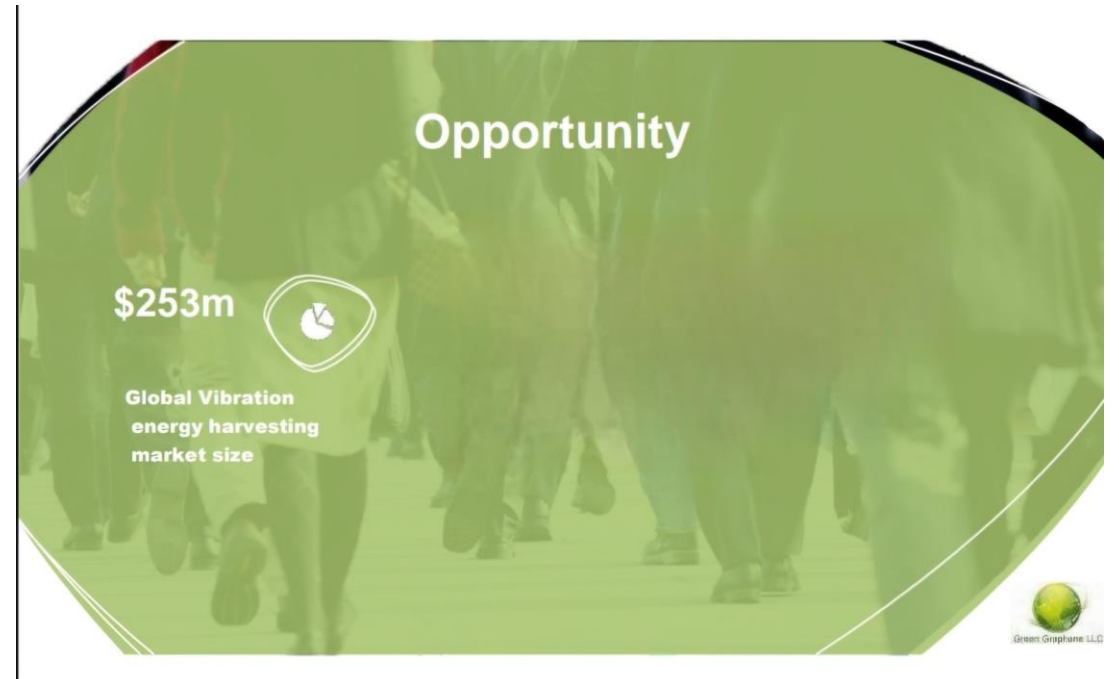
Where W is watts; 1,000 to convert the watts into kilowatts; h is hours of foot traffic; (\$/kWh) is cost of kilowatts per hour; BD is business days; t is transmission loss in US dollars ; LC is licensing cost; ES is energy savings

Values of equation 1

W/1000	h	(\$/kWh)	BD	t	LC	ES
36,720	6	0.14	260	\$5,337,600	\$500,000	\$12,857,248

Opportunity

- - Growing demand for renewable energy solutions.
- Multi-billion dollar market across sectors.
- Genostep poised to capture significant market share.



Competitive Analysis

- Competitive Analysis
- - Few competitors offering similar solutions, but none with graphene-enhanced technology.
- - Unique selling proposition: Superior efficiency and durability with graphene integration.



How it works:

Mechanism: Patented Genostep Technology

- - Graphene-based materials integrated into flooring, footwear or machinery.
- Converts kinetic energy from walking, running, or machinery motion into electrical energy via magnetically levitated Graphene-enhanced triboelectricity.
- Efficient, lightweight, and adaptable to various environments.



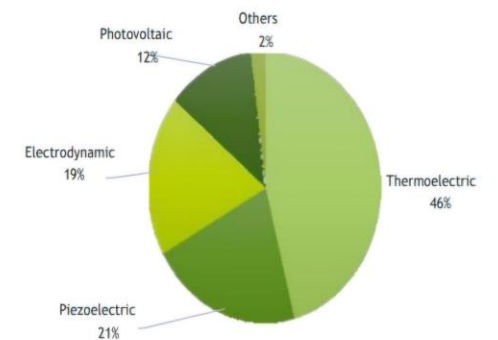
How to harvest energy?

Energy harvesting is the process in which a small amount of energy, that would otherwise be lost such as heat, light, sound, vibration, wind magnetic force or movement, is transformed into an electric current and stored for later usage.

It is well-known for its applications in solar cells and electro dynamo but it knows numerous new innovative uses thanks to recent digital trends, especially IoT. Energy harvesting is also a great tool to address the issue of climate change and global warming because it reuses ambient energy which is otherwise wasted.

The most common energy sources used for energy harvesting are mechanical, thermal energy and solar radiations.

Global energy harvesting market by technology



Roadmap to Success

- - Having achieved a minimal viable product, we're ready to embark on a large-scale pilot.
- This pivotal phase will validate scalability and gather crucial user feedback to refine and optimize our solution for widespread deployment.



Our Objectives

Our
Goals

Target Market

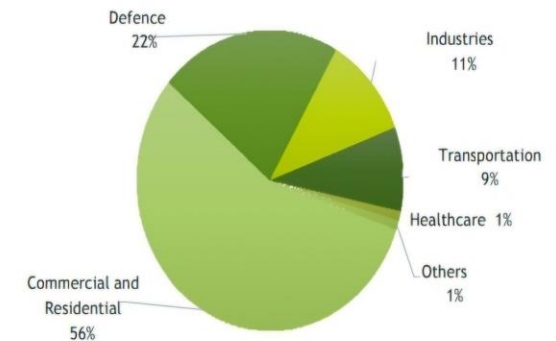
- Target Customers
 - - Industries: Wearable tech, IoT, healthcare, manufacturing, and more.
 - - Consumers: Fitness enthusiasts, flooring, outdoor enthusiasts, professionals seeking energy-efficient solutions.

A majority of **commercial and residential** applications

Commercial and residential are the most important application areas of energy harvesting. It is explained by the trend of smart houses and progress in home automation as well as the wish to minimize or eliminate batteries for mobile devices. The market was valued at EUR 672 million in 2014 and is expected to reach EUR 1,745 million by 2019.

In this field, energy harvesting has key economic and technological impacts as it facilitates the rapid spread of IoT devices by providing them with an autonomous power supply and by reducing the installation and maintenance costs in previously needed with batteries. Therefore, energy harvesting is enabling the development of technologies that would have not been economically possible without it.

Global energy harvesting market by industry



Milestones and Future Goals

- - Milestone: Successfully amplifying the output of our energy harvesting system.
 - Next Goal: Validate the amplified output in our upcoming large-scale pilot, marking a significant step towards commercialization and market expansion.

Conclusion

- Conclusion: Join the Energy Revolution with Genostep Kinetic
- - Transforming the way we harness energy, one step at a time.
- - Investment opportunity to be part of a sustainable future while generating substantial returns.

Team

Jacob Cox, MRSC
CEO, Inventor of Genostep



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