



# GENES

**G ENVIRONMENT & ENERGY SOLUTIONS MALAYSIA SDN BHD**

**“One-stop solution platform for power generation system integration, renewable energy solutions and energy intelligence platform using AI and Blockchain”**

# INTRODUCTION

- A PaaS energy intelligence platform for **reducing energy cost and minimizing environmental impact!**
- Creating an eco-system of global clients and energy solution providers
- Solutions recommended will be financed by our participating partners\*





GENES

## WE DEVELOP AND DELIVER BEST FIT SUSTAINABLE ENERGY SOLUTIONS

Supported by



Assessment &  
Advisory Services

GAED has expertise to provides services in the **energy intelligence platform** in driving sustainability, economic efficiency in energy consumption and offers an integrated energy turn-key solutions services.



Renewable Energy  
Specialist

Delivering efficient renewable energy solutions through integrated service covers all technical, commercial, regulatory and environmental aspects, commissioning and monitoring the performance of the solar energy.



Power Generation  
Solutions

**Custom Design**, supply power generation controls and switchgear exported to 20 countries. 25 Years Experience in the Energy Industry as a Power System Integrator

# OUR MANAGEMENT TEAM



**Azhar Othman**

20 years experience in the energy industry. CEO and Founder of GAEDKeeper



**Roland Lim**

He is the COO and Co-Founder w 15 years experience in engineering



**Ankur Maneshwari**

He is the CTO, Founder of Blaze Protocol Gear Bubble and advisor to blockchain projects



**Ho Chii Wen**

He is the CFO, a Chartered Accountant with 25 years of experience in MNC Finance and Strategy



**Rahim Tahir**

Business Development with 25 years of experience in regional management



# TECHNICAL SUPPORT TEAM



**Amran Othman**

- Technical Director
- Advisor for HVAC and Building Management with 30 years of experience



**Ilham J Robbani**

- GCPV Solar Specialist
- Indonesia
- Degree in Electrical Engineering



**Nitin Saxena**

- Product Development of GAEDKeeper
- MBA in Operation
- Bachelor of Technology
- Certified Energy Auditor



**Aziz Ismail**

- Energy Analyst Manager
- Master of Engineering
- Degree in Electrical Engineering



**Shireen Zulkifli**

- GCPV Solar Specialist
- SCEM Malaysia
- Degree in Electrical Engineering



**Imran Fazley Ibrahim**

- Lead Programmer
- MBA in Strategic Management
- Bachelor Degree in Electronic Engineering

# The multi billion dollar Global PROBLEM



The global electricity usage has been steadily increasing through the years. Yet, even with government interventions and new infrastructure in place, the rising demand and wastage of electricity remain a problem.



01

Wastage of energy  
consumption leading to  
billion dollars of losses



02

The ever increasing  
demand leading to a  
rise in utility costs



03

Fragmented market  
leading to confusion  
with no central point of  
information



04

Environmental pollution  
from traditional power  
plants and inefficient of  
equipment used

# MARKET SIZE

Total World Energy  
Efficiency Market

\$300 B

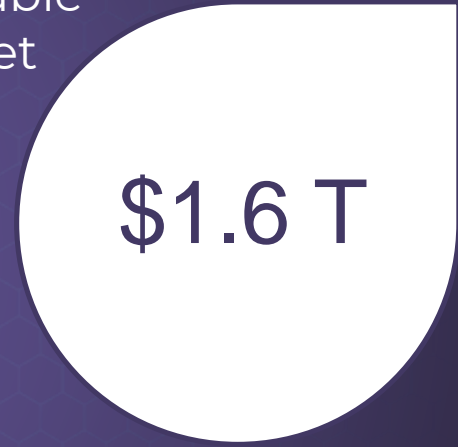


Source

<https://www.cnbc.com/advertorial/2017/09/19/a-300-billion-energy-efficiency-market.html>

Total Renewable  
Energy Market

\$1.6 T



Source :

<https://interestingengineering.com/renewable-energy-market-to-garner-2152-billion-by-2025-reveals-report>

**Annual loss of US1billion per country because of energy wastage and losses contributing to climate change**





# THE SOLUTIONS



Auditable and transparent



Using Blockchain Technology making data collection auditable and transparent



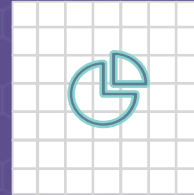
Fast Analysis Report



We produce multiple reports within minutes compared to weeks using traditional method



Easy Identification of Anomalies

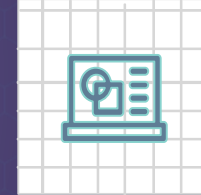


From the reports, it allow us to identify areas of the anomaly and recommend an action plan to address the energy efficiency

ZAFFRA  
SOLAR



Best Fit Solutions

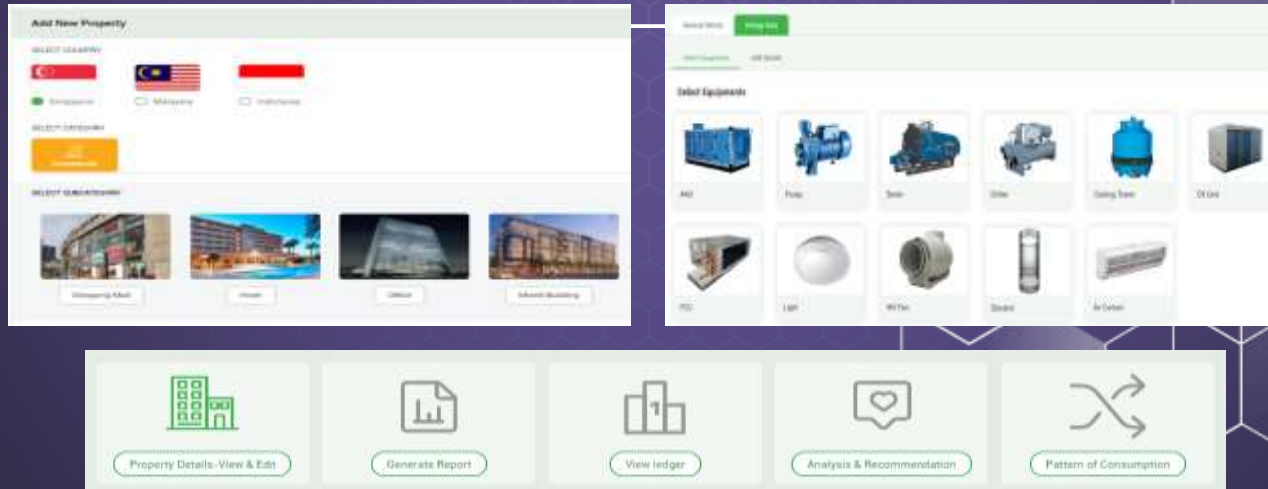


Energy Conservation Measures with Guaranteed Savings and fully financed solutions

# ASSESSMENT & ADVISORY SERVICES



Using AI solutions based and Blockchain Technology that provides accurate, unbiased analysis based on the power generation data inputs by clients, it is thus making Data Collection Auditable and Transparent. GAEDKeeper, an intelligence platform providing an application program with an advanced data analytics framework for renewable energy and energy efficiency in buildings.



# COMPARISON WITH OTHER ASSESSMENT & ADVISORY SERVICES

Company Name	GAED	ET	TT	OR	HE
Remote access	✓	✓	✓	✓	✓
Generate report in minutes	✓	✓	✓	✓	✓
Help reduce utility cost	✓	✓	✓	✓	✓
Blockchain technology	✓	✗	✗	✗	✗
End to end solutions	✓	✗	✗	✗	✗
Subscription based	✓	✓	✓	✓	✓
Myriad of vendors support with AI driven technologies	✓	✗	✗	✗	✗
Help reduce carbon emission	✓	✓	✓	✓	✓
Available in multiple countries	✓	✗	✗	✗	✗
Financial Solutions with Guranteed Savings	✓	✓	✗	✗	✗
Residential	✓	✓	✓	✓	✓
Commercial	✓	✓	✓	✓	✗



# ASSESSMENT & ADVISORY SERVICES OVERVIEW



Dashboard



**GAEDKeeper**



Energy analysis w  
multiple ECM measures



Is an Energy  
Intelligence  
Platform able to  
produce energy  
advisory report  
within minutes  
instead of 2 weeks.

Report  
Available in PDF  
format



Recommendations  
will incorporate  
demonstrated and  
tried arrangements  
from our platform.



# BUSINESS MODEL

LICENSING (\$100k per year)



Energy/Facilities Manager (\$100/month subscription)



ASSESSMENT & REPORT (\$50 to \$4000 per report)



SOLUTIONS IMPLEMENTATION (Monthly commission from vendors at 5% to 20% per solution for a period of 5/10/20 years)



# CUSTOMERS' REFERENCES



Shopping mall  
Ferry terminal  
University  
Dormitory  
Residential

Mosque  
Textile Factory  
Hospital  
Office Building  
Manufacturing plant



# ACHIEVEMENTS and TESTIMONIALS



**FUNDS RAISED in 2020  
through LEET CAPITAL :  
RM500k**



"The team from GENES did an analysis of our Darul Ihsan – Home for the Orphanage building. They obtained the data from our personnel and provide a report of the losses and savings expected. They then lead the implementation of the renewable energy solutions to help us reduce our monthly cost of operation".

Even in the midst of Covid-19, we were able to present our energy analysis and savings to AEON personnel over zoom

**Muslim Trust Fund Association**



# FORECAST PER MONTH

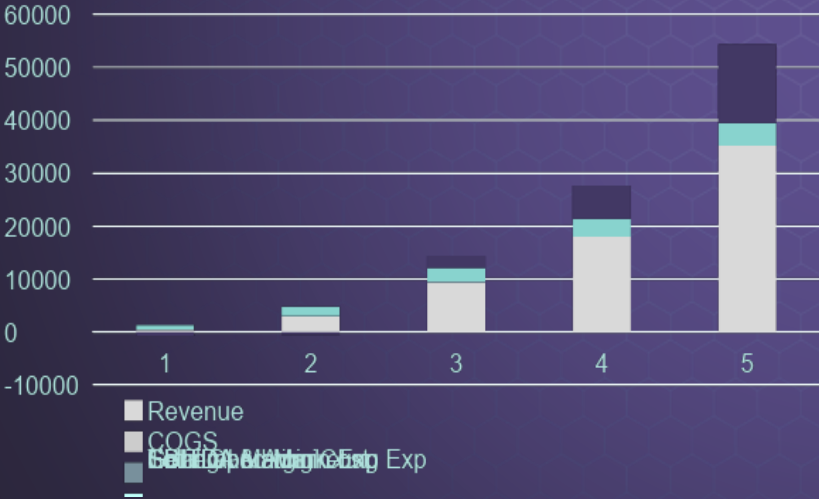
**\$35million**

Expected gross revenues from 2021-2024

**700**

Metric ton of carbon emission reduction

Projected Income



**\$10,000**

Average user savings per deal

**40**

Industrial & Commercial Buildings

**3**

Singapore, Indonesia & Malaysia

**10**

Total RE/EE projects implemented



# 5 YEARS FINANCIAL PROJECTIONS

USD	2021	2022	2023	2024	2025
<b>Revenue</b>	514,539	3,498,000	9,883,000	17,988,000	32,000,000
<b>Gross Profit</b>	206,543	1,821,000	4,705,000	8,238,000	14,300,000
<b>EBITDA</b>	(394,844)	594,177	3,065,948	4,910,591	9,155,280
<b>Profit After Tax</b>	(399,910)	417,133	2,195,961	3,447,443	6,381,210

# FUNDS REQUIRED RM1million to RM5million (For 2.4% to 10.7% share of the equity)



# INVESTMENT OFFER

	Minimum Target	Maximum Target
Target Amount	RM1,000,000	RM5,000,000
Type of Shares to be Issued	Non-Redeemable Ordinary Shares	
Pre-Money Valuation *Valuation by Valueteam using 3 methods (Trading, Transaction Multiples & DCF)	RM41,680,000	
No. of Share Issued Before Funding Exercise	40,500,000	
Price Per Share For ECF (RM)	RM1	
No. of Shares to be Issued	1,000,000	5,000,000
Post-Money Valuation	RM42,180,000	RM46,680,000
Equity Offered	2.4%	10.7%
Dividend Payout	Dividend payout of 15% out of the net profit will be paid out annually to shareholders based on the shareholdings percentage starting in year 3	

# INVESTMENT INCENTIVES (Until 17 July 2021)

Investment Value	No. of Extra Shares
RM5,000 - RM10,000	Extra 5% shares
RM10,001 - RM30,000	Extra 10% shares
RM30,001 - RM60,000	Extra 20% shares

# INVESTMENT INCENTIVES (Until 3 September 2021)

Investment Value	No. of Extra Shares
RM60,001 - RM100,000	Extra 25% shares
Above RM100,001	Extra 30% shares



**Target IPO in Year  
5**

# CONTACT

Does anyone have any questions?

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THANKS

