Future Vision of Miyazu

where blockchain meets the sea cucumber

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Where is Miyazu?

Miyazu, Kyoto, Japan



Miyazu is a Sightseeing City

- Historic temple (28th of 33 Kannon temples in West Japan for 1300yrs)
- One of the 3 most scenic spots of Japan (since 17C)
- Special place of scenic beauty (designated in 1952)
- 2 stars in The Michelin Green Guide (Published in 2009)
- Kyoto by the Sea (since 2015)
- The most beautiful bays in the world (joined in 2016)
- Japan Heritage (approved in 2017,2018)

3M tourists visited Miyazu in 2017



Climbing Up Draogn's View Flying Dragon's View

Four Seasons in Miyazu Bay





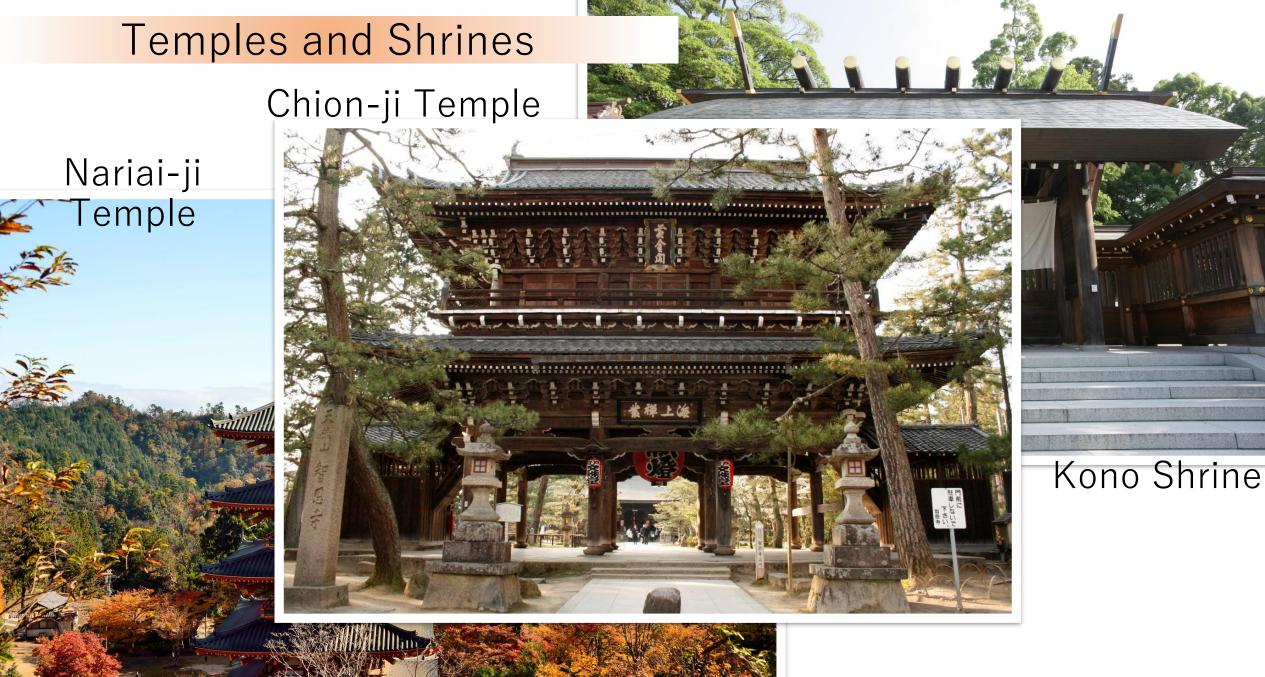




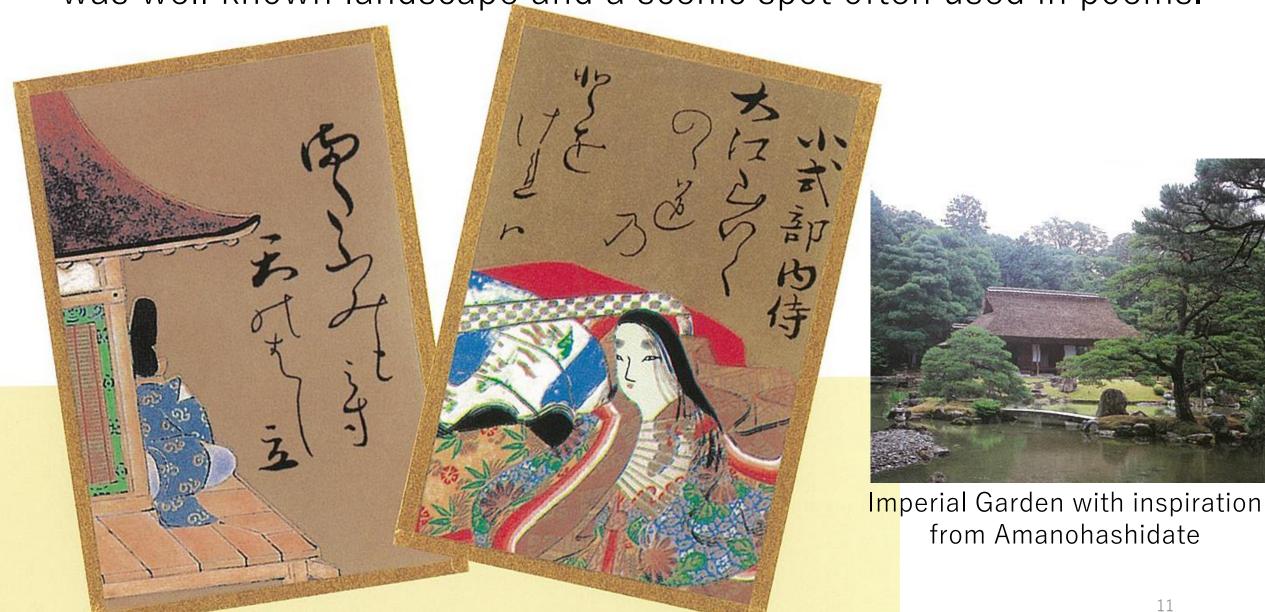
The Pine tree avenue, inside of Amanohashidate







For aristocrats in Heian & Edo period (D.C.794-1868), Amanohashidate was well known landscape and a scenic spot often used in poems.







Festivals in MIYAZU







Activities in MIYAZU





Long way to blockchain meets the sea cucumber (Namako)

Project started from an ISID experiment

- An experiment to apply blockchain to organic vegetables was made by ISID with Aya town in March 2017.
- Blockchain was applied to prove the growth path of organic vegetables. The purpose of the experiment was to maintain the appropriate value of organic vegetables and the experiment was successful.
- Seeing its press release, we contacted ISID in order to extend their technology to our sea cucumbers (namako).



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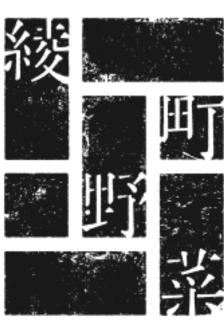






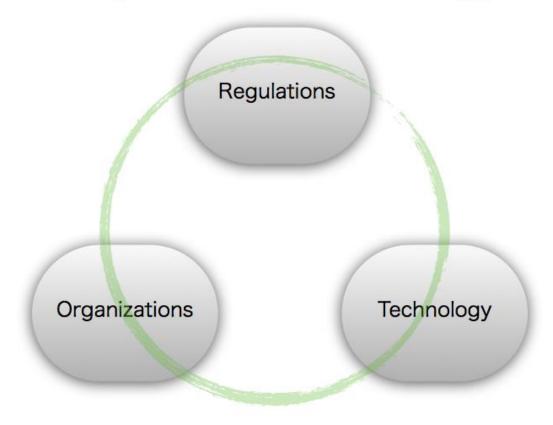






AYA Organic Vegetables

E-Governance: not just about technology



綾町では、自然の摂理を尊重した農業を推進するため、 昭和63年、全国初の「自然生態系農業の推進に関する条例」を制定

農地の認定区 分	過去における農地の管理状況		
	土壌消毒剤除草 剤	土づくり	
A農地	使用しない	土づくり3年以上の農 地	
B農地	使用しない	土づくり2年以上 3年未満の農地	
C農地	使用しない	土づくり1年以上 2年未満の農地	

管理の認定区 分	土壌消毒剤除草剤	化学肥料	合成化学農 薬 (防除回数)
А	使用しない	使用しない	使用しない
В	使用しない	三要素施用成分 総量20%以下	慣行防除の 1/5以下
С	使用しない	三要素施用成分 総量20%以下	慣行防除の 1/3以下









A (ゴールド) B (シルバー) C (カッパー)









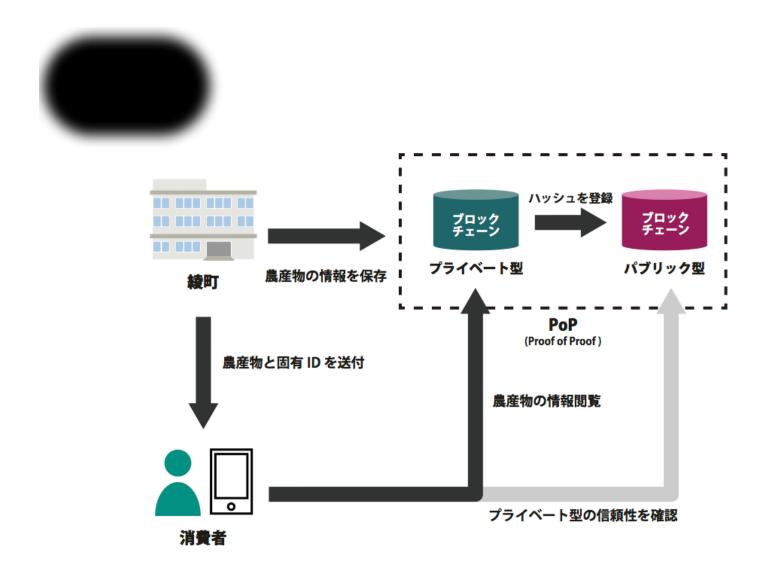






綾町役場 農林振興課有機農業開発センター

あやちょうやくばのうりんしんこうかゆうきのうぎょうかいはつせんたー















Fishery in Miyazu

- Japanese Spanish Mackerel
- Yellowtail
- Red snapper
- Clams
- Trash shell
- Sea Cucumber (Namako)









Problems with Namako in Miyazu

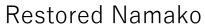
- Main market of dried namako is China
- Miyazu namako has been traded as Kansai namako
- Kansai namako has been bought by Chinese buyers
- Chinese manufacturers make their products with drying machines
- Traditional drying process has been maintained by the manufacturer in Miyazu

If the authenticity of the whole process from the sea to the final product of dried namako could be proven, it might be possible to protect its value properly



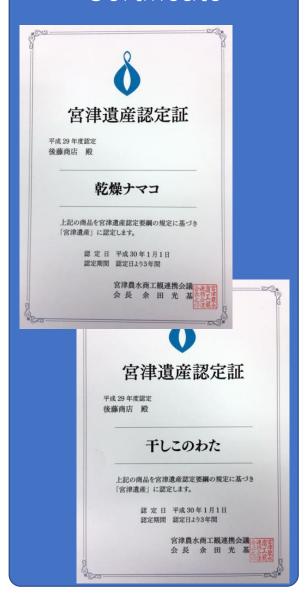








Certificate



Crypto-Currency: Nama-koin

- Blockchain can prove the authenticity
- Blockchain is the base-technology of the crypto-currency
- Miyazu is a sightseeing city
- Fishery is one of the major industries of Miyazu
- Considering all characteristics shown above, crypto-currency supported by the real value of dried namako could be developed in Miyazu

Is Nama-koin economy feasible?

Is Nama-koin economy feasible?

- Chinese people consider namako as good for their health, beauty & long life
- Many Chinese travelers visit Miyazu
- Health tourism is one of the highest-value-added travel form
- Health tourism in Miyazu consists of clinical survey, namako dishes and sightseeing
- Nama-koin related to the specific real product whose authenticity is proven can be bought beforehand from home
- Nama-koin owners can choose between the real product related to the nama-koin or useing nama-koin for payment in Miyazu

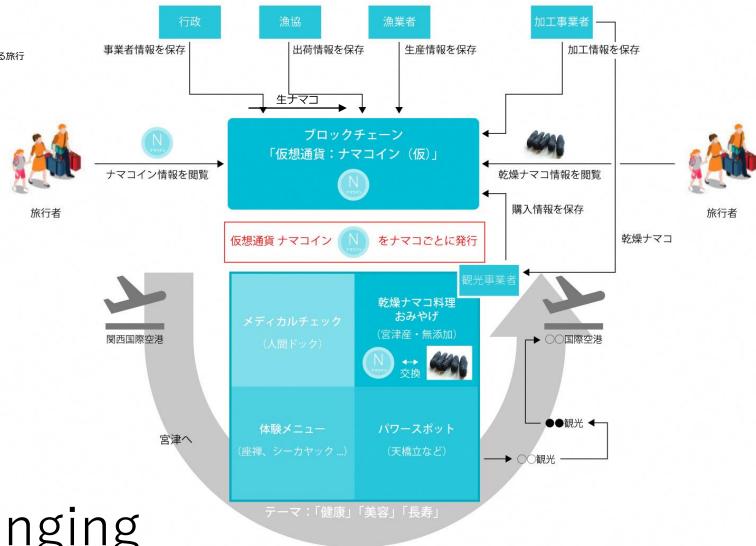
ブロックチェーン技術を活用した地方創生の取組 乾燥ナマコとメディカルツーリズム

自国と異なる国や地域を訪ね医療サービス(診断や治療など)を受ける旅行

イメージ (ドラフト)

ブロックチェーン技術とは… 記録されたデータの改ざんが極めて困難で、仮に改ざんされても、 記録をさかのぼることで特定できる技術

ブロックチェーン技術により、「安心」「信頼」を高度に担保



Now we are arranging to be able to start Nama-koin economy experiment

Invitation to Miyazu

The story continues:

- Next generation cryptography should be researched for next generation blockchain technology
- One of the most important elements for next generation cryptography is "Quantum Cryptography"
- Today, the 1st discussion workshop "Physics Meets Blockchain" is being held in Geneva

 So we would like to invite you to have the next conference in Miyazu next autumn or winter to discuss quantum cryptography and taste namako dishes

