



'Moai Crown Royal Sovereign States World Co-Operatives' 'Moai Power House Group' 'Moai Tidal Electric' 'Moai Sovereign Bank TM'

Business Plan 2012



The Challenge

The two challenges of Climate Change and Peak Oil pose the most fundamental of threats to the sustainability of the World. The task of reducing emissions from the worlds public city and private buildings rural farming communities has never been so important, a challenge how to best bring many cultures and organizations together behind Tidal Energy Hydrogen Power.

Our task is to put this power back in the hands of the people of the Pacific Islands and the greater world to choose its future for itself, by putting energy technology and large-scale economic projects such as Tidal Energy into democratic, community ownership. The focus of our attention is to provide for self-funding Investments into 3 areas of the Share-market with the first of 2 Investments on the open market invest in Moai Gold Bullion established for the purchase of Gold in London. And other Investments in Industries like H Bank Technologies in Taiwan for Hydrogen Equipment pending Business Plans from us.

The third option is to Invest in Moai Power House Group Ltd. Co-Operatives of the World & "Moai Royal Bank" TM "Water Currency" and "Solid Hydrogen Jet Fuel" our main World Bulk Energy Money Currency Moai Trade Mark TM Brand Products

The idea of Moai World Co-operatives is based on 3 sets of shares for small medium and large Corporate Shareholding with separate Management designated for 3 separate areas of each Sovereign State Country' Citizen participating in Investments.

Class (C) shares are for small shareholders, Class (B) shares are for medium shareholders Class (A) shares for large single person shareholders. There is 1 share, 1 vote, and 1 free share of Moai-SH2 Jet Fuel per private personal owner, Corporate Company separate. "Moai Power House Group" "Moai Tidal Energy" "Moai Sovereign Bank" "Moai Gold SH2 Water Money Currency" and "Moai Turbine Platform Bridge Construction Company" are TM Private Company's belonging to the Licensed Parent Company "Na Atua E Wa Aotea Limited" based in Auckland New Zealand. Welcome to everyone who invests in Moai.

Na Atua E Wa Aotea Limited
Quba Apt 426/2 Tapora Street
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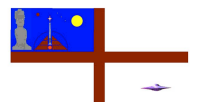
Ph +64 9 9400552 - Mob +64 27 2813963 e-mail moaienergy@gmail.com web-site <http://www.moaipowerhouse.com>
Moai Power House Group- is a Co-Operative of people joining a private treaty company as businesses and shareholders around the World.



Moai Power House Group Co Operatives London U.K & New Zealand 'T.M'

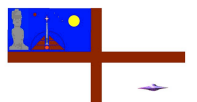
Moai Tidal Energy Water Board

Moai SH2 Water Gold Currency © Patent Rights Reserved Auckland NZ 2012



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1. Executive summary

“Moai Tidal Electric” and “Moai Power House Group” Co-operative Energy Company’s are a global membership-own social and economic enterprise scale models which aims to support the creation of resilient, robust and organized communities to respond equitably to current and future energy challenges. “Moai” Brand name Company provides for profitable investment in the Worlds Hydrogen Economy energy infrastructure and modern day Hydrogen powered Cities vehicles and International Passenger Airlines, Shipping, heavy lift transport, smaller remote Hydrogen Fuel and remote Electric Fuel Cell Power Stations

Moai will deposit all the funds into the 3 areas of Investment named in the initial first phase of the business of share offers:

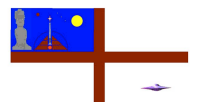
- 1 Moai Bullion Gold Investment predicts a 150% appreciation by 2020 on it’s Global Member Gold Deposit Funds invested.
- 2 A Moai Mobile Phone World Bank facility for Individual Members Private Company’s & Hydrogen Electric Energy ventures
- 3 Moai Crown Royal Sovereign Bank to be the first to use SH₂ Solid Hydrogen, Water and Gold as our Moai Money Currency

Features of Moai Products and Services appear throughout this Business Plan enhancing new Technologies and Efficiencies.

Main focus of attention is to raise £100 Billion to £250 Billion from 1,000,000,000 Shares out of 999,999,999,999 shares over a 4-month period from start to close for that milestone with a right to extend these extensive shares in increments until sold The purpose of the Funding is to provide the Finance to build a first Moai Tidal Turbine Energy Platform Construction Bridge 20 to 100km off the East Cape of North Island New Zealand, costing £20 Billion Pounds Sterling for the entire project in the Kermadec Trench towards Tonga. The Construction includes a Hydrogen Powered Mini City Land Complex at Lottin Point an Aircraft landing facility there, on the Platform Bridge, on the Waterfront in Auckland City and on the North shore Silverdale. It also includes Hydrogen Powered Heavy lift Helicopters Submarines and Solid Hydrogen Power Stations on the main lands with provisions for high speed travelling British LAPCAT 300 Passenger Airlines. Planned by the ‘European Union Commission Reaction Engines’ and our first Bulk Supply Hydrogen Jet Fuel Company. Moai Tidal Electric Sea Turbines can provide for this. Moai envisages Bottled Solid Hydrogen flown off any Platform to any Big Cities and Industries anywhere in any Countries where there can be one of these Platforms sitting out of harms way in the roughest of seas outside of major shipping lanes.

Moai is a Crown Sovereign State Government of its self own Determination under this ‘Moai Crown’ Royal Flag Jurisdiction-secured Power Generation Energy scheme to provide on-going and low-risk revenue stream from the installations provided to our own Country and its world wide membership. Means any person in the world who joins ‘Moai Crown’ State Sovereign Co Operative Project as a Member does so for life as adopted into our Moai Crown State System. He receives free rights as Sovereign here under Moai Crown State and use of the Confederation Flag for Free Passage through the World as a lifetime member. A Class Share minimum fee to join in Moai Co Op is £10 Registration with full membership of £60 split % into three Investments 1/ (ANZ Foreign Currency Bank 2/ Barclay’s Bank London 3/ Moai Solid Hydrogen-Water-Gold Investment Bank.

‘Moai Crown’ Seize on your Birth Certificate Bond off any Government you’re not happy with transfer into Moai Crown State as a free Moai State Sovereign Member minimizing risk, maximize your true value for money to live in your Country or in N.Z Moai Energy Co-Operative will raise the required capital investment through a community share offer marketed throughout the whole World. Targeting both individuals who would be able to afford significant investments and those of less wealthy sectors of society. Moai will create a democratic and accountable local organization with strong membership from all rural coastal communities of Countries that don’t have any Banks. Moai system of Deposit Payments can be made using Mobile Phone Text Payments such as M-Wallet, Tagpay, Cyber M, Paybox, M Check, and O2 Wallet as our preferred Mobile option. Moai Crown State Sovereign Bank is projecting a ‘6% annual interest on Moai Gold profit over 4 months of shares released’ Moai Tidal Energy Co operative forecasts gross returns of 150% according to Bullion Vault projections on its Gold generating £150 Billion in net profits over 8year predicted if 1 Billion shareholders bought £100 in shares each over the matured 8 years period 25 July 2012 to 25 November 2020. The scheme lays ground works for significant future investment opportunities in each participating Country Member States renewable energy sector should their Government purchase one of these Platforms.



2. Introduction

Background

The Power Generation Charge scheme of 'Moai Crown' Sovereign State Government NZ programs is intended to create new concept incentives for renewable energy technologies. Whilst Power Generation Charges are seen as collective worldwide to pass financial resources to the poorest from the richest presents some opportunities, of which at least in part mitigates this.

1 The Power Charges provides opportunities for community-scale action to enable more people to benefit from the Share Power incentive to all become permanent Power Investors. With the installation of Tidal Energy Turbines and Hydrogen for example, both products are suitable for producing power without Gold input or additional capital, once its in operation and making a profit sooner. Those who have capital to contribute but without the time to monitor their share performance, will benefit from community tidal energy fuel cell and hydrogen power projects with social objects and a degree of close shared ownership in mind. Is the best decision they would make for the future of their independence and freedom from the normal Government State funding! Community buildings, domestic housing and social housing benefits from this Co-operative plan.

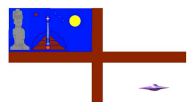
2 The income from the Power in Charges would provide opportunities for a program of reinvestment and expansion of more renewable energy production. And for in other economic and socially useful outcomes, for example: energy efficiency water produced from air, recyclable water and self power generation with insulation measures eliminates the need for local region supply, you have it all now without paying them for it. Resulting in increased savings and investments in communities with traditionally poor levels of savings or shielding the poorest from energy price fluctuations of power or faulty power supplier.

Moai Energy Co-operative was established by Moai expertise in Auckland New Zealand, from a 12 year project supported by written Testimonies from the Managers of the National Energy Network Company's. Main grid line Power Company called "Transpower" with second biggest electricity company "Contact Energy" for East Cape Region Power Project and for Kaipara Harbor Tidal Energy Project "Vector limited" Power Supplier. Their wishes are to purchase our Hydrogen Power Generation. When it becomes available as soon as we get the funding from Investors or sale of our Moai Shares? We felt organizations as this is designed for building community-owned energy infrastructure would achieve a number of desirable environmental and social outcomes whilst itself being sustainable and successful. Hence were able to mobilize shares to make higher return

A formal working group was established to investigate the energy potential for this Co-operative communities-based project to utilize the Power Generation Charges to base our outcomes and Revenues on is staggeringly high and achievable. Over the following months others joined in Moai discussion group, for this first year has seen concentrated activity to bring the project to launch 3 years overdue. The Co-operative received start-up funding of NZD\$25,000 owners capital introduced to start this project and depositing funds into Moai Bullion to purchase Gold. We now have the greater Community to form this Energy Catalyst Deposit Fund from Moai Tidal Energy shares channeled through International National Bank in Auckland NZ. The first meeting with Foreign Currency National Bank in Auckland New Zealand is extremely useful, as we have covered preparatory work including planning setting up a new Moai Business Bank International Corporate Account application form. Preparation of this Business Plan, marketing materials, publicity, administrative material and legal Co-Operative Certificates.

We are grateful for advice, time and support from a variety of organizations and individuals across Auckland. In particular we would like to thank Kevin Ries Owner Director of "Go Gas Limited" a Machine Tooling and Engineering Company Shop in Silverdale North Shore Auckland. (First HHO Gas Development Agency to join Moai Power House Group Co-operative) Moai likes to thank my family, and others who have helped me along the way. Special thanks to Kevin Ries Entrepreneur and astute Danish man who brings his experience into the gas industry with his precision engineering, sculpturing his own metal components of his water engine fuel cell technology and inventions designed in his fully equipped engineering tool workshop.

I designed the Moai Platform Bridge Construction Engineering site plans and new technologies implementation engineering Maori Confederation Government Legislative Acts Ordinances Legal requirements. We require the expertise of new Private or Corporate Investors who will be invited to participate oversee the management of this energy company in all County States.



The vision

Moai Energy Co-operative's wish to make a practical contribution to a sustainable energy future for New Zealand and other Countries of the world joining in it's popularity who believe our products it's concept that reaches people who needs it most

We will commit ourselves to each others needs collectively to:

- 1 Act as a 'people's power station', producing a power surplus to re-invest in New Zealand, Pacific Islands and world's needs
- 2 Provide a mechanism to attract investment from the worlds communities, private and public partners to increase rural and locally owned and managed production of renewable energy for social and economic development self sufficiency, freedom.
- 3 Invest in energy- saving and efficiency measures across the city's, out back country, rural farming and agriculture fisheries forestry energy deriving communities who needs this surplus clean environmentally friendly energy to 'build new industries'

Projects of global share involvement acts as key catalyst 'hubs' in our local neighborhoods, through investing in these tidal energy communities. Where the Co-operatives will mobilize community networks, raising community capital, through these shares but more importantly giving communities a say in what a sustainable city or country and seaside looks like worldwide

Our plan is to offer community shares via a share offer through Mobile Phones to local residents and others supportive of our aims to be members shareholders. Shareholders will fund a first phase of development, based on Moai Tidal Energy Plan

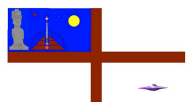
One Moai Tidal Platform is installed in the roughest non shipping offshore sea highways off coastlines of any country wishing to take advantage of this tidal energy project with community's in mind, taking advantage of the of hydrogen power income generation. After that, the Co-operatives have the potential to expand into areas such as industrial and transport industry involving land electric and fuel cell vehicle travel, air travel, sea going vessels, sub-sea marine environment, fisheries. Moai push Energy efficiency measures renewable heat projects into homes using our surplus energy at best prices never achieved.

The Co-operative will build on strong first impressions to create affordable secure fixed true community-based organizations

- 1 is owned, funded, controlled by community co-op shares issued throughout the entire world to achieve 1 billion members
- 2 is marketed and supported through its community partners in different parts of any city in the world and surrounding area
- 3 Supports environmental sustainable life of community assets through the installation of these Moai Tidal Energy Platforms
- 4 Develops long-term, sustainable revenues for investments into New Zealand & Pacific Island are for 60 of these Platforms.
- 5 Creates economic growth and energy security by reducing New Zealand's reliance on external price bidding power supply.
- 6 Contributes to reducing carbon emissions in New Zealand and Pacific Islands, and participating country's who join through members of those states welcoming increased energy as security through reducing it's dependence on fossil energy sources.

The project will prioritize financial viability, in order to be able to grow into a significant force for the development of energy profitability, and will work towards reducing inequality as a core part of its business strategies. Given the amount of shares that any individual can afford then his portion shall be easy to ascertain from the outset understandable and absolute clear intentions to commit to this long term enterprise where Co operatives work best has a proven benefits for those who invest.

Moai invites you to be part of the solution to create a better future and environment for our children's children all walks of life



3. Governance and legal structure

Aims and Objectives

“Action is necessary now, before climate change moves beyond man’s control.”

Our aims are:

- 1 to enable meaningful cuts in carbon emissions, to reduce dependence on unsustainable sources of energy waste material.
- 2 to fund and implement renewable energy efficiency measures, in collaboration with people, communities and businesses.
- 3 to work cooperatively with people and communities to make carbon reduction technologies available to all regardless of financial resources, support mutual action to challenge man-made climate change chem-trails HAARP frequency desecration
- 4 to provide a healthy financial return on investment, demonstrating long-term financial freedom, rapid project expansions.

We plan to support faster conversion to low-carbon living by:

- 1 Securing investment from investors looking for stronger social outcomes alongside greater financial returns and stability’s
- 2 Investing in renewable Tidal Energy infrastructure, as a Moai Sovereign state wholly owned pay-as-you-profit share system
- 3 Reinvesting profits in further infrastructure and industries like solid hydrogen economies of scale goes further than before.

Legal status

“Moai Tidal Energy” and “Moai Tidal Electric” are Private Company’s trading under the Corporate s name of it’s legal parent company “Na Atua e wa Aotea Limited” New Zealand”. “Moai Power House Group Ltd.” is a 1 Billion Share Public Company TM registered in England as a large Community Energy Co-operative for the Benefit of the Society under the Industrial and Provident Societies Act 1965 (I&P Act 1965), with a new Society number to be issued. However shares come from Na Atua E Wa Aotea Limited Parent Company registered in the New Zealand Company’s Office as 999,999,999,999 shares. Moai Crown Royal Sovereign State released 1,000,000,000 shares of parent company to ‘Moai Power House Group Ltd.’ Public Company.

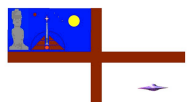
The terms ‘The Co-operative’ and ‘The Society’ are used interchangeably in this document, to mean the Community Benefit Society trading as ‘Moai Power House Group Ltd. Sovereign Energy Co-Operative base Office to be established in London UK.

For the rules of the Society see appendix A.

Why this structure?

Co-operative business solutions are both a way of doing business and a set of social values. As a community benefit society, Moai Energy Co-operative will operate in accordance with the seven Co-operatives Principles as agreed by the International Co-operative Alliance meaning the membership is contributing funds from several country nation states currencies and laws:

- 1 Voluntary Open World Membership
- 2 Member Economic Participation
- 3 Democratic Member Control
- 4 Autonomy and Independence
- 5 Education, Training and Information
- 6 Co-operation among world Co-operatives
- 7 Concern for NGO world member Communities



We will be a profitable multi state trading nations entity balancing our trading activities with a Co operative ethos and truth believers in our own faith and wisdom of our executive councils, carries concern for highest environmental, social standards.

We see many benefits in using co-operative structures and committing to community-ownership of their fair share in profits

1 Community Engagement –Research by World Community Organization has found that Assets such as the new investors in community share schemes are more excited by the feeling of ownership than the monetary returns that show they will earn.

2 Locally based – The Society will retain profits to re-invest in expanding its services for the benefit of the local area and the local economy. We fully expect the majority of shareholders will come from any local area of any country so investments will also remain in any local area for its local economy in each Tidal Energy Platform Bridge built near their city or rural township.

3 Sustainable development – Research in Europe demonstrates that co-operatives are generally more than environmentally conscious over other businesses, even though core business is not an environmental service or concern to saving the Planet.

4 One Member is One Vote – The poorest are not excluded from lack of capital in Moai energy security/low carbon lifestyle. The pooling of resources in a central investment pot allows investment by independent criteria (e.g. CO₂/£) as added benefit to what we have already have with Gold-Water-SH₂- shares rather than by demands for capital. Ownership by stakeholders on a one-stakeholder-one-vote basis will facilitate wide public ownership and encourages investments regardless of wealth.

Founder member

John Hoani Kahaki Wanoa Director Moai Tidal Turbine Design Engineer and Customary Legal Law Advocate Moai Historian of 426/2 Tapora Street Auckland 1010 New Zealand Aged 63 adult children 4 is in a relationship-wife Linda an African American

Management of Na Atua e Wa Aotea Limited New Zealand

John Wanoa CEO NZ Founder Director of Moai Power House Group Ltd. London, Na Atua E Wa Aotea Ltd. Public Company's

The Co-operative has been founded by me John Hoani Kahaki Wanoa individual from my range of professional backgrounds put time and energy into developing it voluntarily, and believe in the power of Moai Sovereigns of the World community to create alternative business solutions. This effects real change for every country that partakes in this global deal arrangement

Business Associates are nominated in the interim until a full global executive is appointed as administrators of this business: John Wanoa Sole Director of Moai Power House Group Ltd. Management is financially setting up to attract Private Investors

Management of "Moai Power House Group" Co-operatives London UK

John Wanoa 63 CEO Founding Director of Moai Power House Group Ltd. Moai Power House Ltd. & Na Atua E Wa Aotea Ltd.

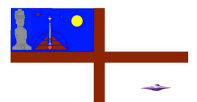
Kevin Ries General Manager Age: 55 married with 3 adult children Address: Cedar Terrace Rd Whangaparaoa, New Zealand

Sally Giller Administration - Accounting Age: 36 Married, 2 adult children Address: Vipond Rd Stanmore Bay, Whangaparaoa

Ashley Wanoa Company s Secretary, Business Administration Accounting Junior 426/2 Tapora Street Auckland New Zealand

Russell Ries Project Manager (brother Age: 50 Married, 2 adult children Address: 28 Tukapa St New Plymouth, New Zealand

Nick Vitasovich Sales Manager Aged: 59 Married, 2 adult children Address: Vipond Rd. Stanmore Bay, Whangaparaoa, in NZ



Membership

MOAI launches 1,000,000,000 (A)-(B)-(C) Class shares offer. To provide the opportunity for any person, corporate body chief executive officer single person or nominee person of any unincorporated organization that supports the objects of the Moai Society. And who has paid or agreed to pay the minimum shareholding of £10 registration and £100 full membership of the Society (C) Class shares. And who has paid or agreed to pay the minimum shareholding of £10 minimum registration and £1,000 full membership of the Society (B) Class shares. And who has paid or agreed to pay the minimum shareholding of £10 minimum registration and £10,000 full membership of the Society (A) Class shares. Moai Energy Power Board may refuse any application for membership at its absolute discretion, has 3 management structures for A-B-C Shares which are variable.

The Society will operate in line with the Co-operative principle of 1-member-1-share-1-vote, regardless of how many shares or capital a member holds, in contrast to companies, which operate to the principle of, one-share-one-vote. Members of the Society have the collective right to appoint and dismiss management, accept or reject manager's recommendations and to determine the affairs and rules of the Society. The original founding director remains as 'Moai Crown Royal' Representatives Sovereign Authority from the original founding of the Parent Company Na Atua E Wa Aotea Limited 'Moai Government State Crown Company over the Membership of any country after they have joined as Sovereigns. Moai seizes on their DNA Blood Birth Certificate and Social Security Bond Legal instruments as true personal Identification financial Security of their personal Investment Interests that Moai Crown Sovereign values at a minimum £1 Million share values worth of unpaid credit in their

'Moai Sovereign Bank' Deposit Account. It is up to members to make arrangements to approach their Governments Agent to get their Birth Certificate Social Security Bonds Security Interests Legal Financial instruments back into their personal private ownership deposit. From the Crown Corporation and then put it into "Moai Crown Sovereign State Royal Custodial Deposits" Ownership in their own personal name and not a corporate Capital Letters name and surname Title at the same time as you purchase your Moai Tidal Energy Shares. This is not a compulsory requirement to purchase shares. It is an Inherited Property Right that you have not had the control over until now. Under Superior Land Titles of 'Moai Crown Royal Sovereign States' Government of our own countries Communities across the World subject to our 'New World Sovereigns Crown State Orders'

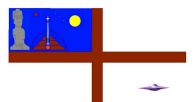
A Moai Crown Sovereign State Asset Lock, guarantees assets of the Society are permanently dedicated to aim objectives of the Society to protect the assets of the Society. This prevents disposal of the assets for the sole purpose of providing private gain to single shareholders or Directors. A Community Benefit Society has the same asset lock as any charity or Community Interest Company, means all revenues from Shares goes primarily to the Energy Project Development for any Implement appliance vehicle plant or power company that uses the energy. Gets targeted funding as first priority of funding projects expanding rapidly through the world. "Moai Pacific Ring of Fire Boundary areas of our Ancestral Inheritance Titles" Claims extends to other Countries and States Sovereign members who have the support of a 1 billion membership to back up their claims on their own lands. The installation of the Moai Tidal Energy Bridge Platforms and revenues from any Moai project development is for all country members. When 1 Billion Members joins New Zealand Project the same 1 Billion members are Sovereigns of your Countries Platform Bridge wherever that is built it becomes the same Sovereign State Land Title same as 'Crown' 'Vatican City' 'City of London', 'Washington DC' Private Companies. 'Moai Crown' is a Private Company same system Members have Limited Liability as an incorporated entity, limited to the amount of their individual shareholding. A member with (A) Class Shares will sit in on "Moai Co Operative Executives Board" meeting has more say than members of '(C) Shares'

Staffing

Moai Power House Group Co-operatives expect to employ full time world membership staff once we join into Moai Power House Group share investment systems, day-to-day operations and administration relating to both the membership and the Moai Power Board. The Board plays an active role in the management and the strategic developments of the Co-operatives.

Premises

Moai Tidal Electric Co-operative currently has its office provided by Na Atua E Wa Aotea Limited in Auckland New Zealand



4. Products and services

Installation of Moai Tidal Electric Bridge Construction and Lottin Point Property for Company's HQ Base

Moai Energy Co-operative's first goal is the purchase some Lottin Point Properties for NZD \$1.2 Million Dollars debts charged against the New Zealand Crown Corporation for land property theft debts owed due to Moai Crown Sovereign State Creditor Assignee. Investment funds are required for the installation of a 5,000MW Moai Tidal Energy Platform Construction Bridge 20 to 100km + off the dry land coast from here that will produce Solid Hydrogen Jet Fuel from Tidal Power. The funding is for the Moai Company's Land Base at Lottin Point. Moai shares released after 28 November 2012. Investment Fund-To purchase Office and Accommodation buildings in Auckland City area: Lottin Point Property's and surrounding lands, Buildings Housing and H Bank Hydrogen Equipment required for Lottin Point-Auckland Waterfront Base. Includes funds for vehicles, Sea borne submarines and equipment, Helicopters and fixed wing Aircraft, working boat's ships, and vehicles. The new systems will be owned and maintained by the Sovereigns Co-operative for a 25 year period on 'Moai Crown' Royal Sovereign Estate Lease lands, seabed. In which time local community families benefit as a membership from free/highly subsidized green electricity at the land point of generation whilst signing over the local Power Generation Tariff Charges and Liens to Moai Co-operative

Company Chief Executive Officer of the Moai Government. 'Moai Crown State' -secured feed in Tariff scheme will provide an ongoing revenue stream from Moai Platform installations. Tied to inflation guaranteed for 25 years with two main parts to the Power Generation Feed in Tariff for 2 projects: Moai Tidal Electric SH2 Power Project 1/East Cape and 2/Kaipara Harbor.

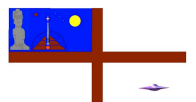
1 Moai generation tariff - this pays a set rate for each unit (in MWh) of electricity generated by Moai Fuel Cell and Solid Hydrogen, regardless who uses its power from remote monitored GPS Smart Metered portable Gas Electric Power Stations.

2 The export tariff charge - system once up and running, uses it's solid hydrogen jet fuel converted back to electricity to heat homes and provide stored energy in canisters delivery minus the cables and power poles littering the skylines. All Power is produced on the Moai Tidal Electric Bridge to super heat the seawater into steam then compresses it into Hydrogen gas first then compress it further into sold metal hydrogen stored on the platform bridges and then exported to National Grid Power Stations. Shifted by heavy lift 20-Ton Payload MI 26 Russian helicopters. Each bottle is prepaid before export off the bridges. This determines export tariff charge Moai base our revenue on stored Solid Hydrogen est. @ £100 million turnovers per day.

Once the system is registered, power levels are guaranteed for the period of the tariff (25 years for Solid Hydrogen SH2) and are index-linked as our National Direct Wholesale Price Index. Feed in Tariffs scheme is in constant reviews. The tariff rates are reduced as production saturates the market to be reduced at the end of a 5-year operation period from November 2012. The chosen Moai Tidal Electric Platform Bridge Power Company and its Coastal Sites are financially economically selected to:

- 1 Ensures successful project delivery, planning financial budget's tendering minimizing risk & maximizing values for moneys
- 2 Attract a wide range of tender's to Nation States stakeholders & potential contractor, investors in community share offers.
- 3 Engage those who would be able to afford significant single person investments as those less wealthy sectors of societies.

Our financial modeling shows that these investments leave the Co-operatives with capital to re-invest in further phases of development to expand the services of the Co-operatives original objectives. These include for provision of HHO, LH2 and SH2 Hydrogen and Fuel Cell installations to domestic buildings, generation of electricity from other renewable sources, such as fresh water and seawater powered gas electric engine generators. Taking advantage of the Renewable Energy Incentives, making use of Green Energy Clean Hydrogen, Fuel Cell Converters, Water Energy to support energy efficiency cost measures. Models include capital in its investments for MOAI 5MW-MTHD-DC Magnetic Superconductor Gas Electric portable Battery Motor Generators and its Applications in Space Industry-Undersea World-Clean Water-Land Transport & Aviation Industries. 'Moai Crown' State Law allows Private Foreign Investors to hold unique State to State Contract Agreements to fund Projects



Community Land and buildings – Land Leases: Commercial Building Leases: Power Sub Stations Leases

This first phase of development is delivered in partnerships with two rural communities in New Zealand. Local organizations for Kaipara Harbor and East Cape District involve working with Moai Co-operatives to develop technical specifications of the Tidal Energy Plan systems. Our customer Contract agreement utilizes principles laid out in the Feed in Tariff scheme, namely:

- 1 Under the scheme the tariff income (which is guaranteed for 25 years by the Moai State) is Assign-able to all third parties
- 2 Moai Tidal Electric Turbine Bridge Platform installations are subject to standard property ownership rights of 'Moai Crown'
- 3 Building tenant/owners of 'Moai Crown' Royal State Sovereigns 30Kw to 100Mw Portable-SH2 Gas Electric-Fuel Cells HEV High Energy Vacuum Power Generating systems needs full time monitoring for systems installed. These principles allow the Co-operatives to be party to a contract with both building tenant-building-landowner-owners to sign Land Air and or Sea Space leases. Will be registered in the Moai State Government Land Registry on the Platform Bridge and on the Main Dry Land Country State Control Government Local Authority to record a 25-year tenure of Moai Power Generation systems. In the event of a sale of the property, the system can't be removed without Moai Energy Co-operatives CEO Director building owner/tenant Managers sign off consent. Before or after the 25-year term of Lease agreements expire. Moai signs a new Land Lease, Sea bed or Land Purchase Agreement to sell power generated by Moai Power assigns tariffs to the Co-operatives

Coastal Survey and site approval agreement from any local or Foreign Country State and it's Sovereigns

All the proposed coastal sea land and building sites with whom we are in advanced discussions with receive a site visit and corresponding quote for Moai Bridge Platform installations and construction from our Moai Engineers and work recruitment staff. Following this, we commission a detailed structural survey, also from a local or Foreign Engineering firm. Based on site-specific data. The surveyor completes a survey of the Land, seabed's location for Moai Tidal Platform Bridge Plans including:

- 1 The suitability of the land and it's height above sea-level for Homes Buildings Portable Gas Electric Power Plant Sub Station
- 2 The' suitability of the area of land for a Licensed Helicopter-pad and fixed wing-landing airfield, submarine and ships wharf
- 3 Whether' property land and its certificates of titles are transferable as freehold or leasehold to member NGO governments

Planning and building control

Once the technical specification process is complete, then this follows working out all the required drawings and details for a planning application if required system design, for technical director sign-off. This is provided by pro-bono (public good) of a number of professional qualified architects, architectural technicians, power generation analysts' & site surveyors, engineers

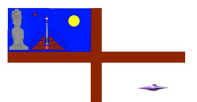
Installation of Moai SH2-HB Fuel Cell' Moai 5MW-MTHD-SC Engine Generator & LH2 Turbine Generator

The contract to deliver the identified systems is awarded to Moai approved Bridge Platform Designers installers accredited to Mega-power generation Certification Scheme (MCS). An Engineer prepares, installation proposals for Energy site includes:

- 1 Moai 30Kw Portable Plants for Homes, 1Mw for farms, factories, 10Mw for wireless GSM village substations 100MW Cities
- 2 A Moai Fuel Cell or Jet Turbine Engine converts Solid Hydrogen to D.C current linked to the local AC Line and National Grid.
- 3 GPS Smart Meter regulates monitoring equipment used remotely records how much electricity is generated or consumed.

Receiving Feed in Tariff income

Moai Tidal Electric installer arranges the entry of the system into the Moai Tidal Energy Power Company MTEPC database providing the Feed in Tariff payments to the Moai Power House Group Co-operative Monthly kWh or Megawatts usage basis



5. Market Analysis

Evidence of need & demand

Moai constantly advertises Moai Tidal Turbine Project on facebook. To understand and fully evaluate the market, we have:

1 Undertaken a desk-based study of available policy and strategy from the key national, regional and local bodies, including, Forums for the Future and Consultation with North Auckland District Council as far as the Moai Tidal Energy Project for the Kaipara Harbor. Having submitted plans for a Tidal Turbine Project with Martin Burger Founder a Director of Blue Energy Canada for his Turbine Bridge Plan entry into the New Zealand Sustainable Fund for Tidal Energy Projects was successful as one of 11 projects to go forward for this Energy Fund. Blue Energy Canada took over from there but never progressed any further. I then designed Moai Tidal Turbine Bridge Construction in 2005 and continued for the 7 years research planning till now. Gathered together all the information for the finance and investment plan for this project. I have Testimonies from Contact Energy, Transpower and Vector Power Company's interests in our Bridge Concept wish to be involved with us now. We have also consulted with local communities on the East Coast of the North Island for East Cape Tidal Energy Project Plan.

2 Undertaken a macro-scale analysis of energy demand and supply, developed an estimation of a scale size of target market

3 Conducted' an examination of other tidal energy players in the market, including installers/ suppliers; other Governments Energy Project funds/ community based enterprises seeking this power; energy projects now pending services in these areas

4 Actively researched and evidenced a demand for the services offered by our Co-operative Company to these Communities.

Current policy context

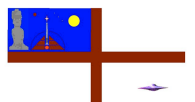
The twin challenges of Climate Change and Peak Oil pose a most fundamental threat to the sustainability of New Zealand. We emit small measures of Carbon Dioxide annually. Our economy, infrastructure is built on cheap oil predominantly Hydro Dams the EU expect cleaned of pollution. New Zealand State is selling these Power Company's off. The task of reducing emissions from public and private buildings, farms, factories, vehicles aircraft has never been so important, now challenging.

Nationally, Moai Tidal Energy New Zealand Carbon Plans for 2012 commits this country to at least 80% reduction of carbon dioxide emissions (1990 levels) by 2020, through a number of measures including a secure mix of the lowest carbon as tidal renewable energy. The plan predicts that around 30% of our electricity production must come from new renewable sources by 2020 (from 10% today); and forecasts investment in UK's energy generation infrastructure of around £110 billion. Feed in Tariffs of one kind or another is a central aspect of the targets in New Zealand at least from this factor set against the world.

Auckland City Council has also set clear local targets for carbon reductions, retrofitting, energy efficiency, and locally energy production, and welcomes the finding of the Peak Oil report commissioned & Moai Capital World Tidal Co operative Group. Moai Power Board Council has developed plans for large-scale investments in local energy infrastructure with support from any available funding streams apart from our own shareholding efforts, resulted in establishment of a Moai Power Company

Moai emerging community energy sector, including Moai Center for Sustainable Energy, Moai Green Energy, Moai Energy Co-operative, Moai Energy Network, Moai Fuel Cell Group, Moai Power Co-op, and local sustainability groups across the city, will be integral to the development of Moai Council's plans. Committed to a partnership approach and a diverse make-up of the energy sector in New Zealand and the World Council's plans offer opportunities in procurement, borrowing investments.

http://www.decc.gov.uk/en/content/cms/tackling/carbon_plan/carbon_plan.aspx http://www.emec.org.uk/tidal_devices.asp
Moai is currently attracting Foreign Investors to fund the initial stages of the Business Infrastructure. Through Finance Companies using Bank Instruments to Borrow large amounts of Investors money to set up the Company in New Zealand Hong Kong & London. The 1Billion Share Company is separated from Direct Private or Corporate Investor Funds to build the Management Plan Structure.



Market context

New Zealand produced 43137 GWh of energy in year 2011. http://en.wikipedia.org/wiki/Electricity_sector_in_New_Zealand

The electricity sector in New Zealand: uses mainly renewable energy sources such as hydropower, geothermal power; solar energy and increasingly wind energy. 70% share of renewable energy sources makes New Zealand one of the lowest carbon dioxide emitting countries in the world in terms of electricity generation. Electricity demand is growing an average of 2.1% per year since 1974 and 0.9% from 2005 to 2010. Despite being slightly above global average in a list of countries by energy intensity, New Zealand has been called one of the least energy efficient countries in the OECD comparing economic output against electricity consumption. We feel that this is restrictive given the power of the tide is the least thought of mass power

The installed generating capacity of New Zealand (All sources) as of December 2010 was 9,667 megawatts (MW), composed of 54.3% hydroelectricity, 23.2% natural gas, 7.6% geothermal, 6.4% coal, 5.6% wind, 1.6% oil, and 1.3% other main sources bio-gas, waste heat and wood. A total of 43,137 GWh was generated in New Zealand over 2011, a slight decrease from 2010 where 43,401 GWh was generated, with the decrease largely attributed to the 2011 Christchurch earthquake. The electricity generated in 2011 was 57.6% hydroelectricity, 18.4% natural gas, 13.4% geothermal, 4.7% coal, 4.5% wind, <0.1% oil, and 1.5% other sources. Moai Tidal Electric will release 1 Billion shares on or about 28 November 2012 to raise the capital needed to fund the 25,000MW Moai Tidal Energy Turbine Seabed Construction Project. Through the investment of private investors and each permanent Co Operative Member to invest in 'Moai Tidal Energy Trading Shares' 'Moai Sovereign Bank' 'Moai Gold Bullion and SH2 Solid Hydrogen Jet Fuel Power-Water Money Currency' which is our main Products and Services.

Fossil fuels, specifically coal, oil and gas, produced 11,140 GWh of electricity in 2010 - 26% of all electricity generated. This was split into 9205 GWh by gas, 1933 GWh by coal, and 2 GWh by oil. Total combined installed capacity in 2010 was 2552 MW. The North Island generates nearly all (99.8%) of New Zealand's fossil-fuelled electricity. Moai to produce Hydrogen fuel

New Zealand's largest single electricity user is the Tiwai Point Aluminum Smelter in Southland, which can demand up to 640 megawatts of power, and annually consumes around 5400 GWh. The smelter effectively has the Manapouri power station as a dedicated power generator to supply it. Other large industrial users include the Tasman pulp and paper mill at Kawerau (175 MW demand), and New Zealand Steel's Glenbrook mill (116 MW demand). The other major consumers are the cities, with Auckland, the nation's largest city, demanding up to 1722 MW and consuming 8679 MW in 2010-11. Moai Interest here

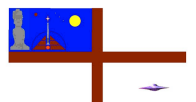
Our ability is to work together towards a sustainable, low-carbon future, compromised by the lack of controls; we have over the provision of our basic need for energy. Since Moai has complete control over it's entire project and financing capabilities Moai's task is to put the power back in the hands of the people of New Zealand and the World Co-operatives to choose their future, by putting energy technology into democratic, community ownership. Here are some factors that make locally scaled energy services a viable and exciting proposition: Given the state of the shortage of new power and increases in populations.

1 Requirements to meet the World Nations States participating with New Zealand carbon reduction targets described above.

2 This' will be the highest level of tidal energy of any Country in the World if Moai builds the first project on the seabed here.

3 There' is a significant renewable energy industry emerging in Canada and especially in Scotland and in Ireland. Within that industry there is a huge appetite to create local / regional jobs and build local / organized regions expertise in Co-operatives.

4 The' growing popularity of community investment structures is encouraged by share offers that leads successfully include the above projects using various financially organizational models. A detailed report by Forum for the Future New Zealand ("Funding revolution - A guide to establish and run low carbon community revolving investment funds") gives an excellent overview of the options available, including the enclosed Moai Fund model we intend to follow. The report is in Appendix C. Moai expect to target Solid Hydrogen, as our stored energy Product portable & placed where need is most for Auckland City. Moai encourages new local membership and Investors of other countries to install Tidal Platforms in their rural areas or City.



6. Marketing Plan

Target marketing rural, city areas of entire coastlines of any country throughout the developing world

Our initial target market has been community housing in rural areas where there are no power lines available, so we fly by helicopter large Solid Hydrogen exchange storage canisters directly from Platform Bridge out in the ocean to any remote site

Moai leases the land in the remote power station areas to the Co-operative, to build offices and accommodation for many families and staff who manages Moai power stations workshop factories and manufacturing industries. This would probably take up at least 20 acres of available land. The local community also signs over the Feed in Tariffs, and in return they receive free/highly subsidized green electricity at the point of generation. The target markets for later phases of the project, would be potentially wider, as demand is for more housing, farming, factories and manufacturing industries using power including:

- 1 Private homeowners and occupation land leases such as Moai Co-operatives rural leased development construction lands
- 2 Further community/public infrastructure such as schools, scientific coastal research stations in rural inland & coastal areas.
- 3 Businesses (including registered social housing providers, Rural District City Council buildings, private entity's & landlords)

Identifying communities housing and business development in rural districts to join our energy scheme

Moai Energy Co-operative will contact local Transition / sustainability / climate action groups to set up scientific action plan at the outset of this venture. We shall identify through these and other contacts, the best potential areas of the coastline to develop first, then make initial contact with Title Land owners. We then identify the owners and sign long-term contracts to Moai Co-operative then expecting them all to join as members, at the time of the proposed Feed in Tariff charges complied with. These are potential sites for Moai Tidal Electric Bridge Platforms. New Zealand needs 2 Platforms to power the country

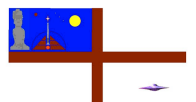
Identifying communities housing and business development in city districts to join our energy schemes

The Co-operative would consider this list of building sites at the launch of the first shares. Though the bridges can be built on any seabed in any country, the influence would certainly be towards shareholders who contributes the largest shares have more say in where the bridge projects should be built if they were to build it in their country. Laws Created in countries where Moai projects built have their own feed in tariffs in addition to new requirements for Moai projects to meet Energy Performance Certificate financial returns before proceeding with. Co-operatives monitor the situation continuously to build good relationships working with energy-efficiency related projects. The Co-operative has thus far been extremely successful.

MOAI SOLID HYDROGEN: 25,000MW Power Station Platform Bridges. These areas are suitable sites for:

- 1 Raukumara Basin to Kermadec Trench including Ranfurly Bank 20 to 200 km offshore (Seabed) and Lottin Point (Land base)
- 2 Kaipara Harbor 250 meters off Okaka Bay inner harbor, South Head (Seabed) and Tabora (Land base) South of Sand Island
- 3 A Bridge 250m off Cape Terawhiti, Oterangi Village (Land base), Wellington joins to Port Underwood in Picton South Island
- 4 Bridge 250m off Shipwreck Barracuda Bay (Land base) Bluff South Island to Thick in Stewart Island South Island (Land base)
- 5 A Bridge 250m off Nokolo (Land base) ‘Tonga’ to Ohonua (Land base) Eua Island ‘Tonga’ Linked to Te Pito Site New Zealand

‘Moai Power House Group Co-operatives are a vibrant community minded Public Company group rising to many challenges of today and tomorrow’. Moai uses Facebook Twitter and Google Media support individuals and communities to get the most out of digital technologies, communications, smart mobile media and the money transactions to bring greater access to Banks and financial institutions. Our long-term goals are to join more communities into Co-operatives to trade between a State on the mainland to Island States who have fewer Banks or none in rural areas. Now were able to pay bills using mobile phones to make purchases for goods and buy shares in Moai Investments right through the developing world work together.



Promoting the share offer

We have consistently held and attended appropriate events since March 2012, to raise awareness of the Co-operatives on facebook, google, youtube, linkedin and twitter. These have included the following promotional pre-launching of shares for:

1. Public awareness on facebook bullion gold, twitter, and Energy Network websites of Moai share adverts, 28th June 2012
2. Building your own Community Co-operatives, funding workshops on how to purchase shares in permanent partnerships
3. Sustainable Business planning workshops organized web online seminars at pre-determined times for a global networks
4. Online web Green Capital Momentum seminars debates at pre-determined times through global network skype or radio
5. Pre-determined Renewable Energy workshop debates online web seminars global network times on skype internet radio
6. Moai Power House Group web-site will have information where to ask questions about how the project shares work etc
7. Please visit one of our main web-sites or you can find more information on twitter and facebook on a big range of issues

In addition, Moai Co-operative's is to attend regular on-line Energy Network events. Moai is a member of the United Nations Year of the Co-operatives 2012, Are for events that form part of community energy exhibition at Creative Centers, will be part of our interests when on tour overseas. Moai Media creates our TM promotions initiatives covering all project activities.

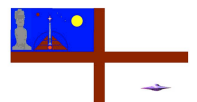
The Co-operative will build excellent links, with local networks, and organizations that will help support and promote the share offer as a result of these activities. Moai develops its own mailing list to over 3,500 twitter supporters with over 1 billion facebook and 600 million Google viewers grassroots-led marketing campaign in partnership with the communities around the world. Ready to sign up to or is interested in the project once the business plan & shares offer information is out.

Potential Investors

Moai Tidal Electric is a subsidiary of Na Atua E Wa Aotea Ltd, which is the Parent Company of Moai Power House Group Ltd. first Share Co Operative Company. ‘Moai Crown’a Privately controlled Company operating in London but is based in New Zealand is a Pacific Ring of Fire Co-operative Company. Under the Corporation Act of England will be operating in Aotea NZ New Zealand in the Region of Auckland. Complies with all laws and regulations of ‘Moai Crown State’ of New Zealand and of the International Land and Seabed Laws of England. The Maori Confederation links ‘Moai Crown’ to the United Nations the Westminster Parliament and the Government of England through Moai 1835 Declaration of Independence Flag Sovereign. Articles of Incorporation can be viewed on line as we chose to adopt Table of Articles including amendments inserted in plan

See <http://moaienergy.tumblr.com/> <https://twitter.com/#!/tidalelectric> and Private Treaty Company Agreements. Our main office is situated in Auckland City Waterfront Seabed reclaimed land in North Island one of two Islands off the South Pacific with a population of about 4 Million people. Moai Tidal Electric Project Base will be at Lottin Point, a small coastal village area situated at Hicks Bay East Coast North Island New Zealand. Wellington is the capital of the Country located in the Southern Hemisphere 2 hours west of Australia. Moai Tidal Power Generation projects are in Kaipara Harbor and East Cape.

Class "A" "B" "C" shares with no maximum or minimum number is the only authorized shares currently being offered to investor's worldwide. These shares have full voting rights offered at between £10 and £100,000 each. There is an optional non-prospectus for these share investors allowed to purchase them as unrestricted securities in Moai Bullion Gold Solid Hydrogen Share Plan “water, gold, ‘HEV’ high energy vacuum money currency’ investor's package plan for share Prospectors interests. Third option is Private Investment Loan of £10 million to £25 Billion with 20% ROI fixed period of annual loan Profit Please note: the sale of 1 Billion Moai Shares is not limited through one Bank or Mobile financial institution but to nominated Agents lists.



7. Finance

Financial model

This section gives an illustrative overview of the financial model for this project. Figures will change each year with inflation. A Moai financial forecast will appear on the Co-operative's web-site, as it becomes available. Co-operatives are to seek £250 Billion from member's investment contributions across the Greater of World Co-operatives States in 20-year share-offers. Government's Non-Government Organizations to fund the Construction of three Moai Tidal Energy Bridge projects in Kaipara Harbor & Raukumara Basin up to 200 Miles off East Cape, Te Pito, Lottin Point, New Zealand & in Britain is mainly to:

- 1 Buy all the materials needed to build the bridge construction turbines and generators and to pay contractors to build it all.
- 2 To' install Hydrogen Equipment turbine generator s accommodation on the bridge: aircraft machinery ships light water etc

In total the tidal energy bridge platform system of a single span should produce 400MW of solid Hydrogen Power to provide around 3,504,000,000kWh per year. (Enough to power 438,000 houses) @ a fixed rate of 7cents Kwh is for 438,000 Houses to save 116,8000 tonnes of CO₂, each year @ £0.15.2p per tonne of CO₂, saves £17,753.600 a year credit to the shareholders.

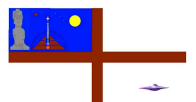
Moai Kaipara Harbor Tidal Energy Project:

Moai Tidal Electric financed the first stages of the Co-operative Business Plan in 2005, to create the generation tariff income, The system consisted of 5 sets of ballast floating variable pitch Turbine Blades suspended from a 200-meter long section of a Bridge Platform. Power from a 200 plus Piles Bridge stretch 11 Km long and 70 meters deep is 25,000MW. A span section of 3 Piles totals 400MW for our calculations. This would achieve an overall charge for the higher rate of Feed in Tariff income. The closest Sub Station in this Regions area nearest to Pouto North Head Kaipara Harbor Site is Ruawai Sub Station North of Naumai on the way to Dargaville and in the South Head at Helensville Sub Station. The Solid Hydrogen Fuel will be Air lifted to these Sub Stations and to other Power Stations in Northland and Auckland Regional areas as demand requires. We then pay to build another platform on the end of the current section of the 11 Km Bridge, till it's completed paid for as it is built. The slack tide has a 6-hour loss in a day, made up for by burning surplus Solid Hydrogen Fuel to keep Turbine speed constant

Moai Raukumara Basin Tidal Energy Project:

These Moai Turbine Blades react differently in open seas having one direction of in-stream flowing currents that move from East Cape North Island New Zealand colder waters to Chile and up to Hawaii warmer waters across to Samoa to Tonga. Then down to Australia and back to Kermadec Trench and Raukumara Basin East Cape where the Platform Site will be positioned in this anti-clockwise water flow direction. We hope to have this project started at the beginning of 2013, at the same time as the Kaipara Project Development to speed up current Feed in Tariff system that is short on power supply. The new system consists of the same 400MW calculations applied in 300 meters and over deeper waters. There are up to 10 sets of turbine Blades per Bridge Pile in 200 meters of deep water seabed in this system, total size for a same 3 Pile 10 set Turbine system is 800MW Mega'Watt-Hour output Power Generation. Equates to 7,008,000,000Kwh (kilowatt-hours) potential continuous Guaranteed Power supply for 876,000 Homes with 8000Kwh each continuous for the Te Tairawhiti Region of 100 square Km.

They will continue to receive subsidized clean electricity for a lifetime (over 25 years) at this Moai power generation point, reducing energy bills for Gisborne Wairoa Opotiki and Te Araroa (owners) and helping to support the Co-exist community of organizations which use this Tidal Energy. The Co-operatives building contractors maintain the installations for a period of 5 years at that point of completing the building project construction on shareholding funds. Ownership will transfer to 'Moai Crown' State Sovereign Government of the World Membership Co-operative Group organization. 'Moai Power House-Board' will manage the free energy hydrogen, electricity generation, at the outset of the Moai share release of 1 Billion Shares only. The original 1Billion London Shares originate from 'Na Atua E Wa Aotea Limited', Parent Company in Auckland New Zealand.



Capital costs

Kaipara Harbor Project: The cost of the purchase and installation of a 400MW fully installed operational Turbine Platform Bridge Construction measuring 200 meters long x 40 meters wide x 50 meters deep is £5Billion, including VAT. Moai Co-operative contracts all of the installation costs out for tender. Associated Feed in Tariff income forms the basis of payments.

Lottin Point Property Raukumara Basin East Cape Project: In early 2012 Moai Power House Group Co-operative was formed from 'Na Atua E Wa Aotea Limited' parent company to champion the idea selling power from Moai Platform Bridge plan through 'Moai International Power Board'. This included other forms of power generation projects to join into the Co-operative to install their Patented Energy projects in this Power Board too. Moai finances other installations giving the Co-operatives the option of buying that Power too, as small portable plants such as that powered by 'Ballard Limited' 1MW Fuel Cells and Moai 10MW Portable Gas Electric Motor Generator Plants when they available. To 1000MW SH2 Solid Hydrogen Portable Electric Motor Generators and MOAI 25,000MW proposed Tidal Energy Power Plant Platform Sea Power Stations will produce large Electricity Gas tariff incomes, for Worldwide Nation States membership demand for Moai shares in power

Moai Tidal Energy Readiness Fund to create revenue: The Gisborne Power Board is going to cut the power supply to the East Cape region in 2013, because of the additional pressure on the Gisborne East Regions Feed in Tariff from the East Lands Power Suppliers. Moai first priority is to supply power before the Power Board cuts it for their own economic reasons. The Co-operative's would also like to raise a fund for temporary installations on a community scale to tendering contractors.

Moai reserves the right to join other Hydrogen Production Power Generation Company's in New Zealand from all around the world to tender for power pooling feed in Tariffs while Moai is yet to establish its Tidal Energy Project through Shares Funds.

The total system size for MOAI Power Plants First Bridge Span is 400MW. Moai contracts H Bank Technologies Solid Hydrogen Equipment and Ballard Fuel Cell Company's 1KW Portable Fuel Cell Power Plants and also 10 Imported Jet Engine Generators converted to run on Solid Hydrogen under Moai Brand name. In the meantime 'Go Gas Ltd' has Generator plans in the pipeline Funding cost' first round of funding the first Go Gas Ltd. Power Project development once identified. Moai Co-operative buys 'Go Gas limited' Embedded Power Generation for a Contract Kwh rate as new Moai Income Feed in Tariffs

Moai Broadcasting Co-op 'News Media' MBC: These projects will be registered before the end of 2012 year then safe from exploitation of the Patent ideas being commissioned here through Moai Patent Brand name in 'Moai Crown' Sovereign State

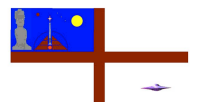
Moai shall create free energy clean electricity for (over 25 years) the lifetime of the system at point of generation, reducing energy bills for New Zealand (owners) and helping to support the Co-exist community of local organizations who use Moai systems. Owners receive highly subsidized green energy substantially reduced energy bills at point of generation, for lifetime

'Moai Power House Group Ltd.' Co-operative will maintain the power plant installations and or land leases up to 6yrs, when settlement ownership transfers to 'Moai Crown' 'State Government International Power Board Company'. Electricity Power Generation water resources belong to Sovereign beneficiaries of that State Country Land when Platform Bridge loans settled

Indicative revenues from the project

The amount of revenue generated by the project will depend on the amount of power produced from LH2 gas and SH2 Solid Hydrogen Jet Fuels for any given year which, in practice, will vary from year to year. Moai Co-operative's estimations are based on conservative models Incomes compared against Bullion Gold Investments assuming a loss efficiency of 1% per year The amount of revenue generated by the project will depend on the amount of Gold Bullion Invested in Bullion Vault for the first year which, in practice, will vary from year to year, not so for the Power Generated at the point of Sale for Moai TM Projects. Moai Co-ops estimates are based on conservative models, predicts Solid Hydrogen to succeed Gold currency Value.

Annual revenue from these installations will consist of basic figures in Moai £ Pound Sterling-Gold-SH2 Fuel Currency values: Feed in Tariff payments from energy generated for projected installations figures are for Moai Raukumara East Cape Project



Annual revenue projections from one of Moai 400,000Kwh Platform Bridge installations will consist of:

(a) Feed in Tariff payments for all power generated from Tidal Energy is 400,000Kwh x 24 hours a day = 9,600,000Kwh x 365 days a year is 3,504,000,000Kwh charged at the higher rate of 32.9p/kWh an estimated £115.3 Billion yearly. Charged at the new rate of 15.2p/kWh, grosses an estimated £53.26 Billion yearly. This justifies our 2 Tidal Project Costs of £25 Billion each. Realistically a competitive rate of 7.0p/kWh grosses an estimated £24.53 Billion per annum will still fit a borrowing capacity.

b) Feed in Tariff payments for energy exported from a temporary Power Company contracted by Moai Power House Group for Gisborne Tairawhiti Region. Export tariff charged for smaller Portable Hydrogen Electricity Power Generation Company's assigned to install a Solid Hydrogen Power Generator for Power Supply to these areas for winning Moai contracting tenders. Moai will Purchase Gas Turbine Engine Power Generators in the interim and installs them. Electricity estimated charge rates are currently \$120/kWh per 300Kwh per month usage, in the Gisborne Te Tairawhiti Region totaling £1440 per year charge on 8MW Grid Line, with a monthly average household use of 300Kw per home connection Line. These are Moai base figures.

Ongoing expenditure associated with installation and administration of Moai Power House Generators

(a) Feed in Tariff payments for energy produced from one of selected power generated export tariff from the installation has been assigned to Go Gas Limited Contractor owner, Kevin Ries. Without installing a GPS export power meter, is estimated as 1% of the available New Zealand market at 15.2p/kWh, totaling £533,000 per year, which is what Moai seeks for his funding.

(b) A contribution of NZ\$25,000 Capital went to start Moai Company with most going to set up investments conservatively set at levels to ensure the Company stays afloat till substantial private investment deposits and or sale of shares gets it going

☒ Costs necessary to sustain basic running of the Co-operative are not more than £300,000 1st year. This includes the cost of administering shares and distributing any interest derived from rate after tax profits to member's percentage contributions, preparation of annual reports and holding the AGM. Costs necessary to sustain basic running of the Co-operative staff: Moai Director-Chairman-Secretary-Accountant-Junior-Staff. Costs for online PWC Accounting systems, Swift Data Base Systems, Mobile Text Banking Systems, 'Moai Crown' State Sovereign percentage is remaining profit balance of unsold 1,000,000,000 shares before dividend paid out is limited in the interim period of a 4 month set up. This will change once the share moves in any given time frames, 4 months renewals. If all shares don't sell in 4 months it will revolve over a 4-month period to 5 years

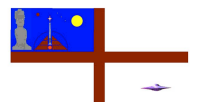
The Co-operative's expenditure estimations are based as conservative at not more than £50,000 per month. Assuming that business picks up in the 4 months sale period of shares with a right to extend the shares for a further consecutive 4 months period until at least 45% of all shares are sold. 'Moai Crown' State Sovereign Bank retains 55% or more of A-B-C class shares. Work is voluntary till the company generates income and then at the discretion of the Director to pay for setting up of the Company the time input for business plans, ideas, patent rights, legal costs etc. The Director has sole rights to review or not the share offer system at the advice of the majority of the higher percentage of 'shareholder' or Investor contributions who have voting rights for Director to consider who joins his management team, selects Financial Managers control A-B-C Shares

Ongoing expenditure associated with the portable power generator installations for Gisborne Eastland

1 Insurance and maintenance cost of the Data systems in the interim at no more than £10,000 per year. The project will be insured against damage, loss of income and public liability of all shares sold. The power generators and solid hydrogen fuel cells have a manufacturer's guarantee, and are very low maintenance but will require regular checking of all turbine engines in service for the Te Tairawhiti Region of Gisborne and Kaipara Harbor regions in our plans for these two £50 Billion Projects.

2 Removing and replacing 'Go Gas Limited', Portable Gas Generators for maintenance have one-off cost not yet established.

3 The Fuel Cells will need replacing for the lifetimes of their systems. A sinking fund for their replacement will be set aside from annual income at just over £5000 per year, depends on which Company has Moai Energy a Contract to install Fuel Cells



Financial Projections Apr 2012

Summary of Assumptions

Kwh generated for both 400MW systems installed in Kaipara Harbor and Raukumara Basin East Cape New Zealand, pa	400,000 Kwh each bridge	This is a highly conservative SAP rating for a 400MW Portable Power Generation Plant
Annual inflation (RPI)		2%
Annual degradation in performance of tidal turbines and generators		1%
Maintenance cost per Kw pa for New Zealand and Britain projects		£50, adjusted
‘Moai Crown’ State Sovereign 5% Royalty Water Hydrogen	£500,000	Director set at time of Company foundation
Directors Fees 3% of Moai revenue created (“Shell” CEO ref)	£100,000	Director set at time of Company foundation
Moai Power House Company Salaries & management charge	£500,000	Director set at the time, rising with inflation
Insurance cost of the share systems equipment vehicles profit	£100,000	Director fixes contract, rising with inflation
Ongoing legal and accountancy fees of each Global Company	£300,000	Corporate negotiable & rising with inflation
Moai Return on Investor funds: Barclays Bank & ANZ Bank	£10Million +	Pending Share Holders and Investors Funds
Computer Share Register Ltd Moai Coop ANZ Bank Account	£150,000	Moai Director CSRL Contract Agreement
PWC International Business Accounting Contract Agreement	£150,000	Moai Director PWC Contract Agreement
Moai MHD Generators H Bank Ltd SH2 Kaipara - East Cape	£5 Million	Contract with Manufacturing Company’s
Offshore Finance Company Bank Investment Contract Loans	£10Million +	Pending Contract Agreement for Investors

How the business should produce it’s 2014 to 2015 projected income

Investor Capital Investment 1 st year Setup Fund New Zealand	£10Million	Lloyds Bank £10 Million Overdraft 2012yr
Moai Energy 100 Million shares sold @ £60 each 2013-2015	£600Million	10 million liters of Solid Hydrogen Jet Fuel
Represents Income generated Hydrogen Fuels produced from 1- Platform Turbine Bridge. Fuel Revenue 1 st year end 2015	£50 Million	Value x £5 Liter £50Million t/o 2015yr end
Shareholders in Total 1,000,000,000 Average share of £60.00		East Cape Project commissioned end of 2014
Total Investments 3 currently Britain, Hong Kong, Australia		Expect Revenue £60Billion @£60 per share
Total assumed Income year end 2015 Fuel, Capital and shares	£660Million	Investment period open settlement 6yr -10yr
		Total 2015 - Assumed Target £49.3 Billion

How the business will be financed

As in UK Industrial Provident Society (Community Benefit Society), Moai Co-operative Company will utilize the ability to raise added with-draw-able share capital through a community share offer. This is a special form of share capital that can be withdrawn by select members, subject to the conditions laid down in rules of the Society and the Director for specific reasons.

Membership of the Co-operative is subject to a minimum shareholding requirements of £10 registration fee & £60 individual membership for (C) Shares. There is no limit on shareholding in excess of £100,000, and no limit on the shareholding of one IPS in another IPS in any Country of the World as applied to adopted Country of Residence in this case apply in New Zealand

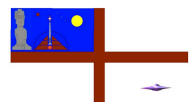
This is a long-term investment, like investments for-profit enterprise where the investors share in profits through interest in shared community benefits from increases in values of shares held are not freely marketable but as ‘Public and Private Shares’

1 The shares in a Community Benefit Society are not transferable, and the value of any share can increase beyond their fixed nominal (A) (B) (C) Class share £ value may be reduced if liabilities exceed assets. Moai Director alters this in extreme cases.

2 Shares cannot be sold. Shares can be withdrawn by giving 3 months notice of withdrawal to the Society who will buy them back at the best rate cannot take effect until 2 years (Moai Rule2) elapse from date Society begins trading. Withdrawal will be at discretion of Moai Director to judge if the Society is trading profitably; Or has adequate cash reserves to funds withdrawals

3 The Society cannot be sold for the benefit of its members; shareholders; as there is a statutory asset lock set by the Director.

An IPS community share offer is exempt from regulation by the Financial Services and Markets Act UK is treated differently from companies, including Community Interest Companies, when they promote community investment in the form of with-draw-able share capital. Exemptions make it far cheaper to use IPS legislation than company legislation at Director discretion This investment should be considered as an opportunity to contribute financially to the community with the expectation of a social dividend rather than just a financial reward. Director sets 5% interest Dividend after 6 years if showing a 200% + profit.



Distribution of annual profits

The Co-operative anticipates an annual profit from this project of around £50 Billion per year, subject to 1 Billion shares sold at an average of £60 per share. The Director will determine at each annual general meetings, how to distribute these profits.

The Director proposes that this annual profit shall be used as follows:

1 Provision for payback of initial invested time capital, either directly as Cash or shares withdrawn, setting aside as capital in fixed-term Moai Bank deposits, & or re-invested in projects approved by Director's Parent Company Na Atua E Wa Aotea Ltd

2 The remainder to be divided between interest payments to all member-investors of up to but not more than 5%, and put towards furthering aims of the Co-operative if its making profit surplus funds to warrant a pay-out and to maintain Company

3 Members have the option to waive part or all of their interest payment to assign it to Moai Company projects after 6-year period of Moai Power House Company Co Op Group set up observing out clauses on share agreement option at voting-AGM.

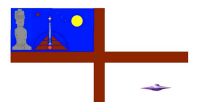
Other finance secured

Moai Energy Co-operative secured NZD\$25,000 from 'Na Atua E Wa Aotea Ltd' self-Funded Parent Company and owners of Moai Tidal Turbine Bridge Construction Company and its 999,999,999,999 shares. This enabled the new Co-operative to pay for appropriate external professional services, which may otherwise have been real barriers to the Co-operative preparing it's shares to the public. Starts on a 4-month x 4-month period of a 6-year revolving share period the offer opens and closes on to sell the whole 1 Billion shares in the 3 classes of (A) (B) and (C) shares. Members understand the Contract Agreement that 1,000,000,000 shares were transferred from 'Na Atua E Wa Aotea Ltd' Moai Crown Royal Sovereign State Government Parent Company Base in Auckland New Zealand to all Moai Power House Co operatives in the world. Moai has a Company offering the 1 Billion shares, to raise the capital for the Project Development, deposits by mobile phone text & bank systems

Moai Co-operative Enterprise Hub uses secured Funds to promote the concept energy plans by establishing of 5 web sites. Organizing a legal lawful Sovereign State Flag Jurisdiction with public and world indigenous community support with regards to the financial modeling of our milestone development phases. Structuring Co-operatives Network web-sites to attract new members to join us from all countries of the world. The use of facebook and its 1 Billion plus members and google cloud 600 million memberships and Moai's twitter web-sites 3000 plus membership followers & other media puts our messages across

Co-operative scope of the project Moai Tidal Energy concept of power generation follows the trend towards storing energy in the seawater as hydrogen gas absorbed into Solid Hydrogen Metal Alloys. It allows these metals to store 16,500 liters of Hydrogen in a space 550mm long x 550mm high x 330mm deep cascade of bottles at atmospheric pressure. These alloys are at room temperature under a fixed hydrogen pressure, that absorbs extremely large quantities of hydrogen, forming solid metal hydrides. The chemical reaction of hydride formation is accompanied with the release of heat into environment. The hydrogen absorption process can be reversed if the hydrogen pressure is lowered below fixed certain value. In this case, desorption of hydrogen gas is accompanied with heat absorption from environment. The hydrogen storage alloys, is based on rare-earth metals, Ti, Zr, Fe, Et. Al, are extensively studied. However, only rare earth based so called AB5-type and transition metal based AB2-type alloys has reached the stage of mass production and commercialization. The same time, as reversible gas storage material, only AB5-type alloys can operate at moderate temperatures (from -20°C up to +60°C), while the AB2-type ones require additional heating. Here are return on investment, for Moai 400MW Tidal Energy 'Power Platform Bridge'.

400,000 Kw x 24 hours = 9,600.000 Kwh a day x 365 days a year continued guaranteed non stop tidal energy = 3,504,000,000 Kwh Total from 400MW of power a year. Divide that by 1 Bank of 16500Kwh Bottles = 212,364 Banks of SH2 Bottles That's 212,364 x 16,500 liters of fuel for little production cost point of sale on the bridge. That is 350 million liters of SH2 Jet Fuel Solid Hydrogen x USD\$5 = USD\$17.52 Billion, or £10,980,241,948.35 This is the true figure of a 'Moai Turbine Energy Bridge'



The future

Moai Energy Co-operatives intends to make other investments in renewable energy and energy efficiency projects through re-investment of capital. We would like this to be the start of democratic investors' co-operative able to assess and invest in viable projects, which contribute to the aims of the Co-operative. The director intends to invest in other future projects with members and where the return to members in total at least comparable to what we anticipate provided in this share offer. 'Moai Power House Group' is setting up office in London using the pound sterling currency as depositing shareholder funds into the 'National Bank New Zealand Foreign Currency Account interim period of 'Na Atua E Wa Aotea Ltd' Parent Company.

Enterprise Investment Scheme

Moai use the Enterprise Investment Scheme (EIS) designed to help smaller to higher-risk trading companies to raise finance offering a range of tax relief's to investors who purchase new shares in those companies. Further details are found on the HMRC website: <http://www.hmrc.gov.uk/eis/>. The Co-operative is working to ensure that its shares are eligible for EIS tax relief, which allows investors who do not withdraw their investments for six years from the start of trading to set up to 30% of their investment above £500, against income tax liability. Moai will discuss this at meetings on our Skype media Webinars

Main assumptions

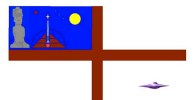
- 1 100% capital raised throughout the world in several Countries members join as Co-operative communities-purchase shares
- 2 Aim is to offer an annual 5% interest on single Natural persons & CEO Shares (Including Corporate Company's) after their first year if Moai is successful in its Hydraulic Tidal Turbine installation of SH2 Solid Hydrogen manufacture sales distribution. And for the installation of Ballard 1Megawatt Fuel Cell power generation fully commissioned and supplying power to the grid is a first of many contracted Company's supply energy to 'Moai Gas Electric Water Power Board' throughout the World'
- 3 No withdrawal of shares for first 3 years, (Moai has Private Investors Capital Account with no withdrawal before 3 years up
- 4 Straight-line depreciation over 25 years period of accounting in 6 year review period of the Share offer contract agreement
- 5 100% Portable Generator Power Contract Supply charge-out, in year 2015 of installation in any country after New Zealand.

Targets and contingencies

Moai Co-operative will identify the amount raised and proceed as follows, following the opening of these share offers on or before 25/12/2012. Close of this share offer on 25th April 2012, or later if the director decides to extend unsold share offers, if the shares do not all sell, he has the sole right to revolve shares every 4 months up to 6 years & till 1 Billion shares are sold

- 1 If the target investment of £10,980,241,948.35 is raised in 4 months, installation of 400MW on Kaipara Harbor will go ahead, along with purchases of Land at Okaka Bay South Head and Pouto North Head another Bridge Platform goes there. The other 400MW Tidal Energy Platform Bridge system will go ahead, on Raukumara Basin and Kermadec Trench East Coast.
- 2 If between £60,000,000,000 and £250,000,000,000 is raised, then the installation, of 10 others will go ahead in Wellington. Cook Strait. Bluff. Westport. Fiji, Papua New Guinea, Tonga, Samoa, Kiribati Hawaii Tahiti London Hong Kong' Moai purchases Land on Auckland Waterfront, Lottin Point, Westport, Bluff, Wellington, Papua New Guinea, Kiribati, Samoa, Fiji for projects
- 3 If the amount raised is substantial, is because an Investor and major Company CEO has injected the Capital or shareholding
- 4 If any Company buys up all the shares in order to win the tender to build this bridge and its entire components then he has a right to build it where he wishes to build that Moai Tidal Energy Bridge under our Instructions and TM PATENT Ideas plans.
- 5 Moai has the right to offer another Billion shares to shareholder continue all purchases, out of 999,999,999,999 shares left

Moai Power House Groups and Private Co-operatives, MCSSB 'Moai Crown State Sovereigns Bank' were previously formed. The Director extends those share offers at his founder's discretion to allow more time to raise what are now larger sums of money than previously envisaged, through 'Moai Sovereign Royal Bank Creditor' for the 'Maori Hapu Sovereign States Bank'.



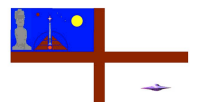
Risks and threats

The success of the first phase of development relies on a number of factors:

1 Raising sufficient capital through the community share issue. We have had a number of informal approaches over the past months from significant potential investors and lenders to the project. Which have given us confidence that the model is popular to attract investment from all countries is a major world feat for Moai members of Co-operatives starting year 2012

Here are other key financial, operational and technological risks, with mitigating factors: MOAI ENERGY FINANCIAL RISKS

ISSUES	OBSERVATION	COMMENT / Mitigating Factor
Moai Bank Trading history	As a start up business, Company does not have a track record of delivering results with forecasts	The forecasts are based on income from Feed in Tariffs, of a well-established scheme in the UK, in which Moai follows the progress of various similar successful energy projects.
Achievable forecasts and the technology used	There is a risk, given that the Co-operative does not have a track record in this industry, that the levels of generation forecast will be achieved as a result of Seagen Tidal Energy input tariff income generation in Ireland & Scotland	Moai watches closely with an existing tidal energy power generation company called Seagen producing the figures, and believe the forecasts are truly correct. Seagen uses a Wind turbine principle to harness 1.2MW of seaflow tidal Power whereas Moai uses paddle blades that are a direct Power calculation of The Great Eastern Steamship Paddle Boat Horsepower conversions for our Moai Tidal Turbines.
Investment Shares Issues	The share issue may not raise sufficient capital so we extend the 4 month share cut off date	The share offer had a 3-year preparatory promotion, and Good links are established, with many followers already Showing on Moai twitter Google and facebook web-sites.
Method of Investment	The Co-operative uses Moai SH2 Current Hydrogen fuel value up the Moai Gold-Water-SH2 Jet Fuel Solid Hydrogen-HEV High Energy Vacuum Engine as Moai money Currency Bank Valuation	We have good connections with a large number of local and international contractors who are already showing Interest and input into the project to purchase shares as Members and to build it's construction under tendered Contracts. Hydrogen projections show return Investment of double the efficiency and distance of fossil fuels energy
Lead in times for Installations of Moai Tidal Energy Projects	Moai plans to contract work out to those businesses who build this tidal bridge construction platform 2013 to sell the shares to Builder member individuals	We have good connections with local contractors and of International companies who are able to react quickly to Tendering for contracts and investing in this project from the outset. The A Shares cover major Corporate interests in investing in their own shares, equipment into projects
Planning permission to build Moai Tidal Energy Projects	Council Planning permission is achievable for Tidal Energy in Kaipara and East Cape Projects through Engineers as members	This should not be an issue given, as planning procedures for Tidal Energy looks positive favorable public response. Northern Regional Council support Moai Tidal Electric idea for Hydrogen renewable energy power generation projects
Moai Platform Bridge Power to Main Grid Power and rural area sub station connections tariffs	There are no difficulties with any connections to the grid. Moai TM has wireless, no cables required.	This should not be an issue given the system is contained as stored Hydrogen Power Energy, advanced safe of little loss in its energy content containment for longer periods
Inflation	UK Government uses RPI indexes on generation export tariffs, no protection afforded to investors against annual deflation. Moai observes this in our assessments.	The annual interest on shares may fall however Moai will Structure it's own Bank Currency Money to keep tax and Inflation separated and lower more than market forecasts The fact that the hydrogen fuel is burnt on the demand for more for power stations and Passenger Airline interests us



Risks and threats

Impacts of future projects on investment and high net returns Moai Energy Future projects Co- Moai Management approves Energy projects and it’s intent operative underwriting may yet of the sole director to advise that these Moai Trade Marked affect interest payment initially Projects provide at least an attractive rate of return with to its shareholders membership. the initial projects costing money to build and risks to take

Moai tidal turbines and bridge can be removed completely by same method assembling them. Moai Bridge need ‘Moai Crown’ State Power Board approval to remove from seabed by permit. The Ocean leasing contract agreement is approved between the Co-operative and ‘Moai Crown’ State Government of its self and its TM Ruling Authority on behalf of its membership

8. Future developments and opportunities

Phase 2 –Investment in other renewable energy installations includes Potential phase 2 developments

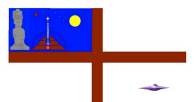
The Co-operative is actively researching other renewable energy technologies, and talking to potential project partners, with the aim of further developing our own ‘MOAI HEPB Hydrogen Electric Power Board energy infrastructure in the Fuel Cell and HEV Engine Technology. High Energy Vacuum Engines, Power Generator projects applications in Auckland New Zealand now.

- 1 Moai Solid Hydrogen Manufacture on the Moai Platform Bridge Operations employing a Solid Hydrogen Fuel Cell Company
- 2 Other’ renewable energy projects are LH2 Gas Water HV Engines, Moai Tidal Energy Hydraulic Sea Surge Pump Generators
- 3 Projects under Moai HEV High Energy Vacuum Propulsion Gas Electric Generator Motor 5MW x 400mm Diameter.



Phase 3 – Potential investment in energy efficiency measures

Whilst energy-efficiency does offer higher returns on investment equivalent to and available for renewable energy, Tidal Energy produce the best carbon savings per CO2 ton using large flat paddle face Turbine Blades crucial to Co-operative plans Moai observes a variety of public and private sector projects that have delivered a great deal of clean energy efficiency work across the Globe. However, Moai Energy Trust Production estimates that bulk supply Solid Hydrogen, will require retrofitting in the next 2 years alone in order to introduce ready made Solid Hydrogen Products. In the meantime from Company’s who prepare to contribute their products, into Moai Construction prior to them tendering, for large-scale Moai Project contracts. ‘Moai Crown State’ upcoming Green Deal scheme is designed to accelerate this process, and the new details of the scheme are now beginning to emerge. The Co-operative has already carried out energy efficiency work with some of its community business partners, and will be making best use of the Green Deal and related schemes once they are up and running. We are forming a ‘Moai Sovereign Bank’ for running worldwide energy schemes for low-income communities who have no Bank can adapt Mobile Phone payments to take cash for shares, deposits, withdrawals, through Moai Merchant fast pay Bank systems



9. Appendices

Appendix A Moai Energy Share Certificate

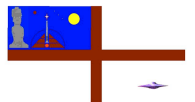
Appendix B Moai Energy Co-operative State rules

Appendix C Moai Co-operatives guide to community investing

Appendix D Moai guide to establishing and running low carbon community revolving funds

10. How Moai converts hydraulic tidal energy power using flat turbine blades

Moai Tidal Energy Mechanical Horsepower or Kilowatt Power is calculated by comparing the power generated against the “Great Eastern” Steam ship size weight performance opposing the sea tidal forces. This explains the power of the 6000KW Steam Engine driving the fully laden steel ship through the sea water density at 14 knot speed or at 26 miles per hour power. In order to get an accurate measurement of power from mechanical flat turbine blades which is trying to stop this moving tide, the blades have to be loaded with an electrical generator capturing this sea energy in these flat Moai Paddle Turbine Blades. This is the opposite effect to this steam ship which is driving itself through the sea tide using paddles that are **17m** diameter means that **2.4 meters of blade is under water on both sides of the ship** creates forward motion through the sea. The Great Eastern was the first ship, to incorporate a double-skinned hull, a feature, which would not be seen again in a ship for 100 years, which is now compulsory for reasons of safety. She had sail, paddle and screw propulsion. The paddle -wheels were’ **56 ft in diameter** and the four-bladed screw - propeller was **24 ft across**. The power came from four steam engines for the paddles and an additional engine for the propeller. Total power was estimated at **8,000 hp**. Her maximum speed was **13 knots**. 03-29-2012, 07:25 PM- See page-277, below. I believe that this spec may be for side wheels (paddle width four times its height). Another specification calls for the less common stern wheel to be twice the width of a side wheel, so eight times paddle height. I believe the reason for being so fussy over paddle size is to avoid getting too large a "bite" and thus slowing down the steam engines, which reduced their horsepower output. There's also a formula for calculating feathering paddles sizes based on the diameter of the wheel. Our Calculations for Moai Tidal Energy Bridge Platform for Kaipara Harbor is for 15 sets of Turbine Blades, total area of **1875 square meters**. Divide this area, by 108 square meters, area of the “Great Eastern” **Paddles and Screw Propeller, 96.240Kw** per square meter equates to 101,754.05Kw, **102MW Power-Kaipara Bridge Project at 70 meters deep** canyons site plan. **Raukumara Basin East Cape Tidal Energy Project Depth 300 meters Power output** is 3 sets of 20 blade sets swinging around **3 of 4 meter diameter steel axis piles**. Total power output **7500 square meters** area of blades x **96.240Kw per square meter** of “Great Eastern” Steam ship 6000Kw **6MW Steam Engines**, gives 721,800Kw **722MW** of useful power energy that we use in our turbine bridge platform calculation. <http://www.boatdesign.net/forums/archive/t-42469.html> http://www.gracesguide.co.uk/SS_Great_Eastern Moai Tidal Energy power calculation is based on this legendary steam ship the “Great Eastern” principles of operation Through the energy of the sea. Its power is much greater at depth. On Moai Tidal Turbines, in Tons per square meter area. Therefore our figures are conservative and shows an indication of horsepower calculations of a known quantity of power to base our true financial assessments on per square meter of area per marine space of a solid column of moving water closest to the seabed. That is for the **Kaipara Harbor** site at **Okaka Bay** South Head, the **area of marine space is 200 meters long x 40 meters wide x 75 meters deep**, the estimated **power output** is **102 MW**. For **Pouto Site** North Head the **power output** is at **102 MW** This is the lower end of the calculations than the hydraulic power we are expecting from tidal in-stream flow which is in tons pressure on these Moai Tidal Energy Turbines. We expect to more than double these figures and the expected revenues as a result of these findings should be treated as **lower than expected**. Here is a fully loaded ‘Great Eastern’ weighing **32,160 ton. 6 Megawatts of steam engine power** is required to push **32,160 tons of steel** and its **load 14 knots** speed through **seawater**. It must be understood that water weights about **60 pounds per cubic foot**, and has unusually low compressibility, like steel. **Raukumara Basin** is **300m deep x 200m long x 40m wide** with the tide traveling at **5 knots solid wall of water** which equates to **2.4 million tonnes** of water **spinning Moai Turbines**. The width of the **Kaipara Energy** Bridge and volume column of **8000 tonnes** of Seawater passes under this **70 meters deep** bridge to seabed x **200 meters wide side on** facing oncoming seas. **8000** cubic meters of water moves turbines around. Speed of **5 knots** flow passing under depth of bridge at **40meters long horizontally** with **water flow**.



Great Eastern at Heart's Content, July 1866

Builder: J. Scott Russell & Co., Millwall

Laid down: 1 May 1854

Launched: 31 January 1858

Fate: Broken up 1889-90

General characteristics

Tonnage: 18,915 grt

Displacement: 32,160 tons

Length: 692-ft (211 m)

Beam: 82-ft (25 m)

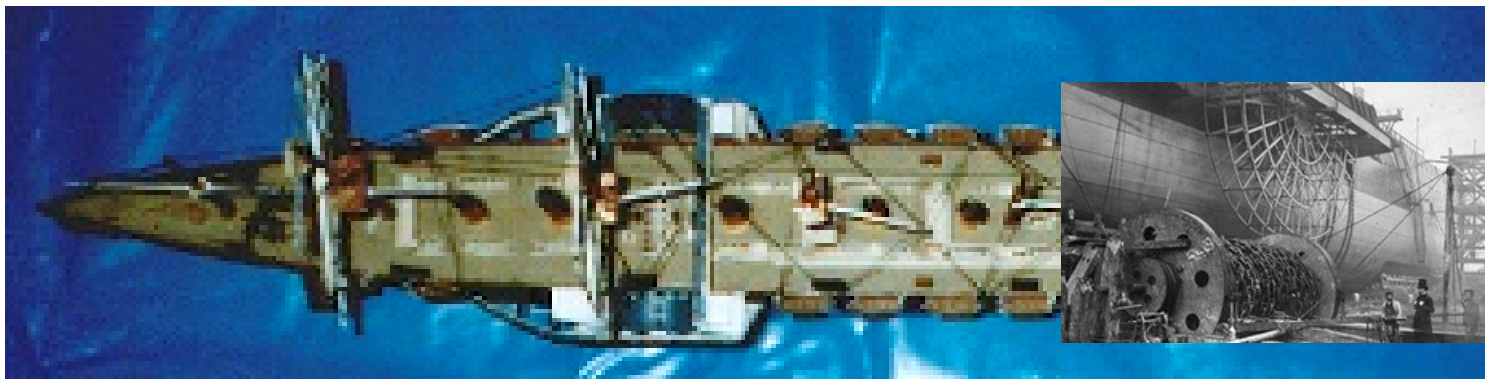
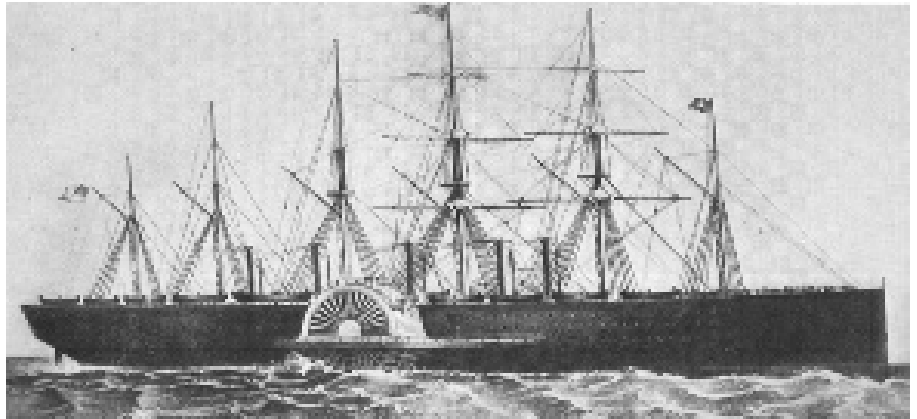
Speed: 14 knots (26 km/h)

Capacity: 4,000 passengers

8,000 hp (6.0 MW). Rectangular boilers

L * B * D = 211m * 36m (over the paddle boxes) * 9.2m with 18m height of hull.

Propulsion: Four steam engines for the paddles and an additional engine for propeller. Total power estimated 6.0 MW



11. Principle of harnessing horsepower from Moai Tidal Turbine Blades areas

Note: Width 36m (over the paddle boxes) Beam 25m This makes the 'Paddle width 5.5m each, and paddle feathering is 2.4m Means 2.4 meters of blade are under water on both sides of the ship creates forward motion of 32,162 tons through the sea

Area of left and right driving paddles under the sea was 5.5m wide x 2 paddles x 2.4m depth of a total area 22 square meters In **Kaipara Harbor**, the average sea pressure at 70m is between 4.4psi at 10ft depth and 100psi at 70m or 230ft depth of sea

Paddle Specifications: of the 'Great Eastern' steam ship

Drive contact surface area: of 22 square meters paddle blade

Speed through water: 14 knots (26 km/h)

Power in Megawatts: 6.0 MW (8,000 hp)

Speed of sea-tide water in Kaipara Harbor is 5 Knots average

Pressure of Kaipara Harbor Sea at 70m depth is 100-psi pressure

Surface area of 15 sets of Moai Turbine Blades in Kaipara Harbor, is 1875 square meters

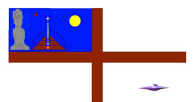
Power output of Kaipara Harbor 1875m sq. divide by 22m sq. = 85m sq. x 6MW = 511.36 MW of electric power

Pressure of Raukumara Basin, 300m deep is 400- psi pounds per square inch

Speed of sea-tide water in Raukumara Basin East Cape is 5 Knots average to 10 knots Refer to Navy

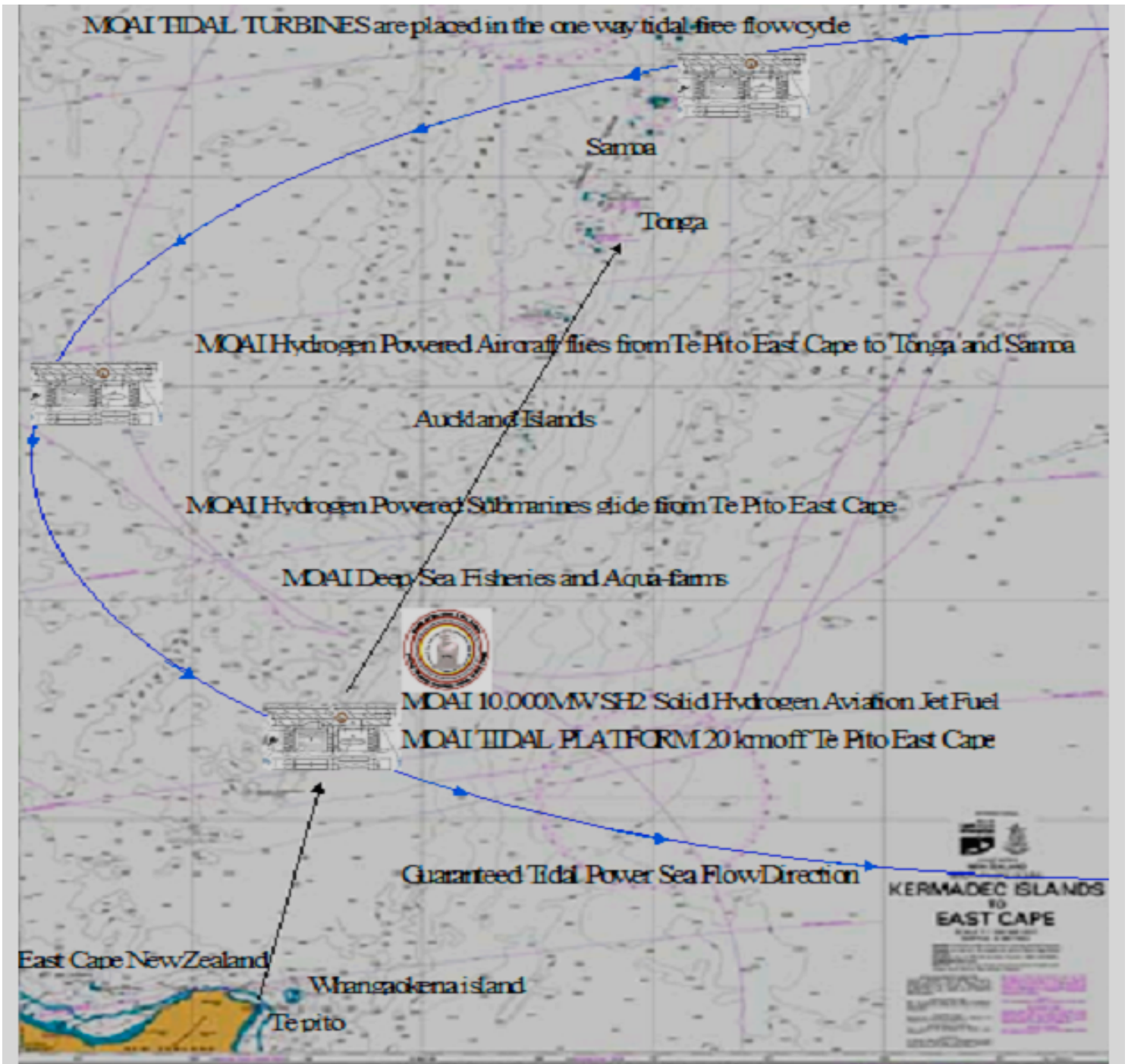
Surface area of 60 sets of 20 Moai Turbine Blades on 3 x 4m steel piles in Raukumara Basin, is 7500 square meters

Method 1 Power output of Raukumara Basin 7500m sq. divide x 22m sq. = 340.91m sq. x 6MW = 2045.45MW of electricity



‘Moai Crown Royal Sovereign States World Co-operatives’ ‘Moai Power House Group’ ‘Moai Tidal Electric’ ‘Moai Sovereign Bank TM’

Method 2 Power output of the Bridge column volume is 200m long x 40m wide x 300m deep anchored offshore against a 5 knot rolling side on tidal flow current. The turbines are in the flow 10 meters off the seabed to 200m tall x 12.5 meters wide and 90m below the sea surface at high spring tide. The volume column of water on the 20 power half blades of 1 of 3 piles is 200m x 12.5m radius = 2500 square meters of area when the variable pitched blades are in the vertical plane of sheer wall concrete steel. Hydraulically stalling the 5 knots oncoming tidal flow power to 2 knots. This is our ton force of Hydraulic Power captured in these floating giants ballast turbine wing variable pitched blades. Equates to 1000kg per cubic meter of water in weight which now means the swept volume of tidal flow is the radius x 2 distance traveled = 25m multiply by the height of 20 turbine blades of 200m. Multiplied by the width of the 20 turbine blades 12.5m = 62,500 cubic meters of sea water volume. The tide is moving this column of water at 5 knots. The weight of waterpower is therefore 62,500,000 kg pushing against the 5-knot speed tidal speed stalled by the tidal turbine blades at 5 knots. This is how we get capture the energy of the tidal flow tonnes of moving water right here on the in-stream depth of 250m below sea level is 400- psi pounds per square inch pressure. On the 3 sets of 7500m square blade area swinging around 3 x 4m diameter bridge piles.



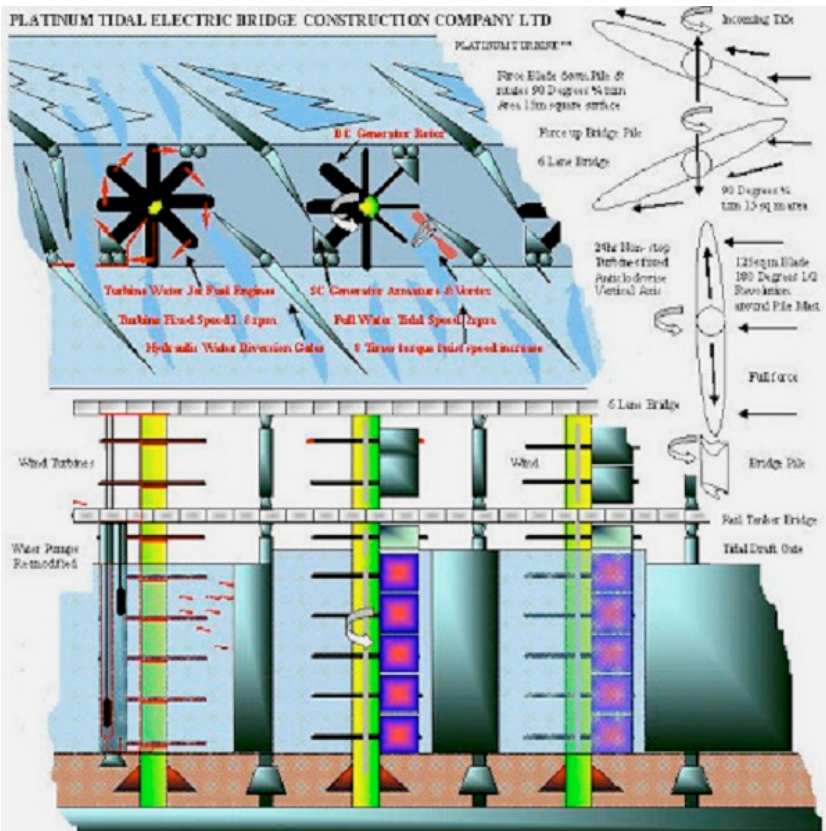
12. Concept energy plan for income revenues

Moai Tidal Electric Turbine generators should produce 2,045,450 Kilowatts of guaranteed continuous electricity power from **Raukumara Basin non-stop tidal flow currents** in one direction from East Cape to Chile **17,918.142,000Kwh per year @ 25cents per Kwh** charge out rate for New Zealand Power generation. Equates to **NZD\$4,479,535,000** a year income guaranteed continuous electricity power from the **Moai Tidal Energy Bridge** on the remote **Raukumara Basin Power Station**

In **2011**, New Zealand generated **43,137 gigawatt-hours (GWh)** of electricity. The **electricity generated in 2011** was **57.6%** hydro electricity, **18.4%** natural gas, **13.4%** geothermal, **4.7%** coal, **4.5%** wind, **< 0.1%** oil, and **1.5%** other sources. Installed **generating capacity** of New Zealand, (all sources) as of December **2010** was **9,667 megawatts (MW)**. Is composed of **54.3%** hydroelectricity, **23.2%** natural gas, **7.6%** geothermal, **6.4%** coal, **5.6%** wind, and **1.6%** oil. And **1.3%** other sources mainly biogas, waste heat http://en.wikipedia.org/wiki/Electricity_sector_in_New_Zealand In 2010 Australians were paying on an average 14.83c while for New Zealanders, electricity was retailing for between 22.7c and 24.97c per kWh. Since comparison was made, New Zealand prices have risen as high as 29.25c per kWh. Shows Kiwis are consistently paying considerably more than our Australian neighbors. **Moai** Calculates **43,137,000,000 Kilowatt-hours** means a single one **270m** long x **4 piles Moai Tidal Energy Bridge** will power New Zealand up. Assumptions are a basis of our Tidal Energy Calculations.

As an example of an actual **Pelton wheel**, one worked for a time generating electricity in Southern California with following specifications. Pitch diameter, 162" (2.06 m); operating speed, 250 rpm (26.18 rad/s); head, 2200' (670.6 m). The theoretical V is $\sqrt{2gh} = 114.6$ m/s, while the peripheral velocity $u = 53.86$ m/s. Then, $2u = 108$ m/s, very close to V and probably closer to the actual jet velocity. This wheel probably developed about 60,000 hp on a flow around 7 m³/s. the ratio of the runner's velocity u to the ideal jet velocity $\sqrt{2gh}$ is usually denoted ϕ . A Pelton wheel working at maximum efficiency, ϕ is about 0.5

This is Moai Tidal Turbine Concept 200m section of a Platform Bridge installed in the middle of the Pacific Tidal Stream flow.



2. Platinum Turbine™
 Platinum is the Brand Name of the 8 Blade Wind Tidal Turbines. Platinum is a Limited Liability name 2Billion Share Company Platinum Metal is used in the Catalyst Converter and Hydrogen Electricity Fuel Cells amongst our Platinum Tidal Engineering Projects

3. Revolving Door Type Turbines

