The Role of Deep Seawater in the Blue Economy and Sustainable Development

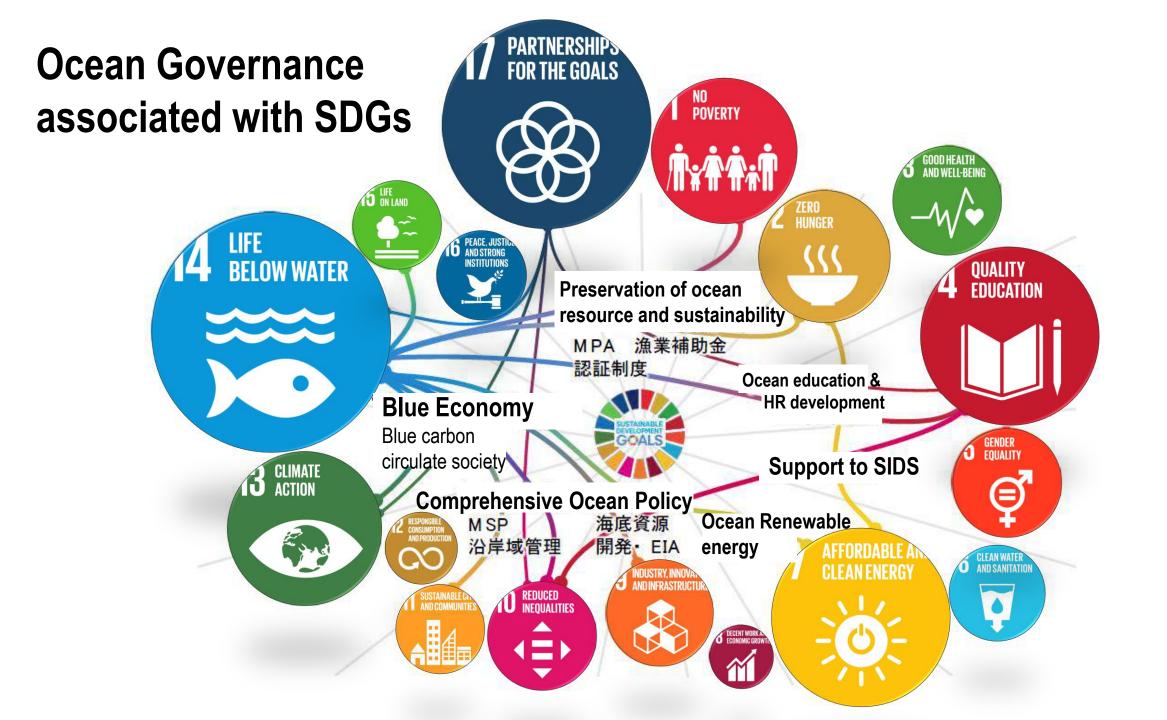
- The 2020 International Deep Sea Water Symposium, Keelung, Taiwan -



SASAKAWA PEACE FOUNDATION

Contents

 SDGs and Deep Seawater • Kumejima (Okinawa) Namerikawa (Toyama) Revitalization and ways forward



SOLUTION: Invest in Sewerage and Wastewater Infrastructure for Coastal Communities

BENEFITS:

Short-term job creation, avoided revenue loss from beach closures, improved societal well-being, reduction in water-borne diseases, improved reef and ecosystem health and reduced greenhouse gas (GHG) emissions SOLUTION: Invest in Coastal and Marine Ecosystem Restoration and Protection

BENEFITS: Short- and long-term job creation, improved societal well-being, improved water quality, improved reef and ecosystem health, wild fish stock recovery, increased coastal resilience and carbon sequestration SOLUTION: Invest in Sustainable Community-Led Non-fed Mariculture

BENEFITS: Short- and long-term job creation, economic diversification for coastal communities, improved livelihoods (particularly for women), improved water quality, wild fish stock recovery, reduced GHG emissions and carbon sequestration

MARICULTURE

SOLUTION: Incentivise Sustainable Ocean-based Renewable Energy

BENEFITS Short- and long-term job creation, new economic opportunities for zero-emission fuel generation, improved local air quality, opportunities for water security through desalination and reduced GHG emissions SOLUTION: Incentivise the Transition to Zero Emission Marine Transport

BENEFITS:

Short- and long-term job creation, indirect long-term job creation in tourism and fisheries sectors, improved local air quality, resilience and reduced GHG emissions and ocean acidification



HIGH LEVEL PANEL for A SUSTAINABLE OCEAN ECONOMY

MARINE

TRANSPORT

Five Priorities for Blue Recovery to the COVID-19

SEWERAGE & WASTE TREATMENT INFRASTRUCTURE COASTAL & MARINE ECOSYSTEMS OCEAN-BASED RENEWABLE ENERGY 大韓民国

東シナ海

黄润

山东

江苏

Kumejima (Okinawa)

Taiwan

福建

安徽

新江

200 km L

河南

日本海

Namerikawa (Toyama)

Japan

Google



OTEC (Ocean Thermal Envergy Conversion) in Kumejima, Okinawa



OTEC and Multiple Use of Deep Sea Water in Kumejima, Okinawa



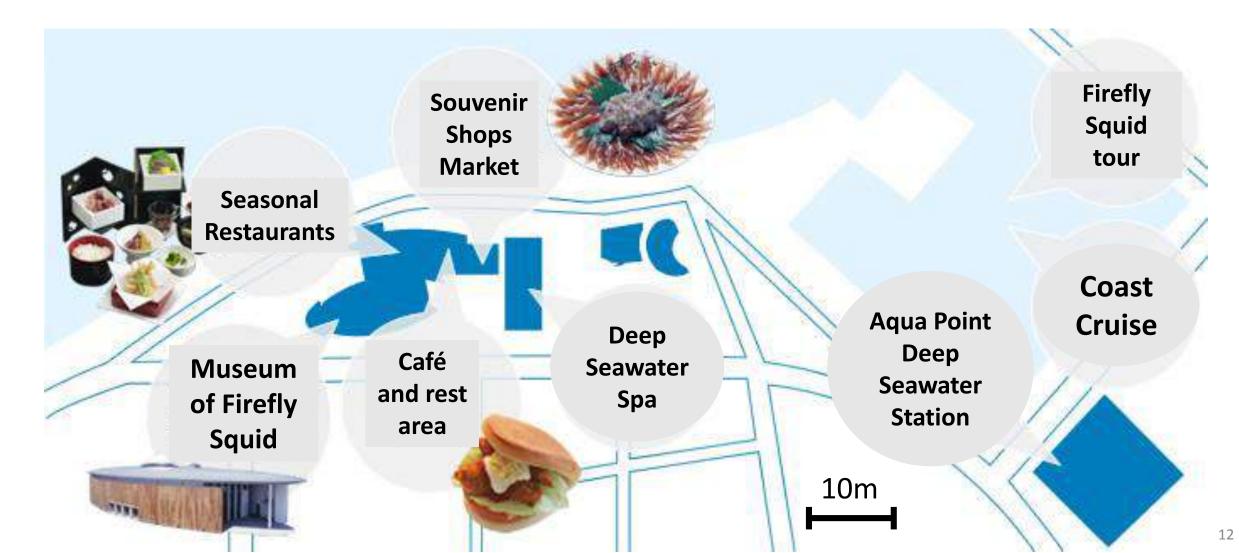
THE OCEAN POLICY RESEARCH INSTITUTE







Namerikawa Deep Seawater Park One stop for all!



Museum of Firefly Squid (est. 1998, renewal in 2017)

Facilities complex operated by





富山湾岸を約40分かけて遊覧します。 富山湾から望む立山連峰の大パノラマ! 標高3,000m級の北アルプスの景色を 皆さま、是非ご観覧ください。

2020年 11月29日日まで運航予定 ●受付/ほたるいかミュージアム ●出発地/滑川漁港

https://hotaruikamuseum.com/

HOTARUIKA

宿内商

01010

AM 8:30~PM 5:00



Hometown pride and love

ほたるいな

ÊŤ

Interactive observation

JI-H

II.

a suite of

がわき出る「深海不思議の泉」 Marine Marin



Ways forward

"Fever" → "Favor"

• "Promotion" \rightarrow "<u>Pride</u>"

"Cramming" → "<u>Creating</u>"

"Sightseeing" → "<u>Fascinating</u>"

Industry: "Fever" → "<u>Favor</u>"

- Provision of value-added chains
- Deep seawater as part of life





Revitalization: "Promotion" \rightarrow "<u>Pride</u>"

- Capacity building and training for person of Wind-like and Earth-like
- Community-driven and cultivating





Education: "Cramming" → "<u>Creating</u>"

Grassroots inspiration

• R&D and Innevation

•Life-time learning

Inclusive venture



Tourism: "Sightseeing" → "*Fascinating*"

- Moments of breathtaking
- Enlightenments





https://www.taiwan.net.tw/m1.aspx?sNo=0001019&lid=080188



2021 United Nations Decade of Ocean Science for Sustainable Development





Thank you!

