

Table of Contents

i. Abstract	1
ii. Problem Statement	1
iii. Background	2
iv. Findings	3
v. Solution	3
v.a. i2g=mfc	3
v.b. MDT Utility Token	9
v.b.i. The MDT Ecosystem	9
v.b.ii. The MDT Platform	10
v.b.iii. Trading Exchanges	10
v.b.iv. The MDT Marketplace	11
v.b.v. The MDT Investment Opportunities	13
v.b.vi. The MDT Roadmap	15
v.b.vii. The MDT Tokenomics	16
vi. Partnerships & Affiliates	17
vii. Conclusion	17
viii. The Team	18
ix. The Case Study	22
x. The Companies	24

i. Abstract

This document describes the intelligent, integrated and green i2g = mfc home system, a minimalist, functional and scalable home design. It has a very low carbon footprint by using renewable energy, green design and an intelligent control system. It has a short build time, is affordable and elegant. It is scalable for single, couple or mid family size occupancy. i2g = mfc “The home that cost less for more”.

It also describes MDT the Modern Development Utility Token, a BEP-20 Binance standard token block chain which is developed in order to create an inclusive, decentralized, trusted and smart eco-system for project funding, reward and investments

ii. Problem Statement

Housing development design and construction paradigm:

Affordable housing is a common problem for third world and developing nations, and a house is home to a basic unit of the society which is the family.

Conventional paradigm of how a house is built is one of the reasons why housing has become costly to build and maintain, resulting in housing backlogs for the middle to lower income class of the society. The same conventional approach is also the cause of higher carbon footprint and non environment friendly houses being built.

Investment instruments and funding mechanism:

Traditional real estate project funding are difficult to obtain for game changer or disruptive ideas that aim to change the world.

Traditional real estate investment instruments are not inclusive because you need to have a big amount of money to invest in real estate. The investment entry and exit are not easy.

iii. Background

Conventional Housing Methodology

1. Land Development

- Terrain disturbance
- More use of concrete for house foundations
- Use of heavy equipments
- More heavy equipment and materials results in higher real estate cost
- More time means higher labor cost resulting in higher real estate cost

2. House Development Construction

- More use of concrete for columns and walls
- Concrete columns and walls disadvantage
 - * Finish is not consistent (Poor quality build / higher labor cost)
 - * Needs painting (Higher labor cost, Subject to wear and tear)
 - * Heat absorption (Requires more energy to cool the interior)
 - * Water absorption (Contributes to wear and tear)
 - * Construction timing is affected by weather (Construction delays)
 - * Visual or Optical obstruction (Space constriction)
 - * Natural light obstruction (More Electricity required)
 - * Non recyclable material (Environment hazard)
 - * Labor intensive (Higher build cost)

3. House Development Funding and Investment

Conventional Real Estate / Housing Funding Mechanism

1. Property Developers / Real estate tycoons. These property developers use land banking and fund the projects by secured bank loans or money from private / public investors.

Conventional Real Estate / Housing Investment Mechanism

1. Property Developers / Real estate tycoons
2. Individuals doing buy and hold strategy
3. Individuals buying shares from Public Listed Company

iv. Findings

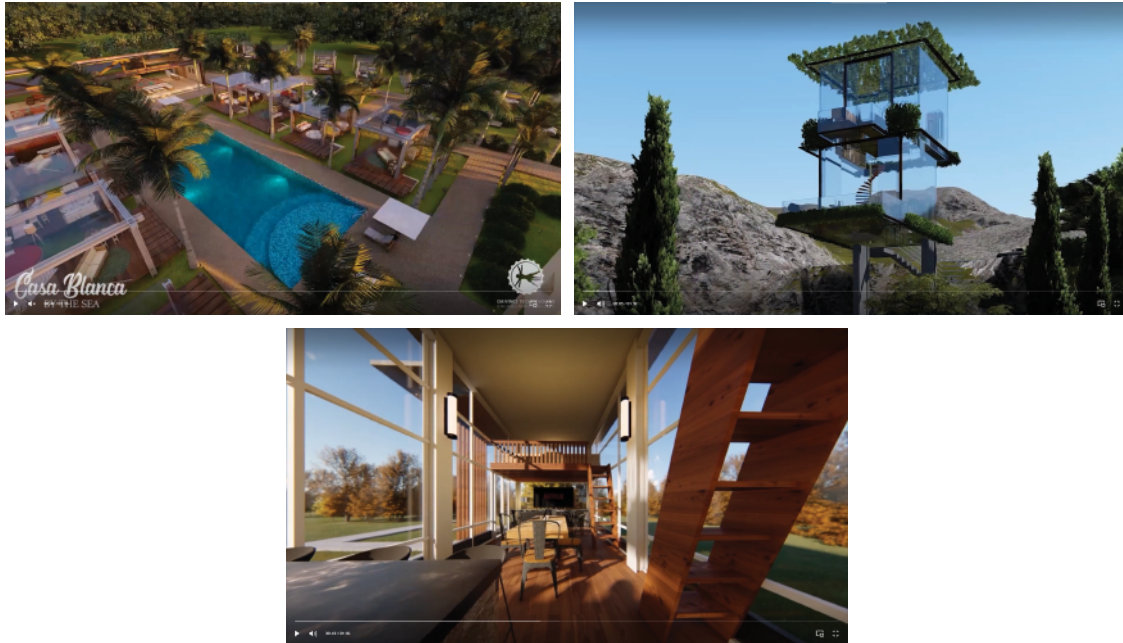
The following observations are facts:

- Conventional houses are costlier to build due to higher materials and labor cost.
- Conventional houses are costlier to maintain because of its design build it requires more electricity for lighting and climate control (e.g. air-conditioning/ fans)
- Conventional houses have higher depreciation because concrete which makes up the biggest material in the house deteriorates with time due to heat and water absorption characteristics. The finishing materials like paint also deteriorates with time.
- Conventional houses have higher carbon footprint.
- Conventional houses are built with non recyclable materials therefore not environment friendly.
- Brilliant, disruptive ideas of building eco-friendly houses are having difficulties in getting funding due to the traditional centralized and exclusive investment methodology (e.g. You need to get a loan from a bank with collateral)
- Investing in real estate is exclusive only to those that has huge cash haul or those that are bankable to be able to loan money from the bank.

v. Solution

v.a. The i2g=mfc home system

A holistically designed home system considering aesthetics, environment, sustainability and cost at the core premise of the solution that needs to be achieved. The i2g = mfc home system which stands for integrated, intelligent and green is minimalist, functional and scalable. “The home that cost less for more”



View videos on <https://www.moderndevopmenttoken.com/whitepaper>

Housing Construction Methodology

1. Land Development

- Stilt design therefore minimizing terrain movements and also use of concrete for foundations.
- The materials are factory prepared therefore minimal labor cost on site and weather will not be a constraint to prolong the construction.
- Lower labor cost and minimal land development cost.

2. House Development

Rationale 90% Glass Wall and Roof usage:

1. Visible Transmittance

Glass absorbs, refracts or transmits light. It can be made transparent or translucent, so it adds extraordinary beauty to the building. It transmits up to 80% of available natural day light in both directions without any yellowing, clouding or weathering.

Glass allows you to connect with the outer world visually. Thus, it saves energy and reduces electricity bills. It brightens up the room and enhances the beauty of your home it boosts the mood of occupants.

2. Weather and Rust Resistant, Dustproof and Waterproof

Glass is fully weather resistant so it can withstand the effects of the wind, rain, or the sun and can retain its appearance and integrity.

Additionally, glass does not rust. So, degrading gradually by chemicals and surrounding environment is not the case with glass.

Glass has a smooth glossy surface, so it is dustproof and can be cleaned efficiently. Also, it is waterproof.

3. UV Stable

Glass is UV stable since it is not attacked by ultraviolet radiation and hence cracks, discoloration or disintegration will not occur.

4. Insulator of Electricity

It is an excellent insulator against electricity. It is impossible to conduct an electric current under the influence of an electric field. In the absence of free electrons, it ensures that you are safe from any electrical hazards.

5. Recyclable and Sustainable Material

Glass is 100% recyclable, and it does not degrade during the recycling process. Glass respects the environment.

The integrated system of recycling provides cost-savings and a reduction in carbon footprint, which ultimately results in use of lesser natural resources.

Rationale 90% steel / iron based structural:

1. Tensile Strength

Tensile strength of steel is much more times greater than concrete.

2. Ductility and safety

Steel is also ductile in nature. Ductility is basically the warning that structure gives before failure.

Concrete is brittle in nature. So it fails suddenly after crossing factor of safety line. In case of steel structures there are some defined limits. When structure cross these limits steel structure does not collapse suddenly. Ductility gives enough warning so building can be evacuated safely.

3. Strength to Weight Ratio

Steel has also high strength to weight ratio as compared to concrete.

4. Lighter and smaller columns

Steel has smaller columns as compared to concrete columns, generating more usable space.

5. Recyclable and Sustainable Material

Steel is 100% recyclable, and it does not degrade during the recycling process. Steel respects the environment.

The integrated system of recycling provides cost-savings and a reduction in carbon footprint, which ultimately results in use of lesser natural resources.

Configurable/ Scalable/ Stackable:

1. Configurable

The glass house functionality can be configured to suit the end user's desire. It can be a cozy weekend rest house. It can be an office or it can be both.

2. Stackable

It is structurally designed to be easily stackable so it can be just one story or two or three stories.

3. Scalable

It can just be a single glass house unit or it can be a community of glass house units.

3. Intelligent Home Control System

The intelligent home control system is by using an industry standard Programmable Logic Controller which monitors all the sensors, interprets the reading and performs control mechanism in order to manage the house.

1. Climate Control

- Temperature sensors, humidity sensors and motion sensors are installed.
- Detachable fan control units are installed for air intake and air exhaust. These fan control units are computer controlled depending on the sensors and control logic rule base.

*** They make sure that there is a constant in-flow of cold air and constant exhaust of warm air thereby maintaining the air temperature and also fresh air inside the house.

- Cooling water curtain flowing in the roof and walls of the glass house which are also computer controlled based on sensors. It can be manually operated or through smartphone.

*** The constant water curtain flow on the glass surface aids in maintaining glass temperature because heat is reflected by the water and those absorbed will be carried by the flowing water.

*** Moving water will also generate a cooling effect which cools the heat that it absorbs.

*** Ice cubes or tubes can be introduced in the flowing water tank to create a chilled water effect on the flowing water, improving the heat absorption thus resulting in cooler glass surface.

*** This water curtain will also act as a privacy control mechanism because colored water can also be introduced.

- Ice cubes based air-conditioning system will be used to further cool the room temperature if necessary after the above discussed mitigation.

- DC powered air-conditioning is an optional accessory.

- AC powered air-conditioning is an optional accessory.

2. Lighting System

- The house by default is abundant with natural light due to its 90% glass walls and roof.
- Lights are LED and DC powered mostly embedded to minimize glare except for reading or study lamps.
- All of the lights are LED based and DC powered.

3. Power System

- Solar panels power directly the climate control mechanism during daytime and are powered by battery in the evening.

- 24VDC automotive battery is used by the system due to its universal availability, cheaper price and portability for charging.

- AC incoming from public utility is available just for the purpose of charging the battery.

- All of the appliances in the house are DC powered 24VDC or 12VDC.

- Portable quiet generator is available as an option. Mostly used to charge the battery if Public utility AC is not available.

4. Security System

- Perimeter motion sensors and CCTV are installed.
- Security flood lights, strobes and sirens are installed.
- Remote monitoring of sensors and CCTV are possible and remote activation of deterrent devices.

5. Water System

- Tap the incoming water district / deep well water supply to a 100L tank.
- The house also contains a rain water collection mechanism to a 100L tank.

6. Waste and waste water disposal System

- Human waste goes into a centralized septic tank.
- Waste water goes to the waste water drain into the centralized water treatment facility before disposal.
- Dry toilet (option)

7. Hydroponic Gardening System

- The glass house is designed to have hydroponic gardening accessories which can easily be attached to provide sustainable supply of vegetable or flowering plants for aesthetics.
- This also serves as heat buffer in addition to the existing default climate control mechanism.
- In addition this is also a privacy mechanism in addition to the existing default colored water curtain.

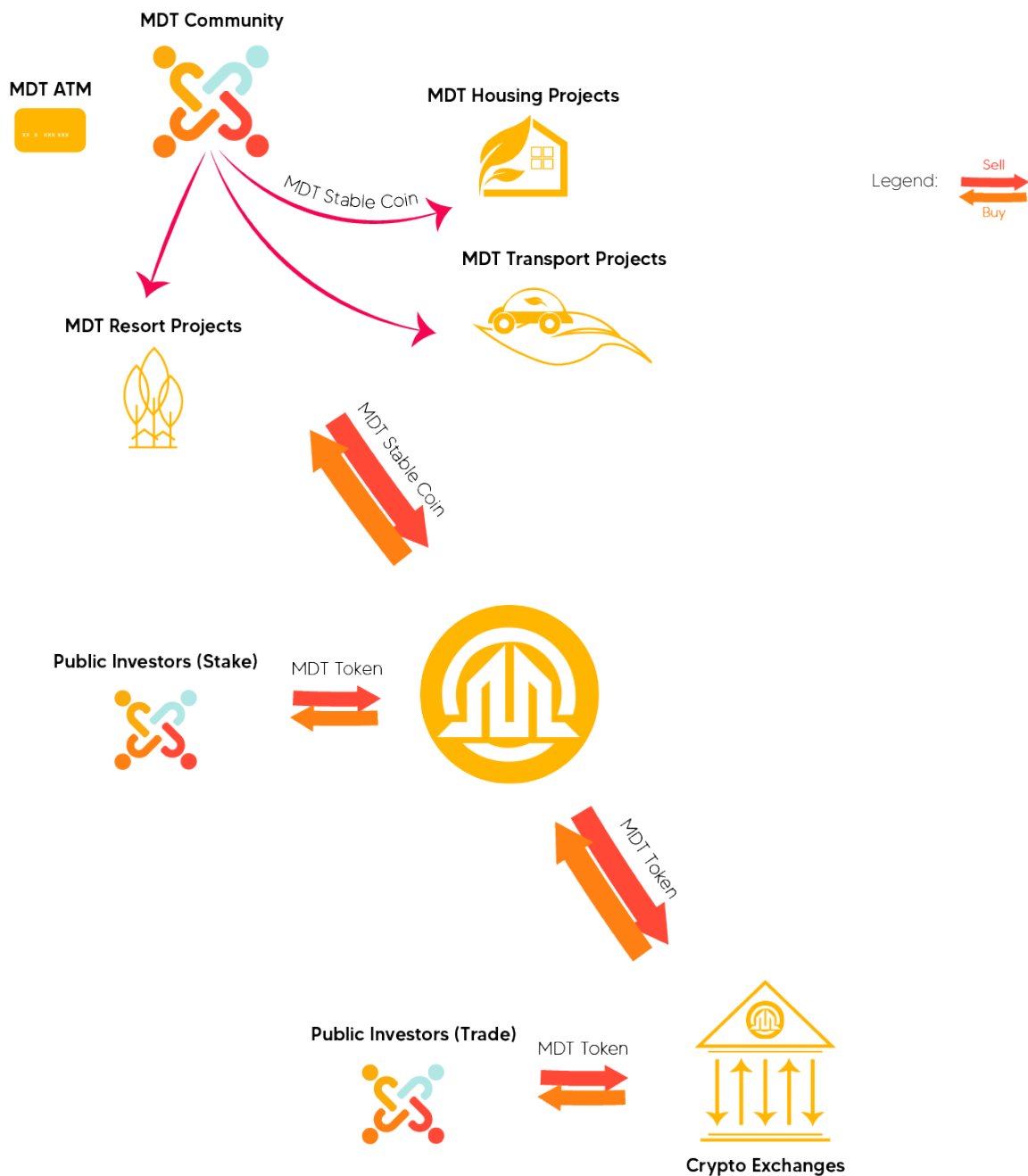
8. Home Control System

- Owner has the ability to monitor and control the sensors and controlled devices at home through mobile device by accessing their home remotely through our secured platform.
- There is an option to subscribe to our management system for hassle free maintenance and monitoring of your home system.

v.b. The MDT Utility Token

A utility token based on the industry accepted BEP-20 Binance Standard token blockchain which is developed in order to create an inclusive, decentralized, trusted and smart eco-system for project funding, reward and investments.

v.b.i. The MDT Ecosystem



v.b.ii. The MDT Platform

You can verify the Modern Development Token blockchain at this url

<https://bscscan.com/token/0xbb63d4107b2d37879ae2108f1bf975c6b5ec29a2>

The MDT Platform is on <https://moderntoken.io> this is where MDT community members create an account, with which they will be given an MDT e-wallet for their MDT tokens and MDT stable coins.

Members can also purchase MDT tokens and also perform MDT offered functionalities on the MDT Platform such as:

- Search for i2g=mfc house designs that are available in their locality
- Search for available lots from the lot listings of MDT approved lot suppliers in their respective locality.
- Purchase MDT Tokens
- Convert MDT Tokens to stable coin
- Top-up your MDT ATM card
- Enter into/ Exit from an MDT "stake" contract

v.b.iii. Trading Exchanges

These are the cryptocurrency exchanges we are aiming for MDT token to be listed after ICO, on which the investing public will be able to perform token trade.

We are in the process of getting listed to other exchanges and it will be added to the list as soon as it is ready.



v.b.iv. The MDT Marketplace

The MDT Marketplace is where the MDT vision is turned into tangible realities through its game changing projects. The medium of trade of goods and services is through MDT stable coin using the MDT ATM card.

The MDT Global Community

The MDT Global Community are a collective group of individuals who believes in the MDT vision of contributing to mitigate climate change by starting it from your very own home.

These are the individuals who will be direct beneficiaries of owning i2g = mfc home system because they want to contribute to mitigate climate change and are also left unserved by the centralized funding mechanism of owning a home.

These are also individuals who see the promise of earning investment gains in the blockchain technology application by investing in the MDT token.

Lastly these are individuals who are user of MDT token to gain rewards and discounts from our partners and affiliate vendors of goods and services.

The MDT Housing Projects

The i2g = mfc home system built and funded by MDT for the MDT Global Community who needs a home. Homes that are elegant, functional, hybrid off the grid, very low carbon foot print and green.

The MDT housing project is designed to serve the unbanked and individuals who are in the shadow economy. These are the people who will have difficulties in securing a housing loan through a traditional centralized funding mechanism due to red tapes and full of requirements which are inherent to the old centralized system.

The housing projects are built 70% funded by MDT, ZERO bank loan. Thus, making it affordable for the masses to have an elegant environmentally friendly abode.

MDT Home Financing Mechanics

MDT Membership	At least Silver member for 30 days
Equity	a. 30% of TCP in stable coins b. 25% of TCP in stable coins with qualifying referral
MDT Financed	a. 70% of TCP in stable coins b. 75% of TCP in stable coins with qualifying referral
MDT Finance Service Fee	11% per annum of balance
MDT Financing Tenure	5 years maximum
Financing Security	a. 3 months of monthly amortization at stake in stable coins b. 2 Silver member accounts as guarantor for 1 month amortization each
Bank Loan	Zero

The MDT Green Resorts Projects

These are MDT Green Resort projects or resorts providers who are MDT partners / affiliates where MDT community members will enjoy discounts, free night/s stays and earn MDT token rewards.

MDT Resort Accommodation Financing Mechanics

MDT Membership	At least Platinum member for 30 days
Equity	40% of TCP in stable coins
MDT Financed	60% of TCP in stable coins
MDT Finance Service Fee	14% per annum of balance
MDT Financing Tenure	3 years maximum
Max Units	5 units
Financing Security	a. 3 months of monthly amortization at stake in stable coins b. 2 Platinum member accounts as guarantor for 1 month of total amortization each
MDT share from accommodation revenue	15% from gross monthly revenue until it is fully paid
Bank Loan	Zero

The MDT Green Transport Projects

These are MDT transportation projects or provider who are MDT partners / affiliates where MDT community members will enjoy discounts and earn MDT token rewards.

v.b.v. The MDT Investment Opportunities

The Private Sale	
Entry Timing	July 15, 2021 - Aug 31, 2021
Exit Timing	Listing on crypto exchanges
Gain	100% bonus upon entry

ICO	
Entry Timing - ICO Phase 1	Sep 1, 2021 - Oct 15, 2021
Gain	45% bonus upon entry
Entry Timing - ICO Phase 2	Oct 16, 2021 - Nov 30, 2021
Gain	30% bonus upon entry
Entry Timing - ICO Phase 3	Dec 1, 2021 - Jan 25, 2022
Gain	15% bonus upon entry
Exit Timing	Listing on crypto exchanges

Staking	
Entry Timing	Investor-initiated
Exit Timing	a. Fixed tenure - 6 months/ 12 months b. Anytime through the exchange, once listed
Gain	a. 3% monthly interest payout of staked MDT tokens in crypto token of choice b. Market price through exchange
Buyback	Available within 30 days after staking tenure

Trading In Exchanges	
Entry Timing	Date of exchange listing onwards
Exit Timing	Date of exchange listing onwards
Gain	Dependent on market price and trade position

MDT Membership Tiers	
Silver	
Entry Timing	Investor-initiated (USD 500 worth of MDT tokens)
Exit Timing	Date of exchange listing onwards
Gain	<ul style="list-style-type: none"> - Market price of MDT tokens - 10% discount on food & beverages, and rooms at MDT Resorts, partners, and affiliates
Gold	
Entry Timing	Investor-initiated (USD 1000 worth of MDT tokens)
Exit Timing	Date of exchange listing onwards
Gain	<ul style="list-style-type: none"> - Market price of MDT tokens - 15% discount on food & beverages, and rooms at MDT Resorts, partners, and affiliates - 1-night stay in MDT resorts per year
Platinum	
Entry Timing	Investor-initiated (USD 3000 worth of MDT tokens)
Exit Timing	Date of exchange listing onwards
Gain	<ul style="list-style-type: none"> - Market price of MDT tokens - 20% discount on food & beverages, and rooms at MDT Resorts, partners, and affiliates - 2-night stay in MDT resorts per year

MDT Loyalty & Referral Reward	
One	
Entry Timing	<ul style="list-style-type: none"> - Investor-initiated (min. Silver member for 30 days) - Referral of 3 Silver members
Exit Timing	Upon house financing application
Gain	25% equity and 75% loan amount for housing project
Two	
Entry Timing	<ul style="list-style-type: none"> - Earn from your referral's MDT token purchases, of up to maximum 3 degrees. - Payouts are in crypto tokens of choice
Exit Timing	Withdraw anytime
Gain	5% of your referrals' purchases

v.b.vi. The MDT Roadmap

Q1 2021

Conceptualization
R&D of i2g=mfc home system
Modern Development Token

Q3 2021

Private Sale
ICO Phase 1
i2g = mfc prototype build
Start MDT Marketplace Platform
Software Development

Q1 2022

ICO Phase 3
Launch on exchanges
Start building global
community lot listings

Q3 2022

Expand MDT-financed i2g=mfc
homes to India, Thailand,
Vietnam, Indonesia

Q2 2021

White Paper Development
Programming & Website
Development
Creation of MDT Token in
BEP-20 blockchain
Creation of Software
Development Team
Creation of Social Media Team

Q4 2021

ICO Phase 2 & 3
Launch of MDT Marketplace
Platform
Start of i2g = mfc construction at
Casa Blanca by the Sea site
Launch of MDT Marketplace
Platform App (iOS & Android)

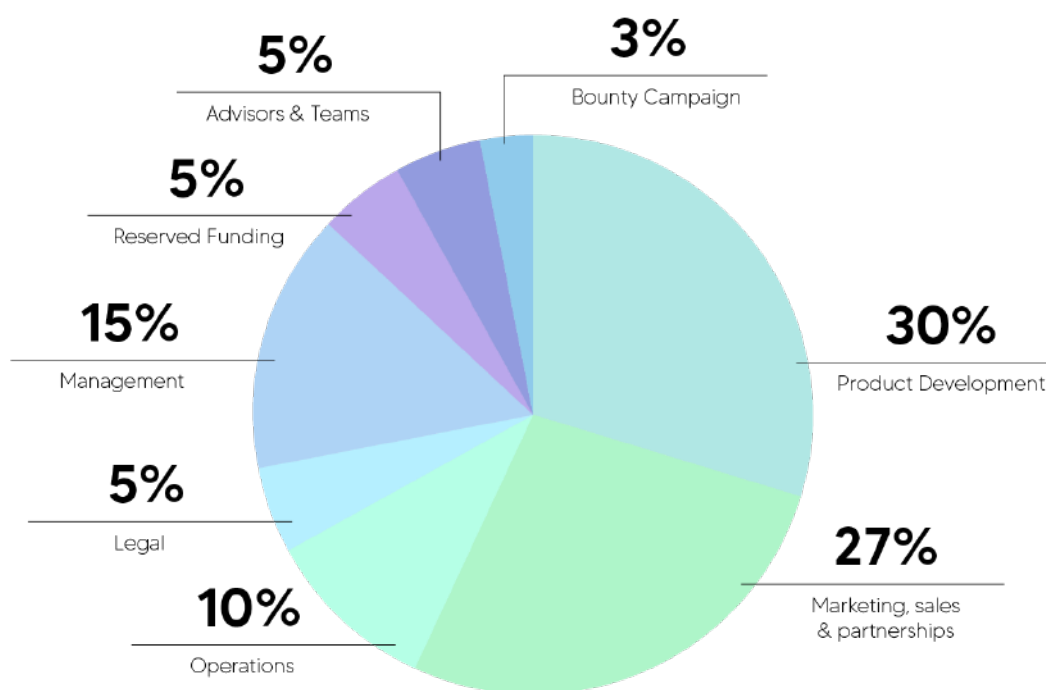
Q2 2022

Start accepting MDT financed
i2g=mfc home orders
Start building partnerships with
other resorts
Start building partnerships with
transport vendors

Q4 2022

Expand MDT-financed i2g=mfc
homes to other countries

v.b.vii. The MDT Tokenomics



Token Symbol	MDT
Token Price	1 MDT = 0.10 USD
Total Supply	10,000,000,000
Softcap	USD 50,000,000
Hardcap	USD 250,000,000

vi. Partnerships & Affiliates

MDT will forge partnerships and affiliates with goods and service providers in order to expand the token utility base in the community eco-system like:

1. Transport providers
2. Telecommunications providers
3. E-commerce platforms
4. Resorts
5. Hotels
6. Power companies
7. Water companies

These partnerships are beneficial for all parties because we will bring the MDT community into their businesses and at the same time they will be giving MDT token users discounted goods and services.

It will also strengthen the MDT utility token value because of increased circulation thereby making it a good asset for investments.

Partners and Affiliates are rewarded MDT tokens upon agreement formalization.

vii. Conclusion

The i2g=mfc glass house technology is a basic building block to helping solve the problem of affordable and sustainable housing that is environment friendly. It is "The home that cost less for more".

Less:

The following are reasons why it cost less to build:

- Lower land development cost
- Shorter build time
- Lower equipment, material and labor cost

The following are reasons why it cost less to maintain:

- Lower material depreciation
- Use of natural lighting day and night
- Use of climate control system
- Use of renewable energy

More:

- More elegant looking house
- More durable and lasting house
- More optical perception of space
- More environment friendly
- More savings due to lower monthly running costs
- More value for money of your investment by low depreciation

The MDT utility token which is based on the industry accepted BEP-20 Binance standard token block chain is a good financial technology instrument to create an inclusive, decentralized, trusted and smart eco-system for project funding, reward and investments.

viii. The Team

Simon Tsering | Co-Founder & CMO

Simon is a serial entrepreneur and investor. He manages and leads a team in providing the best marketing experience possible in different countries.

Prior to starting this new journey, Simon has successfully managed a trading portfolio of 20 million dollars in Forex Market for the last 11 years as well as in cryptocurrency trade since 2014.

With this success in trading, Simon is now engaged in a diverse range of investments including hotel and resorts, real estate, water transportation and technology startups based on Blockchain. He is also a Lieutenant Commander of the 208th Squadron Philippine Coast Guard Auxiliary (PCGA)

Jonaz Sayson | Co-Founder & CEO

A perfect combination of top notch engineering exposure in different industries and entrepreneurial acumen in an international setting, Jonaz has start-ups in the engineering, e-commerce, and real estate industries and is a very valuable asset to MDT.

Founder of 6 companies in the above-mentioned industries, and Sr. Systems Engineer in Oil & Gas, Power Generation, Water Treatment, Petrochemical, Aero medical Simulators for Singapore Air Force and Air base Fuel Terminal Loading Systems for Singapore Ministry of Defense and a Software Engineer for a finance company.

Jonaz has travelled onshore (plants and shipyards) and offshore (platforms and FPSO's) to several countries in the performance of above positions.

Joseph Eyas | Co-Founder

A self-starter committed to rise above the competition through diversity in business, Joseph has founded companies in the tourism, transport and real estate industries.

An accomplished individual with strong desire to create opportunity for a developing community through perseverance and a visionary mindset.

Joseph is the founder of the Trans-Olango shipping Corporation, co-founder and majority share holder of the Island FRP builders, and investor of Casa Blanca Resort.

Krizzia Shannen | PR, SMM Head

Krizzia is an all-rounded one-woman show. Skilled in strategy, creative direction and content creation, she has spent the past 5 years rendering services of varied marketing capacities for companies across a multitude of industries.

From music events, pageants, to theatre production, she is a force to be reckoned with when it comes to communicating vision to the masses.

Mike Gaskell | Real Estate Advisor

Mike Gaskell is the founder and CEO of MG Property Lettings with office in Fleetwood United Kingdom.

He is a self made property investor and property developer who started at a young age of 24 way back year 2011. In less than a decade Mike has grown his property holdings both residential and commercial into a substantial size.

There is no stopping Mike, at a young age of 32 owning double digits residential and commercial units in the heart of Fleetwood & Blackpool, England. He is on track to reaching triple digit property holdings by the time he reach the age of 40.

Mike has also very extensive knowledge in electronics and electrical works and adheres to exacting standards for work safety and quality of the Oil and Gas Industry.

Mike is a very good asset to MDT as his entrepreneurial experience in Real Estate will give us access to valuable advice on the industry especially in his local setting.

Jean Charles | FinTech Advisor

JC is founder and CEO of Arrow Capital, a global investment fund managing real estate projects and financial products. With several offices around the world, he always manages to balance risk/reward investment and offer excellent return to his investors.

Prior to Arrow Capital, Initially a Mathematics Master and Defense Engineer, he spent 10 years in the back office for some armies in the war field.

His global economy vision is always an asset to be at the vanguard of any international project.

Kristiania Denise | 3D & Creative Design Head

Kristiania is excellent at taking an idea and providing clients with beautiful visuals, from sketches to 3D renders. Her tenacity and talent are backed by a BFA Cinema.

Paolo Konst | Comms² Advisor

Paolo is the swiss knife of brand management and marketing. He is the preferred troubleshooter of business both in the public and private sector in over 20 industries for the past 18 years.

Paolo is a product of the Raffles Design Institute in Singapore where he graduated with top honors. Among his clientele include Globe Telecom, Lucasfilms, Suntricity, Disney, and Google.

He specializes in Photography, Brand Management, and Brand Strategy. Mr Konst currently consults for Kenneth Cobonpue, a world-renowned and multi-awarded design studio.

Oscar Lopez, Sr | Advisor

Oscar 40 years of experience on port and operations management will be an asset to MDT because one of its vision is to establish partnership with transportation companies which caters to sea and land transport.

Alexis Guinevere | Video Animator

Alexis is a video animator well-versed in the language of film and what makes video content stick. She is a BFA Cinema with tireless hours of experience working on marketing video content in several industries including Real Estate, Hotels, and Apps.

Anelito Gabisan | Advisor

A Retired Senior Officer from the Military and Coast Guard after serving for 30 years. A graduate of Master's Degree in Business Administration (MBA) and took the Maritime Safety Training and Maritime Rescue Operation in Tafe Australia.

A well rounded Naval and Coast Guard Officer designated as Deputy District Commander of Coast Guard District Central Visayas, Ship Captain of 4 different Coast Guard vessels (patrol, rescue and cargo vessels), 5 Coast Guard Stations and Chairman of Special Board of Marine Enquiry, Coast Guard District Central Visayas.

A Certified Maritime Security Trainer and Maritime Security Auditor by the Office for Transportation Security, DOTr. Currently a consultant on Maritime Safety and Security.

A recipient of numerous Military and Coast Guard Medals significantly the Brose Cross and other campaign ribbons/medals and several certificate of Appreciation.

Annabelle Jao | Community Manager

There is no stopping Mike, at a young age of 32 owning double digits residential and commercial units in the heart of Fleetwood & Blackpool, England. He is on track to reaching triple digit property holdings by the time he reach the age of 40.

Samuel Waiba | Marketing

A young entrepreneur and Medical Student who had been interested in the business world from a young age. Deals on different markets since 2016 such as in forex, cryptocurrencies, stocks, commodities, and real estate until he established his own business and is now continuously learning to make his foundation stronger and be one of the best.

ix. The Case Study

i2g=mfc application at Casa Blanca by the Sea Resort

Visit Casa Blanca by the Sea on FB

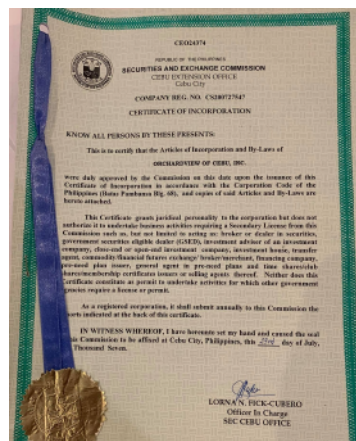
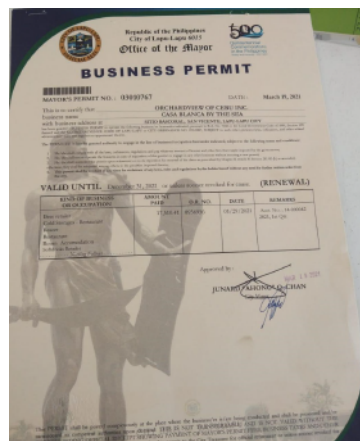
Introduction

This document describes the implementation of intelligent, integrated and green i2g=mfc home system, a minimalist, functional and scalable home design at Casa Blanca by the Sea Resort.

Casa Blanca by the Sea Resort aims to be the first resort in Cebu to be operate with a very low carbon footprint by using i2g=mfc home system for accommodation, renewable energy, green design and an intelligent control system.



You may view videos on <https://www.moderndevelopmenttoken.com/whitepaper>



Background

Casa Blanca by the Sea Resort has a lot area of 20,000 SQM with a beach front shoreline width of 120m.

It is operational with a central building which houses 6 accommodation units at the second floor and the first floor serves as the reception, lobby and multi function area. It has 4 more accommodation units which it calls “timber” accommodations. It also allows campers to set-up tents within a designated area in its premises.

It has a swimming pool in front of the main building and it also has a gazebo with a billiard table.

Casa Blanca by the Sea Resort is located in Olango Island Group is a group of Islands found in the Central Visayas region of the Philippines. It comprises Olango island and 6 satellite islets namely: Camungi, Caohagan,

Gilutongan, Nalusuan, Pangan-an, and Sulpa. The island group has a total land area of approximately 1,030 hectares (2,500 acres). It is divided under the jurisdiction of the city of Lapu-Lapu and the municipality of Cordova, Cebu. It lies 5 kilometers (3.1 mi) east of Mactan and is a major tourist destination in Cebu. It is known for its wildlife sanctuary. The entire area is the first declared Ramsar Wetland Site in the Philippines, as recognized in 1994.

This year (2021), Olango Island has a population of 80,000 residents. It is a diverse coastal ecosystem consisting of extensive coralline sandflats, mangroves, seagrass beds, and offshore coral reefs. The island's mangroves are most extensive in the Cebu province, and its offshore corals are home to scores of various marine species. The island is virtually flat, and it is surrounded by warm seas and partly sheltered from monsoons and strong trade winds.

Solution

To implement a holistic development plan that makes the use of a centralized car park for all the guest vehicles because only electric vehicles are allowed inside the premises.

To implement the use of i2g=mfc accommodation units in all its accommodation to radically reduce electricity consumption and also showcase an elegant resort design.

To implement computerized control systems that will monitor, control and manage the intelligent and integrated accommodation units

Conclusion

Casa Blanca by the Sea will be the first intelligent, integrated and green resort in Cebu that can boast a very low carbon foot without compromising guest comfort and experience.



You may view videos on <https://www.moderndevelopmentoken.com/whitepaper>

x. The Companies

MDT is owned by Orchardview Holdings Ltd., registered in Hong Kong Special Administrative Region (China) business registration number 2728111

Casa Blanca by the Sea Resort is owned by Orchardview of Cebu Inc., Philippines Security Exchange Commission reference number SEC CS200727547.

I2g=mfc home systems technology is by The Sayson Group Pte. Ltd (Singapore) business registration number UEN: 200815949G.