

How can ocean energy contribute to a blue economy?

Energy harnessed from the oceans, through offshore renewables, can contribute to the decarbonisation of the power sector and to other end-use applications that are relevant for a blue economy (for example, shipping, cooling and water desalination).

How can insurance support a blue economy?

The blue economy is still in a developmental stage and financial industry support is core to support its growth. Insurers have insights and expertise in risk identification and pricing. With insurance covers, corporates can have more stable financial flows, which can complement and increase the scale of loans that banks offer for blue projects.

Are ocean-related sustainability issues relevant to the insurance industry?

1. Ocean-related sustainability issues are increasingly relevant to the insurance industry. In UNEP FI's recent webinar on the sustainable blue economy with insurance executives, it was evident that sustainability is top of mind and increasingly relevant for the industry.

How can the insurance industry address ocean economy-related issues?

Managing risks and having a positive impact on the environment are two key reasons for the insurance industry to address ocean economy-related issues. "The insurance industry can act as a key enabler for sustainable development," concluded Bacani. "We have a symbiotic relationship with the ocean."

How should a government plan for a blue economy?

Governments should plan the spatial requirements for the blue economy in advance, reserving a space for R&D and commercialisation purposes of ocean energy technologies. In addition, marine spatial planning should go hand in hand with social, economic and environmental impact assessments.

How do countries plan for ocean energy technologies?

Countries must consider adequate and comprehensive marine spatial planning to enable a successful roll-out of ocean energy technologies. Governments should plan the spatial requirements for the blue economy in advance, reserving a space for R&D and commercialisation purposes of ocean energy technologies.

The support from Wave Energy Scotland enabled Mocean to develop the Blue X - a prototype model for extensive testing in real sea conditions. In spring 2021, Mocean shipped the Blue X to the European Marine Energy Centre (EMEC) in Orkney, the world's first and leading open-sea test facility for wave and tidal energy devices.

In fact, a report by Aon found 40% of the energy sector utilizes captive insurance with another 10%

considering pursuing captive insurance. As more companies adopt captive insurance solutions, we ...

It has attracted growing international attention to blue carbon policy as a climate change mitigation measure to reduce CO₂ emissions from ships, marine renewable energy development projects, and ocean-based capture and storage projects since 82% of global carbon deposits are stored in the ocean [26]. Several countries and organizations have ...

Many ocean energy technologies have reached a critical moment in their development: the demonstration phase, where pilot farms/plants are put in the water. This phase requires higher levels of investment than RD&I prototypes, alongside the usual challenges associated with innovative technologies. Access to finance is crucial to de-risk ocean energy technologies and ...

Blue Ocean Energy Company has formed a complementary industry investment pattern with energy investment as the traction and trade as the extension; real estate development as the leader and business as the supporting; and chain education as the foundation and service as the expansion. ... and its storage projects exceed 6000MW wind power. Home ...

Contents1 Advancing Energy Storage for Ocean Energy: A Comprehensive Overview1.1 Introduction2 Historical Background3 Key Concepts and Definitions4 Main Discussion Points4.1 Types of energy storage technologies for ocean energy4.2 Advancements in energy storage for ocean energy4.3 Integration of energy storage with ocean energy systems5 ...

This study aims to identify and rank the factors affecting the designing of an innovative strategy based on blue ocean strategy approach. Therefore, the Iranian insurance industry has been selected as a statistical population. One hundred fifty employees including managers of the branches and the province, experts, representatives, senior experts and staff ...

Governments should plan the spatial requirements for the blue economy in advance, reserving a space for R&D and commercialisation purposes of ocean energy technologies. In addition, ...

Travelers offers a mix of energy insurance products and services that continually evolve to help support and advance this dynamic market - now and for the future. ... Ocean roiling, boat traveling through wind farm, oil tanker on road, solar field, birds flying ... Resources for the Energy Industry Lithium-Ion Battery Energy Storage Systems ...

To successfully master the energy transition, reliable energy storage systems are a must to provide the necessary supply stability. This opens up attractive growth opportunities for solution providers - but also requires huge investments, whose profitability depends on the long-term performance of assets.

Tackling one of the significant risks linked to investments in carbon capture and storage (CCS) projects,

global insurance company Marsh has introduced an innovative insurance solution designed to safeguard against the risks tied to these initiatives.. The insurance organization developed the new offering in collaboration with its Energy & Power team, with ...

Ocean cargo insurance is a crucial aspect of international trade. It provides protection against various risks that can occur during the transportation of goods by sea. In this comprehensive guide, we will dive deep into the world of ocean cargo insurance, exploring its definition, importance, key terms, types, evaluating your insurance needs, choosing a provider, and ...

Blue economic growth is also expected to establish new risk pools: for example, marine carbon sink index insurance or nature-based insurance solutions to protect marine ecosystems. Advanced risk transfer solutions to support the blue economy are still evolving.

3. Stitch Fix - a blue ocean example in the fashion retail industry. 4. HealthMedia - a blue ocean strategy example in healthcare. 5. Nickel - a blue ocean in the fintech industry. 6. Yellow Tail - a blue ocean example in the wine industry. 7. Cirque du ...

the storage and distribution of the solar energy absorbed by the importance for the insurance industry as the growing blue economy OCEAN RISK AND THE INSURANCE INDUSTRY OCEAN RISK AND ...

This study seeks to assess the impacts of the Blue Ocean Strategy (BOC) on creativity in the Iranian insurance industry. Insurance companies have engaged in a bloody race in Iran without considering the specific, crucial components of the service industry, leading to a red ocean in the insurance industry. Hence, it is essential to adopt innovation strategies and ...

power untethered to land-based power grids, demanding new approaches to onboard energy generation and storage as well as reliable remote recharging. Closer to shore, remote coastal ...

In supporting sustainable shipping activities and the application of new energy in the shipping industry, insurance solutions that can help with reducing carbon emissions are ...

The insurance fund will mitigate the early risks of innovative ocean energy projects, for which investors typically demand returns of 10-12%. Access to project finance is a significant ...

Oceans are the largest collector of solar energy on the earth's surface. Considering oceans cover more than 70% of the earth's surface, the amount of energy stored by the oceans is enormous. The energy can be ...

Contents1 Introduction2 Historical Background:3 Key Concepts and Definitions:4 Main Discussion Points4.1 Point: Overview of different types of ocean energy technologies:4.2 Point: Analysis of the economic

opportunities and benefits:4.3 Point: Environmental and sustainability considerations:5 Case Studies or Examples6 Current Trends ...

The development of the wind and battery storage markets and the role of insurance can be compared, writes Grimston. Image: CC. We can compare the early days of the wind turbine market and battery storage today in terms of its path to maturity, emerging issues and the role that insurance has to play, writes Charley Grimston, executive chairman, Altelium.

Oceans contain vast renewable energy potential - theoretically equivalent to more than double the world's current electricity demand. Nascent ocean energy technologies could cut carbon dioxide (CO₂) emissions from power generation and help to ensure a sustainable, climate-safe energy future. Alongside other offshore renewable energy ...

The aim of the new insurance fund, for which the work is already underway, is to slash the costs of the first commercial projects and accelerate the roll-out of ocean energy industry. A well-designed insurance fund will mitigate the early risks of innovative ocean energy projects, for which investors typically demand returns of 10-12%.

Lowering Energy Costs Since 2008. Blue Ocean Energy Management was founded in 2008 by Uffe Bo Petersen, Bill Curra and Alison Petersen. Their combined 40+ years of energy experience in the complementary fields of energy trading, engineering and real-estate, is an advantaged background to navigate the complexities of today's energy environment.

Lowering Energy Costs Since 2009. Blue Ocean Energy Management was founded in 2009 by Uffe Bo Petersen, Bill Curra and Alison Petersen. Their combined 50+ years of energy experience in the complementary fields of energy trading, engineering and real-estate, is an advantaged background to navigate the complexities of today's energy environment.

Look at the KYC technologies that are replacing the need for face-to-face interactions. In reality, as pointed out by Professors Kim and Mauborgne in "Blue Ocean Shift," the sequel to their global best seller "Blue Ocean Strategy," a focus on disruption is limiting and leaves half the opportunities to create growth and markets off the table.

Blue power: there is an ocean of marine energy possibilities. ... and such delay can reduce the need for storage from 30 to 50%," explains the scientist. The North Sea has a three to four-hour delay between wind and wave peak energy production. ... the European Union set targets for ocean energy, with at least 1GW capacity installed by 2030 ...

With access and ownership to storage and blending equipment in hubs around the world, Blue Ocean Energy is able to respond quickly to all kinds of demands for low and high Sulphur bunker, as well as for heavy fuel

for power generation from 0.3% to 3.5% of Sulphur content.

The wave and tidal energy sector is set for a significant jump in installed capacity. The European Commission will coordinate with national governments to fund 100MW of ocean energy by 2025, and 1GW by 2030 the UK, the government has signalled a strong interest in ring-fencing 100MW exclusively for ocean energy, in its forthcoming "Contracts for ...

The report looks at the energy needs of different ocean economy sectors to see where demand exists and may be growing. We assess groundbreaking energy innovations to date--the sail-to-steam transition, improved energy storage mechanisms and the development of offshore wind--to better understand their initial and ongoing effects on blue ...

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