



A Revolutionary Consumer Tech Product that Fuels ACTION for ENVIORNMENTAL JUSTICE

ensuring Climate Protection & Sustainable Community Development

Co-Creating A Sustainable Digital Geo-Energy **Future Using Tech As** a Force For Good

#### **Executive Summary**

ENHEROES GROUP is crowd funding to commercialize World's 1st Carbon Neutral SuperKit, A Sustainable Utility Innovation that can help Corporates achieve Sustainability & Empower the ASEAN Geo-Energy Community.

\*1USD@4.56MYR

#### **Business Overview**

#### **Problem Statement**

Climate Change & Social License to operate together have led to the burning issue of Environmental Justice across Geo-Energy sector affecting billions of dollars but no comprehensive solution exist till date.

#### Solution by **ENHEROES**



ENHEROES is Asia's first DeepTech Impact Startup to commercialize a Revolutionary multi-purpose Carbon Neutral Super Kit to drive Environmental Justice across Geo- Energy sector while propelling sustainable innovations & facilitating Tech enabled Equitable Education resulting Socio-Economic Empowerment.



#### Strategic Thrusts for ENHEROES SUPERKIT Project

In July 2022, US Senate bill provides \$369B for clean energy to fight climate crisis, with historic support for Clean-Tech Innovations focusing Sustainability

Our current mission aims to make ENHEROES SUPERKIT accessible & affordable across ASEAN+ region so that foundation of an inclusive & connected Digital Society could be laid to co-create a Sustainable Digital Ge-Energy Future resulting a cooler earth.

#### **Product Overview**

Kindly Refer to Technical Information

#### Meet **ENHEROES SUPERKIT**

WORLD'S MOST SUSTAINABLE UTILITY INNOVATION ACROSS GEO ENERGY

A Multi-Purpose Scalable Green Hydrogen Production & Storage System to enable Carbon Neutral Digital **Environments On-Demand.** 











An Al enabled immersive Super App unlocking a Responsible Geo-Energy **Economy with Sustainability** as a Service.





Fulfills a range of unmet latent Sustainability needs of Geo-**Energy Sector but adaptable to** any Industry Sector

world

Available in budget & premium Subscription mode for retail & enterprise customers.

#### The Big Idea **ENHEROES**

**Carbon Neutral Super Kit** 

ENHEROES carbon neutral super kit is a Utility Innovation tool with collection of essential sustainable computing devices & gadgets integrated with a smart Super App helping users to discover, design, develop & deploy numerous Executive Productivity solutions in one place in a responsible manner using the SUPERKITs as a connected AI platform for Intellectual Asset Farming. In other words, it is a singular resource unit that offers multiple solutions related to Intellectual & Business Growth under one roof focusing Carbon Neutrality & Sustainable Community Development. No such comprehensive productivity tool with so many Business-Social-Environmental value added features exist across Geo-Energy Sector yet.



**ENHEROES** has developed an Impact Driven DeepTech Platform where **Business & Society Co-benefitted** & Prosper Together by purposeful engagement of Community of Practices to deliver Environmental Justice .

**ENHEROES** is offering an industry first **Executive** Super Kit which can enable Corporates, Educational Institutions & Communities to collaborate & engage for facilitating equitable learning & career development opportunities while championing a Carbon Neutral Future.

following an Impact business model called Doing Well by Doing Good a fundamental principle of achieving shared Carbon Neutral Prosperity & **Environmental Justice.** 



**ENHEROES** 

**ENHEROES** is

Meet **ENHEROES** SUPERKIT; WORLD'S MOST SUSTAINABLE UTILITY INNOVATION ACROSS GEO ENERGY

This SUPERKIT is most advanced sustainability & **Environmental Justice** enabler across Geo-

Energy promoting Green

Hydrogen & Sustainable

cost efficiency & easy

Computing together with better

financing options in form of a

Portable yet Scalable Consumer

**Mobility Card** enabling members to access various Fuel-Cell-Electric -Vehicles on-demand with super The SUPERKIT with its

advanced patent pending Al technology can be able to automatically earn & pay essential utility & household bills through an Al powered Smart & secure Digital wallet on behalf of its Owners allowing users to spend more time on skill development, problem solving ,creative thinking, Entrepreneural aptitude deve lopment for incubating high impact solutions aimed at delivering Environmental Justice in local

It is accompanied with a smart Urban

> The Super Kit enables integrated access to Digital Twin Super University chain, a Digital Twin Global Tech **Summit Platform** & world's 1st Community led Green SuperComputing Grid being developed by

It comes with "ENHEROES ONE" privilege membership card unlocking unlimited access to premium services available at Smart community led mixed residential Hubs to

be commissioned by ENHEROES

ENHEROES.

It comes with an innovative Peer Social Responsibility Reward scheme where the owners shall buy & lease back the SUPERKITs to ENHEROES to be commissioned in its special purpose projects & create long term stable Earning & Rewards for themselves & improving the standard of living of the less privileged.....

The SUPERKIT can help Corporates Champion Sustainability & Empower the Geo-Energy Community to Act for Environmental Justice

# Potential Industry Use Case

# Business **Application**



1.The SUPERKIT Can be used as an Intellectual & Business Productivity Enhancement Tool Across Geo-energy Industry Smart OnDemand □ DeepTech

> **Mobile Offices Innovation Labs** ■ Experimental learning &

Sustainable innovations



#### **Impact** □ Digital Divide □ Equitable Education Utility Green Energy Urban Resilience

•In line with the Malaysia Government's MyDIGITAL initiative to create an inclusive digital society across ASEAN region.

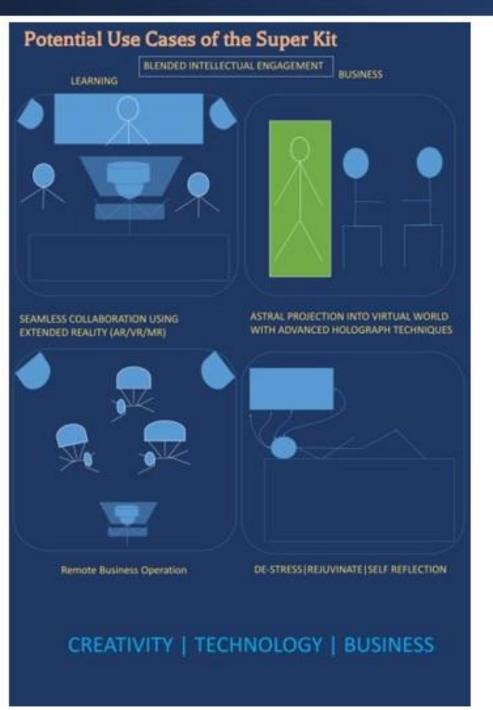
•An enabling tool for the implementation of ICT toward SDGs covering socio-economic development projects

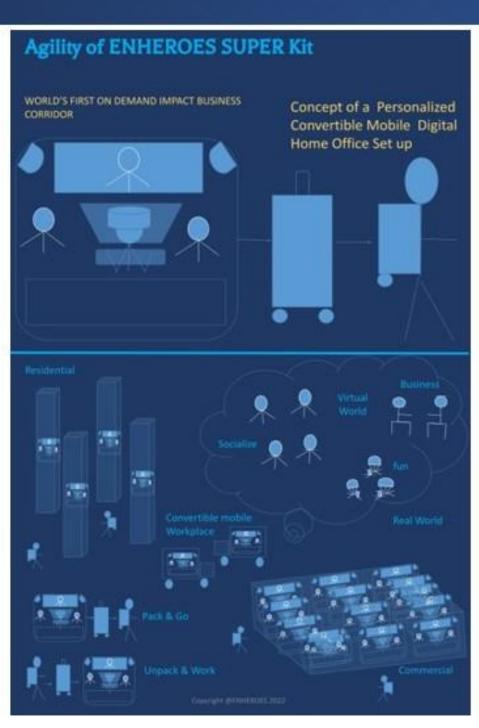


ENHEROES shall commission a chain of Hydrogen powered Geo-Energy Digital Impact Parks to fuel Sustainable Innovations & Environmental justice across ASEAN + region with Carbon Neutral Digital Infrastructure.

# Product Utility & Working Mechanism

Kindly Refer to Technical Information Brochure for more details





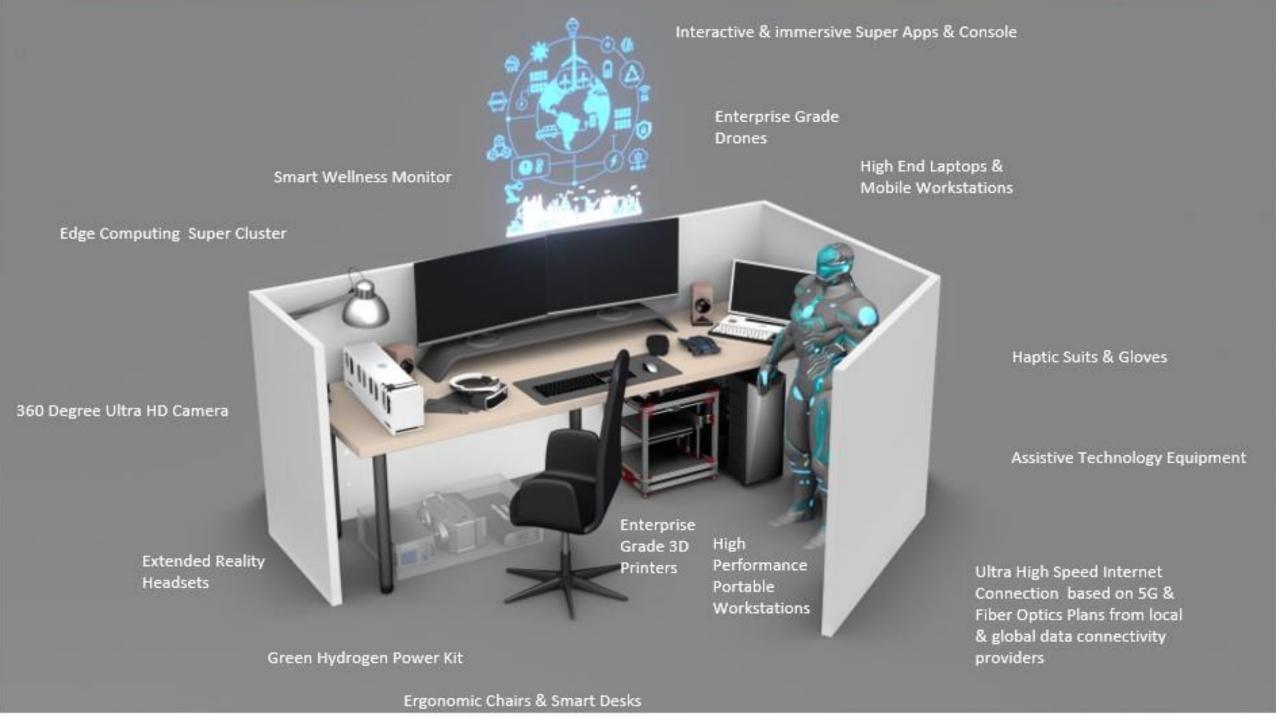


# **Industry Use Case 01:**

SuperKit can be used as an intellectual & Business Productivity Enhancer

The Superkit Can Fuel Tech Startups Across Geoenergy Industry in line with Malaysia Digital Vision OnDemand Anywhere.





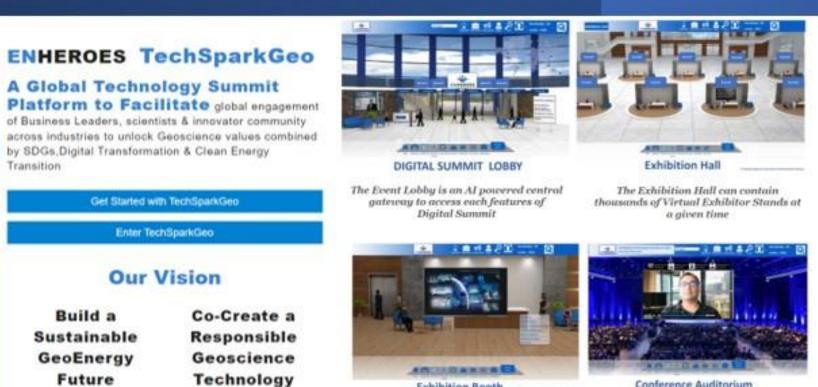
# **Industry Use Case 02:**

THIS CARBON NEUTRAL SUPERKIT ENABLES ACCESS TO A DIGITAL TWIN TECH SUMMIT PLATFORM

Thousands of Plenary Sessions could be









Working Prototype & Execution Plan Ready for Demonstration

SDGs, Digital Transformation & Clean Energy

Enter TechSparkGe

Our Vision

Ecosystem

Sustainable

Together

**Exhibition Booth** 

The virtual exhibition booth provide a

real time Product/Service showcase



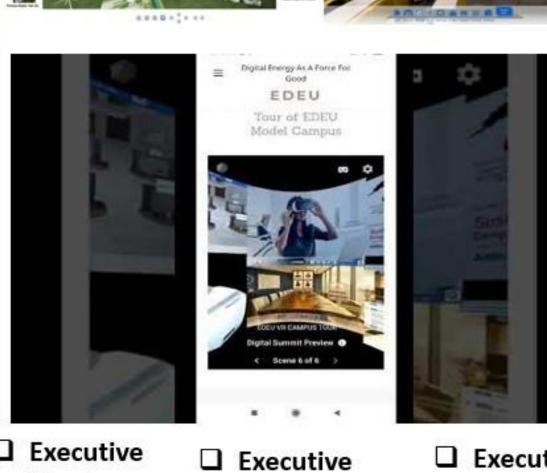
**Industry Use Case 03:** 

THIS CARBON NEUTRAL SUPERKIT ENABLES ACCESS TO A DIGITAL TWIN SUPER UNIVERSITY

**OnDemand Executive Education from GEDIP** 

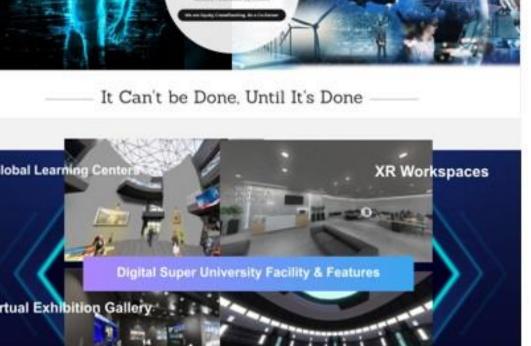


Courses



Workshops





Certification from Leading Partner Institutions

Working Prototype Ready for Demonstration

THIS SUPERKIT IS GATEWAY TO AN INDUSTRY FIRST Industry Use Case 04: Geo-Energy Community LED CARBON NEUTRAL SUPERCOMPUTING & DATA CENTER FACILITY.

Affordable Green Super **Computing & Data Centers** Services





# **Industry Use Case 05:**

THIS CARBON NEUTRAL SUPERKITS ARE THE BUILDING BLOCKS OF DIGITAL TWIN IMPACT PARKS



ASEAN+ Geo-Energy Digital

its Strategic Partner Consortium.

Community Led Open Research &



# The High-Level Workflow

How Action for Environmental Justice MISSION will drive Geo-Energy Community to champion

sustainability Leveraging on the Power of SuperKits !



ENHEROES organizes Environmental Justice Centric Training, Research, Ideation, Brainstorming

& Design Thinking hackathon Workshops to build a pool of highly valued

Sustainable Program Ideas at its Geo-Energy Digital Impact Parks.

ENHEROES Impact Angels Review , Back & Subscribe worthy Pilot Program Ideas.

ENHEROES designs innovative Environmental Justice Centric Pilot Subscription Programs

ENHEROES develops, deploys & measures ESG impacts of the Pilot Programs on its Platform.

the Pilot programs can not demonstrate the proof of impact then they are sent for wallets automatically receive funds & Partner Resources to scale the programs a

Large Scale Environmental Justice could be attained co-benefitting all stakeholders of the Program. The SUPERKITs will provide the necessary digital environment & intellectual resources to the communities to undertake the Mission.

The novel AI system in the backend learns how to build better programs & becomes autonomous using Smart Contracts & Kubernetes over time. It can eventually optimize the available resources autonomously building low cost & highly impactful programs fueling

## **Business Model**

Kindly Refer to Technical Information **Brochure for more details** 

ENHEROES is following a "Doing Well by Doing Good" Benefit Corporation model where we generate both revenue and Impact by

- Commercializing industry leading Sustainability centric solutions in short term
- 2. Operating a chain of Geo-Energy Digital Impact Parks(GEDIP) in long term by using a hybrid membership subscription model both at consumer & enterprise level.

How revenue will be Generated?

Sale of SUPERKIT Subscriptions to **Professional community** & Corporates

Online

IP monetization & Securitization

Franchising of **SUPERKIT Stores** 

What is the operational Model?

Demand

it Economics of SuperKits		Unit Economics of GEDIPs	
ntive Retail Price of usiness SuperKit	10K USD	Turnover of One Geo-Energy milli	100.0 millio
ber of Business SuperKit commissioned by end 23	10000	Digital Impact Park	USD
		Total Number of GEDIPs to be commissioned by end of 2030	100
Revenue from Sales by	100.0 million	Estimated Revenue from	10.0 E

**Leasing of Geo-Energy Digital Impact Park** Facilities & Sale of Services

#### Unit Economics of SuperKits

Tentative Retail Price of 10K USD 1.0 Business SuperKit		Estimated Annual Busine Turnover of One Geo-End	
Number of Business SuperKit to be commissioned by end of 2023	10000	Total Number of GEDIPs commissioned by end of	
Total Revenue from Sales by end of 2023	100.0 million USD	Estimated Revenue from GEDIPs by end of 2030	

#### acquire & retain our customers & partners with a Responsible Stewardship based **Reward Scheme**

We are aiming to

ASEAN+ Geo-Energy Digital Sustainability

Focused Market Overview

It is a Blue Ocean to be unlocked & shared by ENHEROES

Ecosystem represents a niche & premium Total Addressable Market of Size 10 billion+ USD.





1.0mn+ Sustainability Marketplace 100 +

**Professionals & Executves** 

Higher Educational Institutions

Startups

20+

10k+

Digital Geo-Energy is one of the fast rising Billion

Dollar Sustainability market in ASEAN+ Region with

high demand for services of ENHEROES SUPERKIT.

**Professional** Societies

**Geo-Energy** Hubs

1.0k +

**Large Corporations** 



# Competitive Advantage & IP Valuation



- IP based on Novel Al Technology
- Exploitable Commercially by Licensing **Exclusive Patent Rights in 20+ Countries**
- Freedom of commercialization in 150+ Countries without any legal Entry barrier
- Unique & Highly Valued as confirmed by World Intellectual Property Organization after **Substantive Patent Examination**
- Provides upper hand in Business Collaboration or M&A negotiations
- **Enables faster Market Penetration due** to limited competition.

JSD1.0Bn+ Estimated

Net Present Value of Intellectual Assets of ENHEROES using future income method.

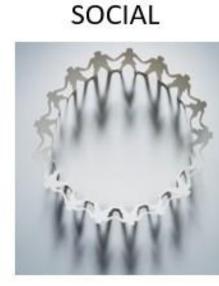
#### KEY POTENTIAL STAKEHOLDERS OF ENHEROES SUPERKIT PROJECT



#### Potential ESG Impact Metric by 2030

# **ENVIORNMENTAL**

commissioning SuperKit enabled Urban Sustainability Solutions.



Environmental 10.0 million underprivileged ASEAN citizens

Equitable Executive Education & million Geo-Energy Community across the

**GOVERNANCE** 

Generation of USD 10.0 Billion

• Omn SuperKit Subscriptions in 150+

Unlock USD 50 billion worth

Dollars Revenue from selling

Sharable Carbon Neutral Economy from 100+ Geo-Energy Digital Impact Super Parks across the

inclusive Professional

Geo-Energy Digital community dedicated

to drive ENVIORNMENTAL JUSTICE.

There is no other utility innovation across Geo-Energy Industry & ASEAN Region that blends Environmental & Social Values with so many business value propositions in a single consumer tech product.

# SDG Fulfilment Metric of ENHEROES SuperKit

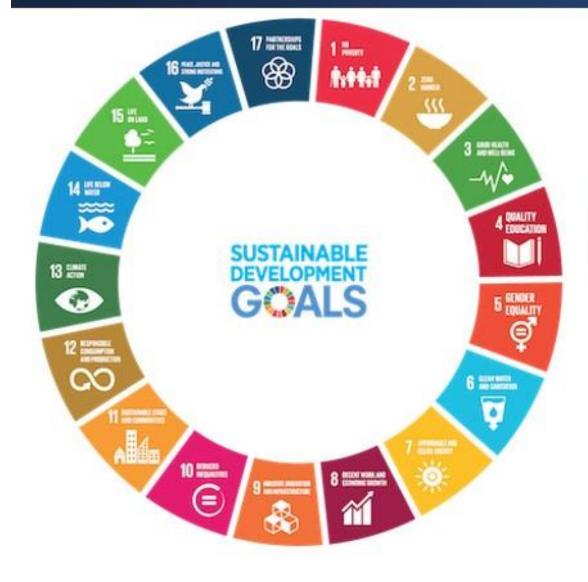
enabling tool across Geo-

**ENHEROES** 

**Energy sector** 

transforming it to

be more inclusive &





**SDG 17 SDG 13** 

Strategic

Partnerships for



Collective Climate

Action for Net

Carbon Neutrality

## **Team & Community Support**

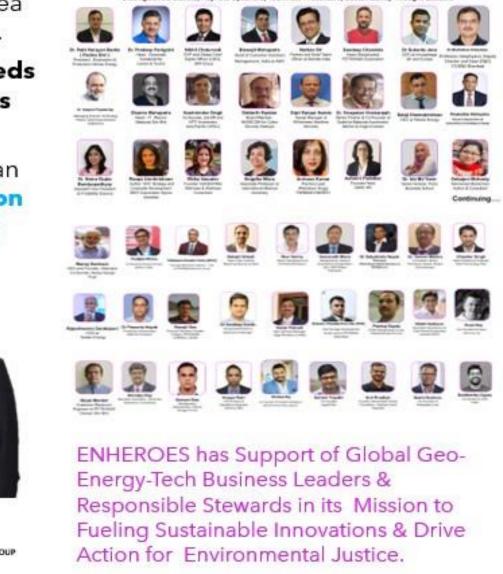
- ENHEROES has been led by its Geo-Scientist turned Founder since 2016 systematically turning it from a random idea into an investment worthy startup venture.
- It has received open support of hundreds of Leaders & Domain Champions across Geo-Energy sector.
- · ENHEROES is in process of setting up an **Early Rapid Commercialization Execution** Team shortly after closing its seed fund



·Oversees and manages early

commercialization & Go to Market







# Awards & Recognition

ENHEROES has emerged as a Technology Startup Brand promoting Sustainability around Geo-Energy Sector with appearance in leading ASEAN Startup Magazines.

It has secured formal industry recognition of

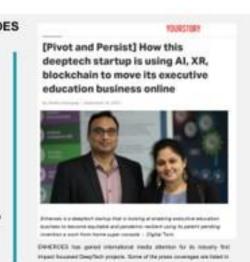
MDEC,CIMB,WIPO,PFAN,PwC.

ENHEROES has secured formal tie-up with IIT(ISM), Dhanbad India to offer executive programs to Global Geo-Energy Professionals.



pitchIN







Shubhabrata Samantaray Founder & CEO ENHEROES GROUP

## **Notable Awards**

2022

MDEC

LEADING MALAYSIA'S DIGITAL ECONOMY FOR

- Recipient of Malaysia Tech Entrepreneurship 2022 (MTEP) Fellowship Award Selected among Top 20 ASEAN SMEs at CIMB Sustainability Summit 2022
- Strong Contender of winning Global Technology Award (GTG) by MDEC.

Best Geoscientist Award at ADIPEC 2013 International Conference.

# Current Status & Future Milestones

Introduce Special Purpose Pilot Programs so that The GEDIPs can fuel the Sustainable **Development of Geo-Energy** 

Community while benefitting Corporates & Governments together helping them champion Net Zero Mission in ASEAN+

ENHEROES has been bootstrapped till now, it has started receiving early traction. It is expecting B-Corp & Malaysia Digital Status by end of 2022.

### **Exit Options** for Investors

☐ Next **Fundraise** Rounds

with a SPAC

Sponsor

■ Merger

- Listing in NYSE ☐ M&A with

a Corporate

having Strategic Fit

- Direct
  - - ☐ Listing in Secondary Markets
    - Stock Exchange
- ☐ Listing in ACE Market of ASEAN

#### DIGITAL IMPACT PARK Funding **Commission Digital Twin Super University** Usage Q3 2023 Commision 1000 Q4 2023 **Enterprise Grade Commission A Super SUPERKITS Computing Grid &** Q2 2023 Q1 2023 hyperscale Data **Commission a Digital Twin** Center **Super Summit & Expo Facility** Set up an Impact Angel Fund

KEY MILESTONES OF GEO-ENERGY

#### By 2025 100% Green **Energy Source**

100+ Sustainable **Business Themes** 

100+Sustainable Communities

# Call to Action

**ENHEROES Super Kit project & Geo-Energy** Digital Impact Super Parks shall empower executives & leaders across Geo-Energy sector to co-create business profitability & large-scale social progress while protecting the planet, a first of a kind urban resilience solution in its segment propelling Doing Well by Doing Good philosophy.

■ Please support help Action for Environmental Justice by becoming a Subscriber of ENHEROES Early Impact Angel Program & an early backer of our **Upcoming Digital Geo-Energy** Sustainability Projects getting tons of Rewards & Perks with handsome return on investment.



Thank You Email:founder@enheroes.co

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