

# Sustainable Blue Economy in Green Port

A Novel Method for Protecting the Ports and Seas in a Sustainable, Beneficial, and Equitable Way

## Introduction

The attendees of this Sustainable Blue Economy in Green Port Training Course will leave with the most up-to-date practical understanding of the significance of preserving the Blue Economy as a means of preserving ecosystems and biodiversity. Almost 75 percent of the Earth's surface is made up of oceans. It is thought to be the habitat of almost half of all life on Earth. Disregarding these facts will provide the erroneous impression that they are an endless supply. Because of this, the ocean's problems are essential to the majority of SDGs and the transition to an inclusive green economy, which is necessary for them to succeed.

The attendees will gain a great foundation from this engaging Green Port Sustainable Blue Economy training course, which highlights the flexibility and diversity of the blue economy concept and offers workable, real-world examples that can be applied at various levels for communities, nations, and regions. The delegates will learn about the advantages of establishing the blue economy on coastal areas and islands through the training course syllabus.

**The following will be covered in this Course N Carry Sustainable Blue Economy in Green Port training course:**

- The Blue Economy's History
- Enhancing the Marine Environment vs. Putting the Blue Economy into Practice
- Criteria for Artisanal Fisheries to fulfil Blue Economy obligations
- Improvements in the Tourism Industry and the Blue Economy
- The distinction between ocean-based renewable energy sources, inclusive tourism, marine transportation, and the blue economy

## Objectives

The major goal of this Sustainable Blue Economy in Green Port Training Course is to give delegates the knowledge and values they need to investigate how their nations might profit from the Sustainable Blue Economy in terms of the well-being and lives of those who live on islands and in coastal areas.

**After completing this training programme on the Sustainable Blue Economy in Green Port, learners will be able to:**

- Describe the idea of the "blue economy."
- Explain its beginnings and how it relates to the Blue Growth.
- Describe the distinctions between the concepts of the blue economy and the green economy.
- Acknowledge the significance of managing marine resources in a sustainable manner.
- Describe the Blue Economy's financial advantages.
- What is the connection between sustainable development and the Blue Economy?
- Name the main dangers to the marine ecology that you believe exist.
- Describe the ways in which the marine environment might help countries.
- Describe the Blue Economy's potential benefits for the fishing sector.

## **Training Methodology**

A range of tried-and-true professional learning strategies will be employed in this Sustainable Blue Economy Green Port training course to guarantee that the material is understood, comprehended, and retained to the fullest. The brainstorming process will be very participatory and collaborative. This calls for frequent communication between the course director and the delegates. The participant will receive comprehensive knowledge from the training course through the use of in-depth text, real-world case studies, images, and video animation.

## **Organizational impacts**

The attendees of this fascinating Sustainable Blue Economy in Green Port training course will learn about the commercial and business opportunities available to developing nations so they can share in the resources of the blue economy and develop it sustainably. This is especially important for coastal nations, where the fishing and tourism sectors are regarded as one of the primary sources of national income.

## **Personal Impact**

**Attendees of the Sustainable Blue Economy in Green Port training course will learn the following, which will provide them with the knowledge and most useful implementation strategies for the Sustainable Blue Economy:**

- Opportunities for commerce and business are given to underdeveloped nations so they can build the Blue Economy sustainably.
- Three essential components of sustainable development
- Gain from a proactive and successful environmental non-governmental organisation community.
- Worldwide, eco-labeling programmes
- Positive Effects of Tourism on the Blue Economy

- Renewable energy sources derived from the ocean Addressing the challenge of promoting a Blue Economy

## Who should attend?

**A wide range of professionals can profit from this Course N Carry Sustainable Blue Economy in Green Port training course, however the following are the main advantages:**

- Officials in Government Coastal Control
- Improved Tourism Industry Planners & Consultants
- Individuals engaged in enforcing local environmental regulations and guidelines
- Individuals in charge of putting ocean-based renewable energy sources into practice
- Personnel in charge of fishing ports
- Entrepreneurs searching for fresh chances in the field of marine biotechnology.
- Marine science, technology, engineering, and biology students.
- Individuals drawn to marine biotechnology

## Course Outline

### Day 1

#### The Blue Economy's historical context

- The Blue Economy's inception
- United Nations Conference on Sustainable Development
- Following Rio+20 Conference
- Three essential components of sustainable development
- The Blue Economy's guiding principles, which are accepted by states worldwide

### Day 2

#### The Watery World

- The Ocean and the Seas (Research)
- Principal dangers facing the marine ecosystem
- Gain from a proactive and successful environmental non-governmental organisation community.
- Possibilities for nations to engage in mariculture and hydrocarbon exploration
- The foundation of SIDS is the preservation of the marine environment.

## Day 3

### Aquaculture and Fisheries

- The Small Island Developing States Artisanal Fisheries requirement to meet a Blue Economy activity heavily relies on marine fisheries.
- Significant obstacles to sustainability
- Worldwide, eco-labeling programmes
- Advantages of industrial fishing for nearby areas
- The potential for aquaculture to contribute to the Blue Economy

## Day 4

### The relationship between the development of the tourism industry and the blue economy

- The Blue Economy's Benefits for Tourism
- Positive Effects of Tourism on the Blue Economy
- An overview of the tourism sector in the SIDS
- Marine Tourism Managing Coastal Tourism Presents Challenges Distinguishing Inclusive from Sustainable Tourism

## Day 5

### Renewable Energy Sources Located in the Ocean

- Wave Power and Offshore Wind Power
- The Blue Economy, Ocean Thermal Energy Conversion (OTEC), Tidal Energy, Marine Current, and Marine Transportation
- Ports for Industry and Fishing
- Addressing the difficulty of promoting a blue economy
- One of the main drivers of the Blue Economy is the commercial fishing industry.