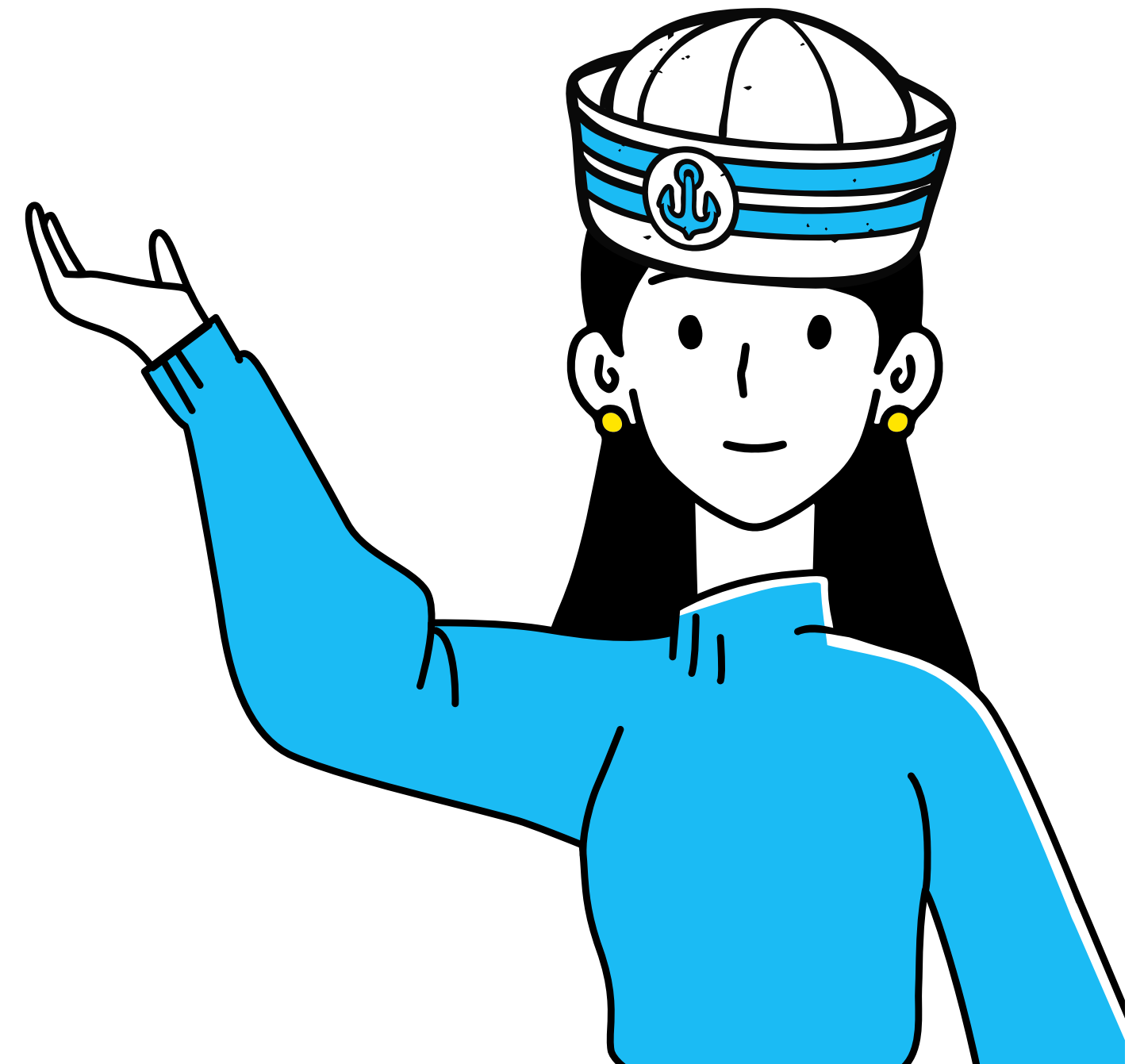


# Blue Economy training course

30 minutes reading  
about  
careers in  
Fisheries,  
Aquaculture and  
Processing Sector



# Overview of the Blue Economy



Fisheries, aquaculture and processing



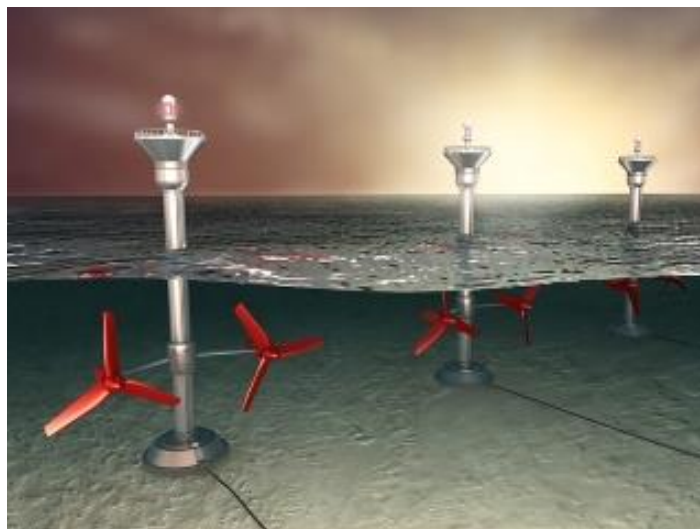
Coastal and maritime tourism



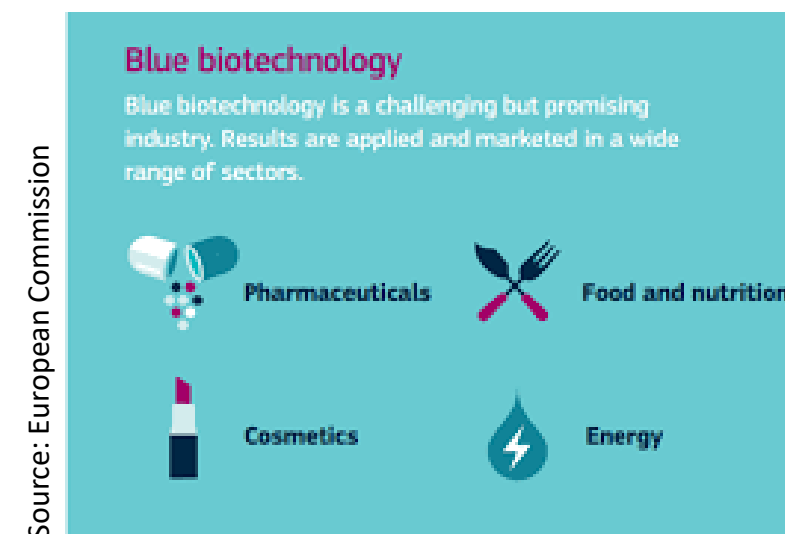
Maritime transport, ports and shipbuilding



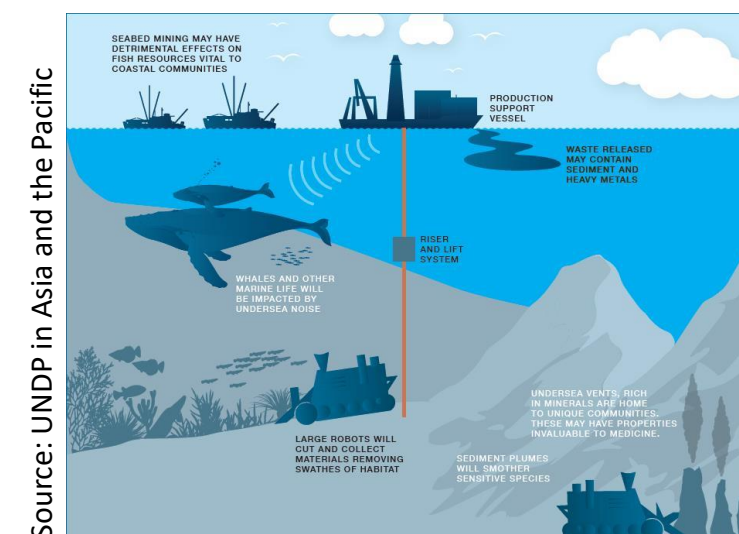
Marine extraction of oil, gas and minerals



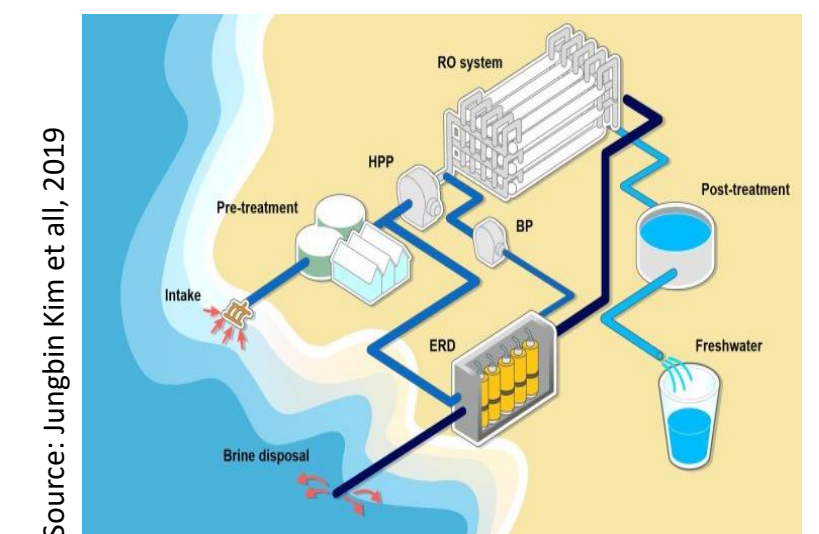
Offshore wind and ocean energy



Blue biotechnology



Deep-sea mining



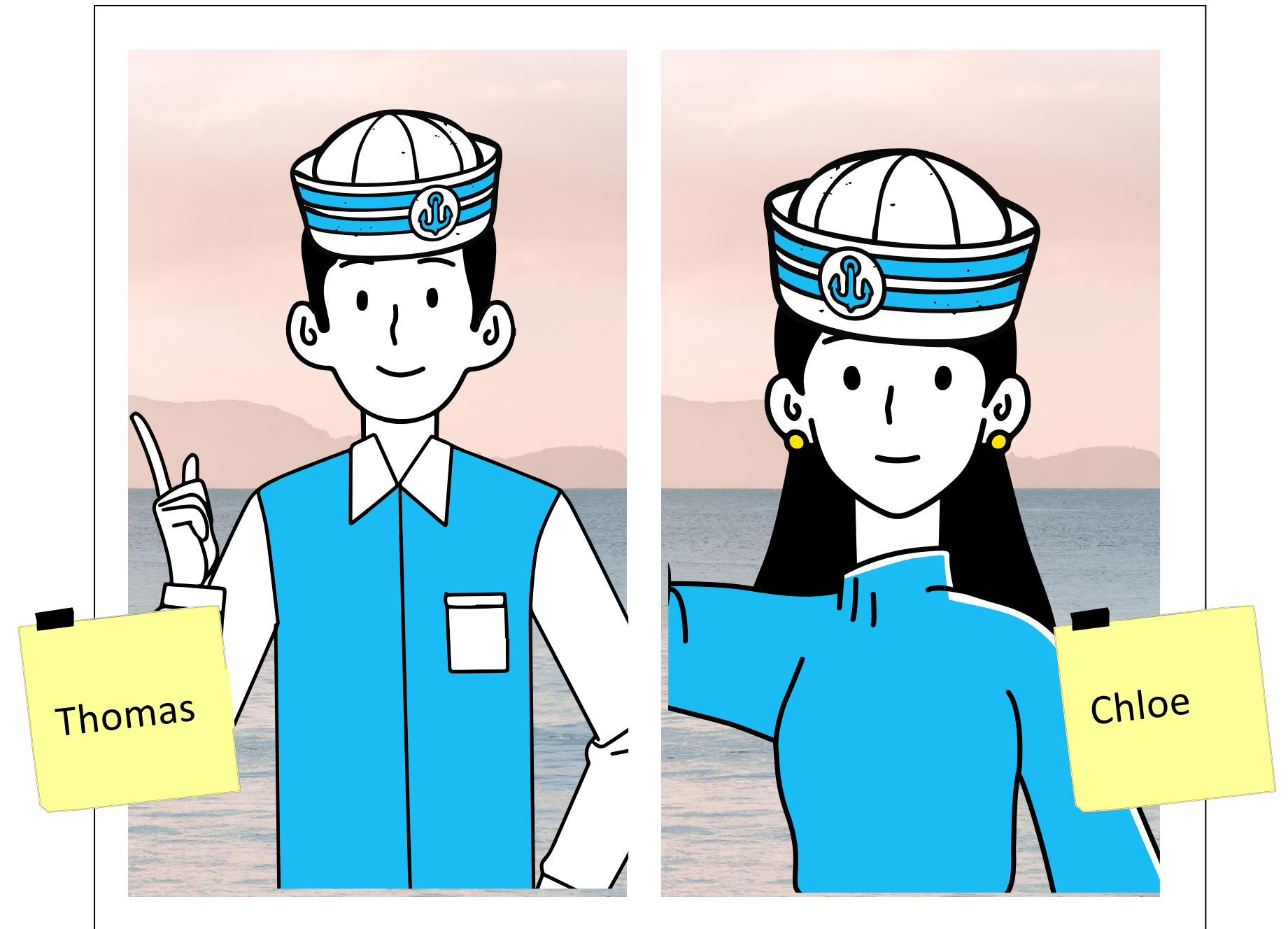
Desalination



# Sector: Fisheries, aquaculture and processing

**Upon completing this module,  
you will be able to:**

- Identify different sectors related to marine living resources
- Describe different jobs that are available in the fisheries, aquaculture and processing sectors
- Present career paths into the sector
- Propose trans-sectoral working possibilities





# Is this for me?

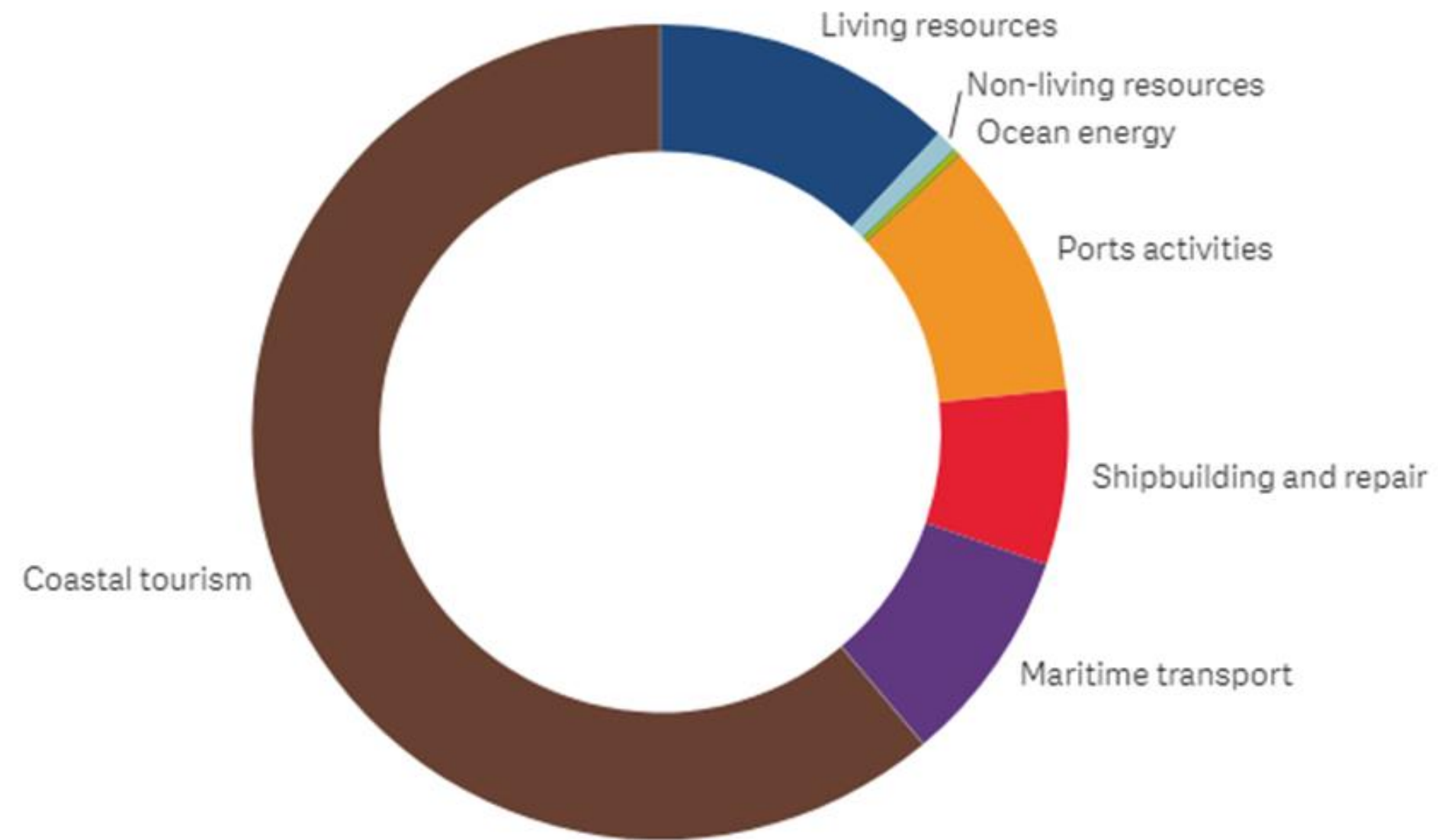
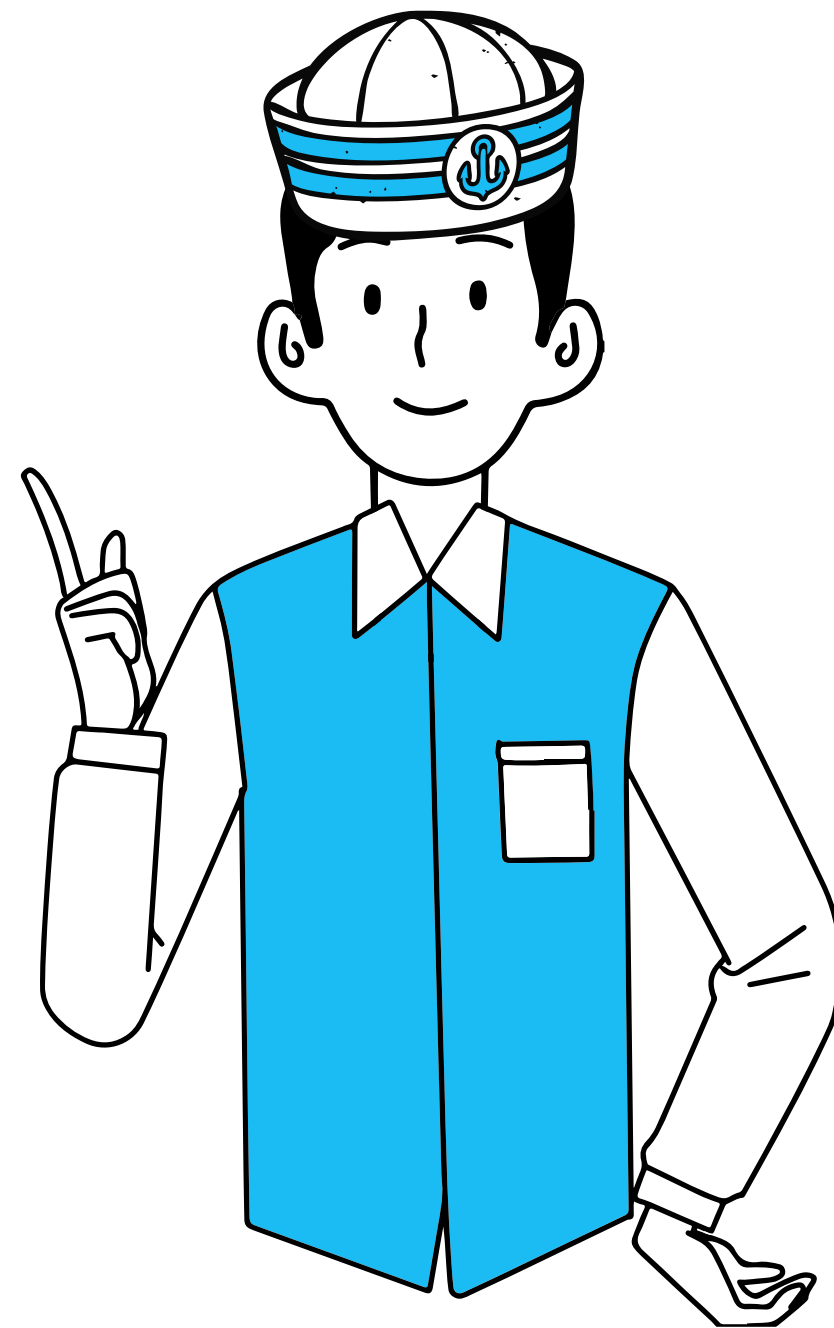


Source: <https://www.pngwing.com/>

INTEGRATED SUPPLY CHAIN

## \*From net to fork\*

# Fisheries, aquaculture and processing



Fisheries, Aquaculture and Processing is the second most important sector in the EU Blue Economy!



# Main subsectors



**Primary Sector**



**Processing**



**Distribution**

# Career opportunities in the sector: Fisheries, aquaculture and processing

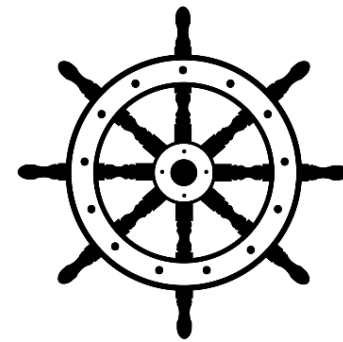


What shall  
I do to get  
a job?

# Blue careers

1

## Onboard



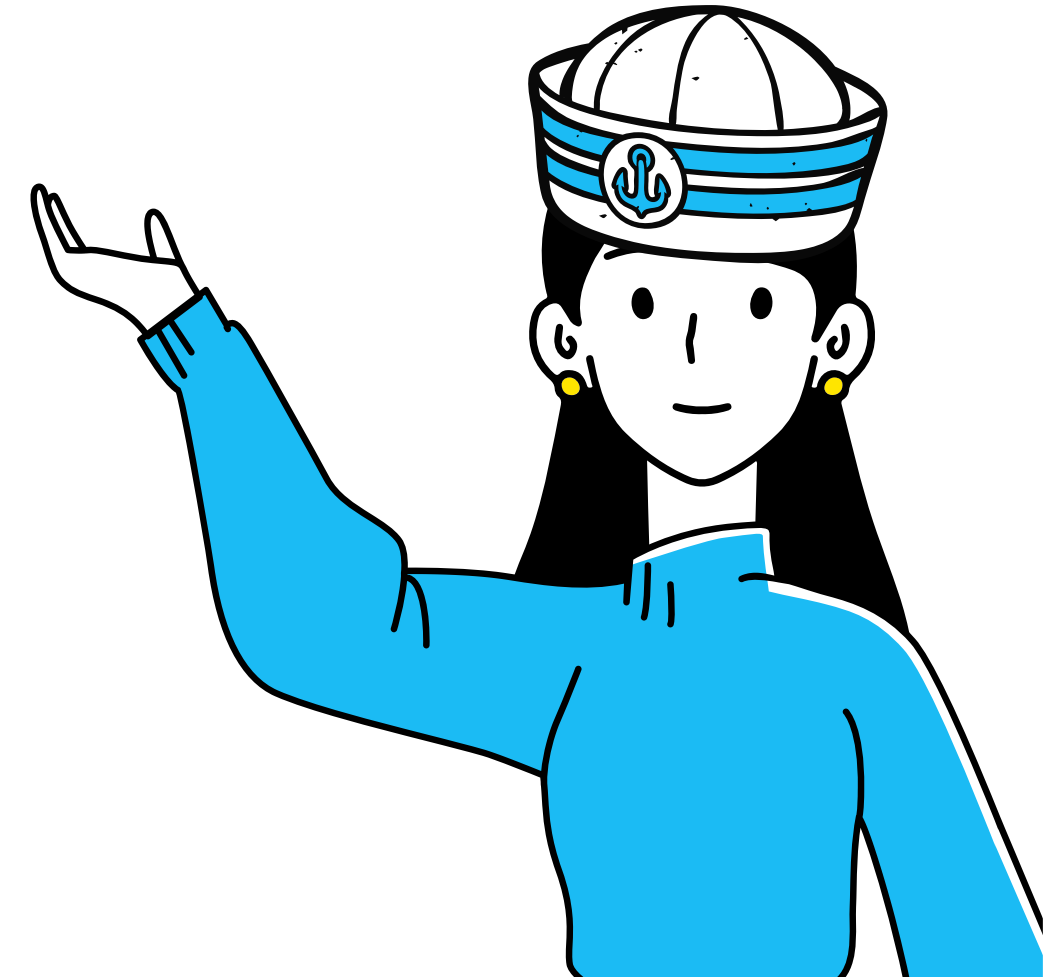
- Primary production sector
- Fisheries
- Marine aquaculture
- Distribution

2

## Land-based



- Continental Aquaculture
- Processing
- Sales and distribution of fish products





# Types of fishing boats



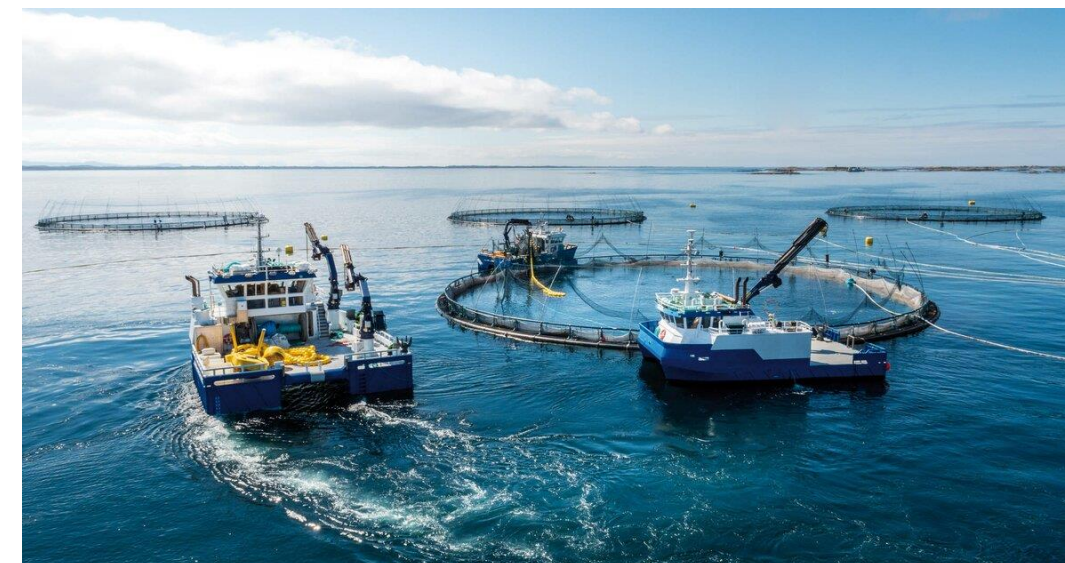
Fishing Boats



Fishing charters



Live fish carriers

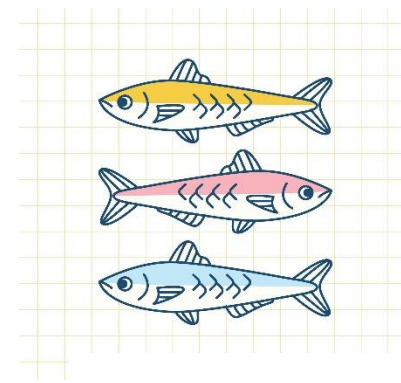


Service vessels

# Careers in primary sectors - production

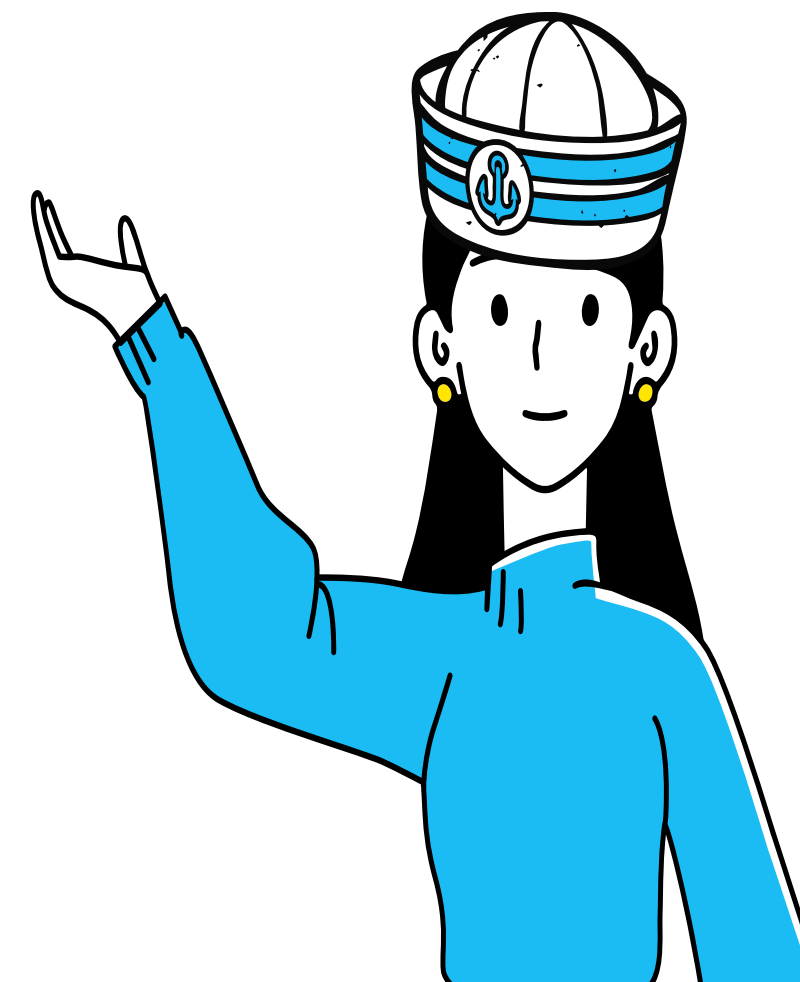


**Fisheries Sector**

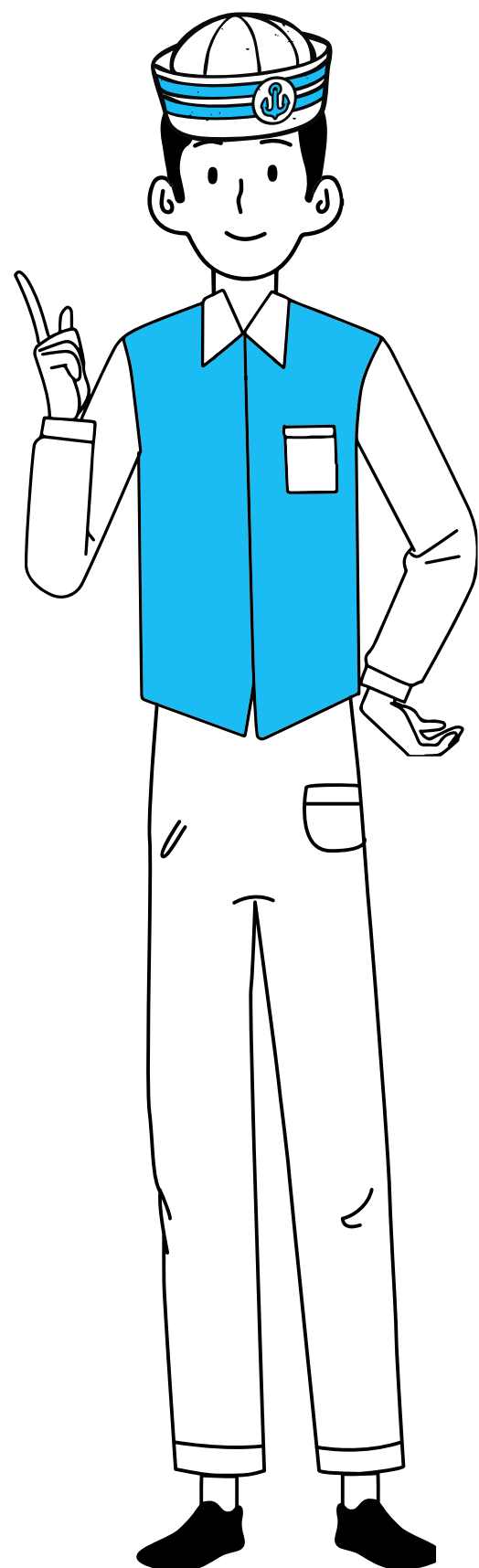


**Aquaculture**

Ordinary Seaman	Chief Engineer	Technician in quality control laboratory of fishing products	Tourist Guide (in windfarms and aquaculture)	Aquaculture Reproduction Technician	Environmental Technician for Aquaculture
Deck Officer	Chief Officer	Coastal Zone Management Specialist	Installer and Maintainer of Aquaculture Facilities	Hatchery Manager	Ichthyologist
Fishing Charter Operator	HVAC Technician - Fishing	Hydro-biologist	Fishing Harvesting Crew	Seasonal Aquaculture Worker	Aquaculture Engineer







# Careers in processing sector

Seafood  
processing  
worker

Technician in quality  
control laboratory of  
fishing products

Warehouse  
manager

Shift Supervisor

HVAC Engineer



# Careers in distribution of fish products

Fleet manager

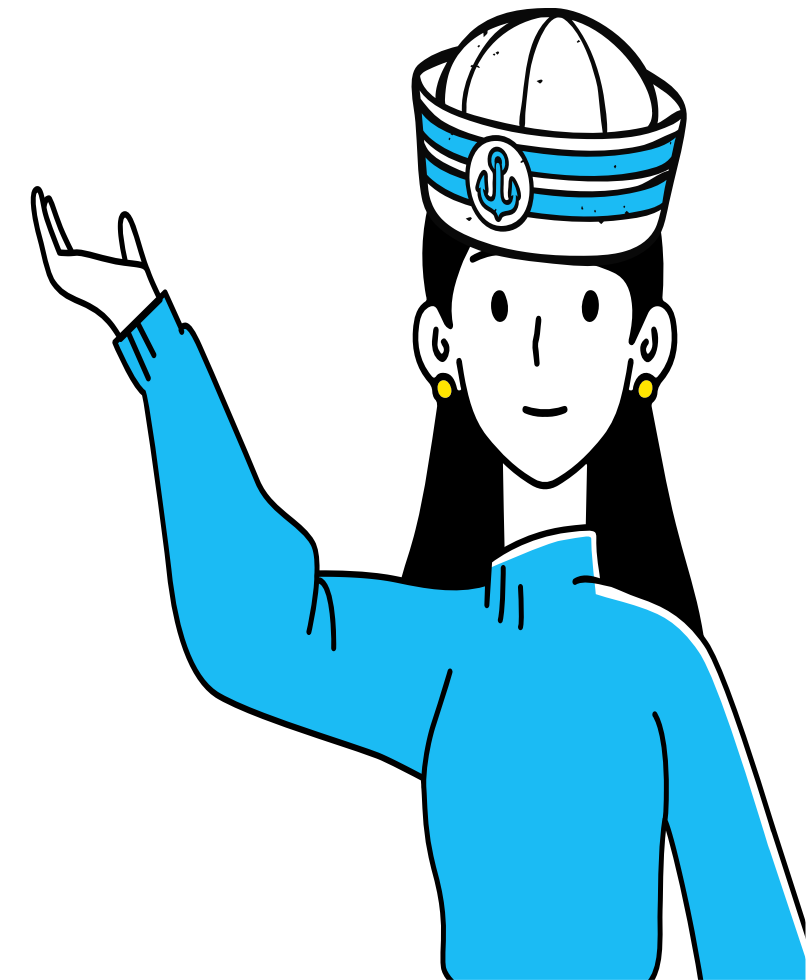
Fish Market  
Salesman

Fleet  
Superintendent

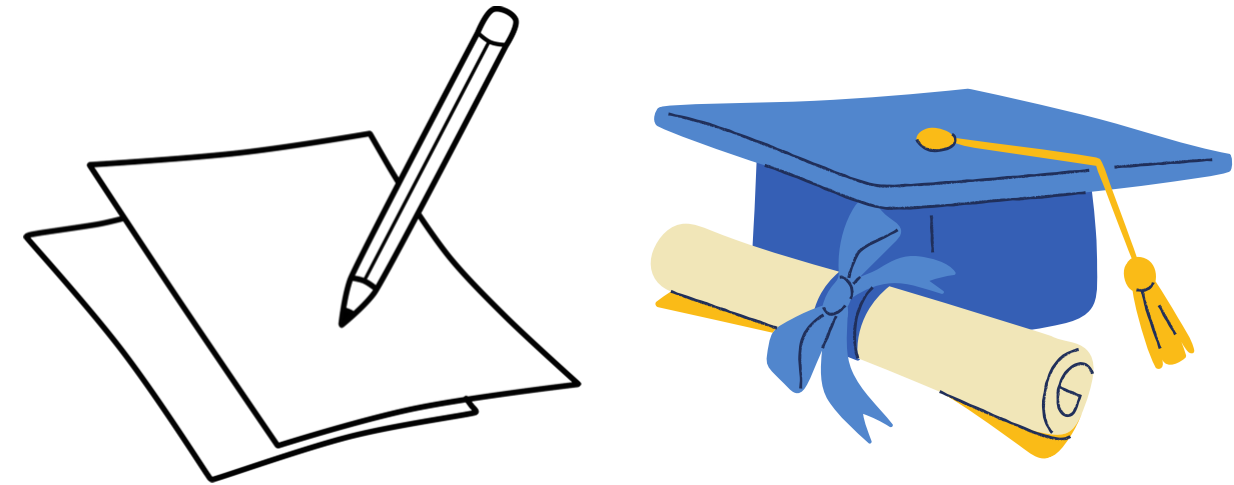
HVAC engineer

Technician in  
quality control  
laboratory of  
fishing products

Warehouse  
Manager



# Education and training



1

## **Wageningen University & Research**

Droevendaalsesteeg 4, 6708 PB Wageningen, The Netherlands

Courses Accredited: Aquatic Ecology

<https://www.wur.nl/en.htm>

2

## **Pukyong National University**

45, Yongso-ro, Nam-Gu. Busan, Korea

Courses Accredited: Training for Fisheries and Marine Science

<https://fishsci.pknu.ac.kr/eng/index.do>

3

## **Hellenic Centre for Marine Research**

46,7 km Athens Sounio ave .P.O. Box 712, P.C. 19013 Anavyssos, Attiki Greece

Courses Accredited: Biotechnology and Aquaculture

<https://www.hcmr.gr/en/>



# Career path

What are the types of career routes that can be explored?

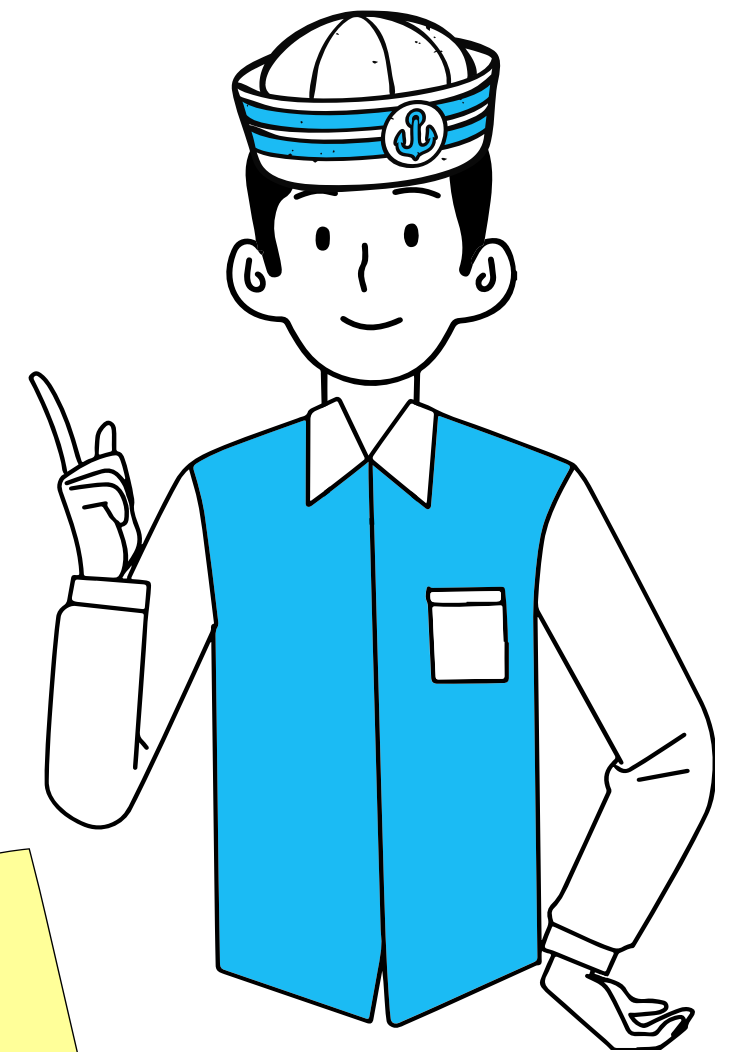
Processing

Fisheries

Distribution

Aquaculture

Others



Co-funded by the  
Erasmus+ Programme  
of the European Union



**TEAM 4**  
excellence

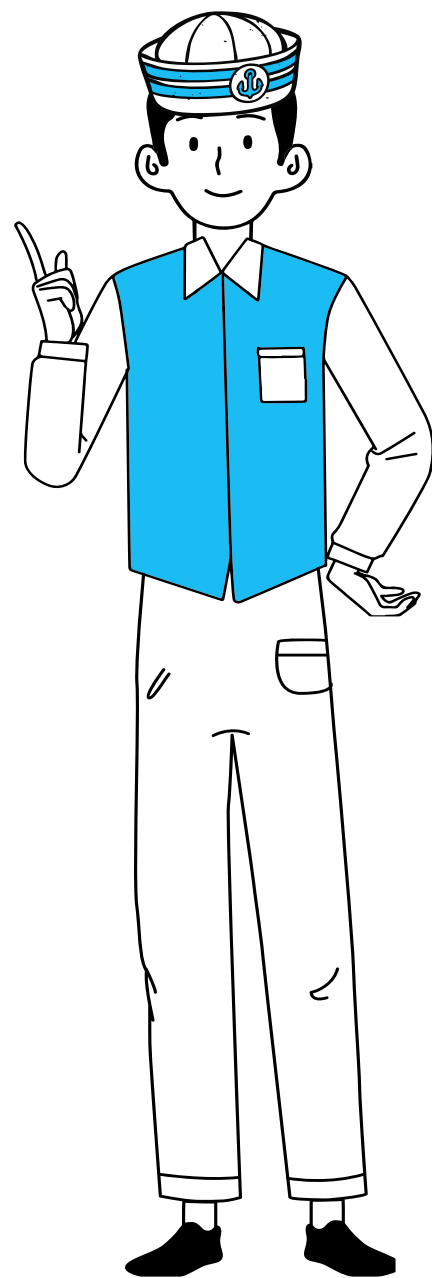


**SEA TEACH**





# Facts and figures



## Most cultivated species

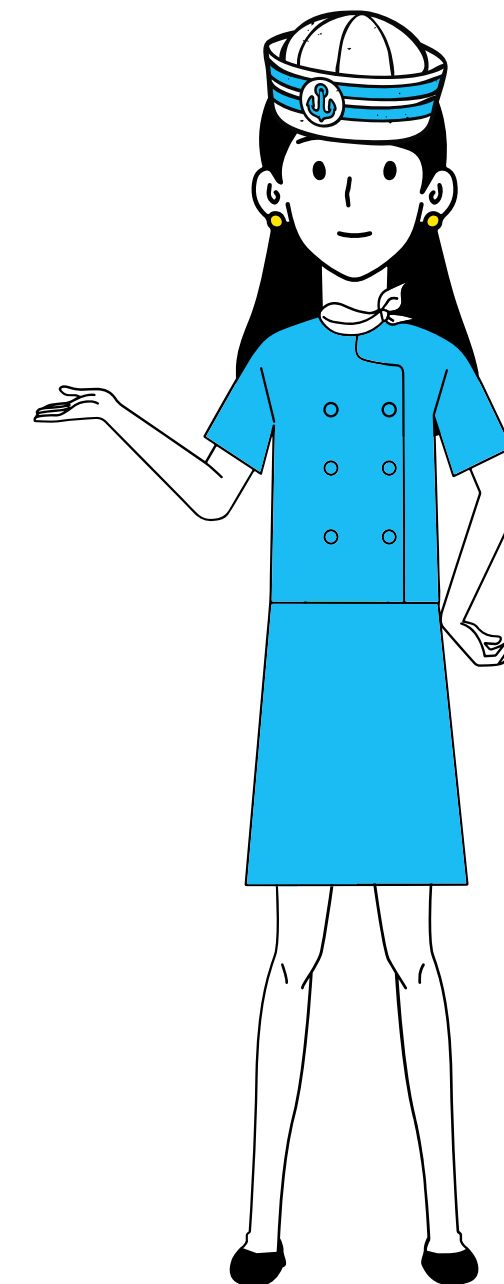


- Did you know that the most cultivated species in aquaculture in the European Union are mussels, salmon, trout and oysters?

## EU fisheries production

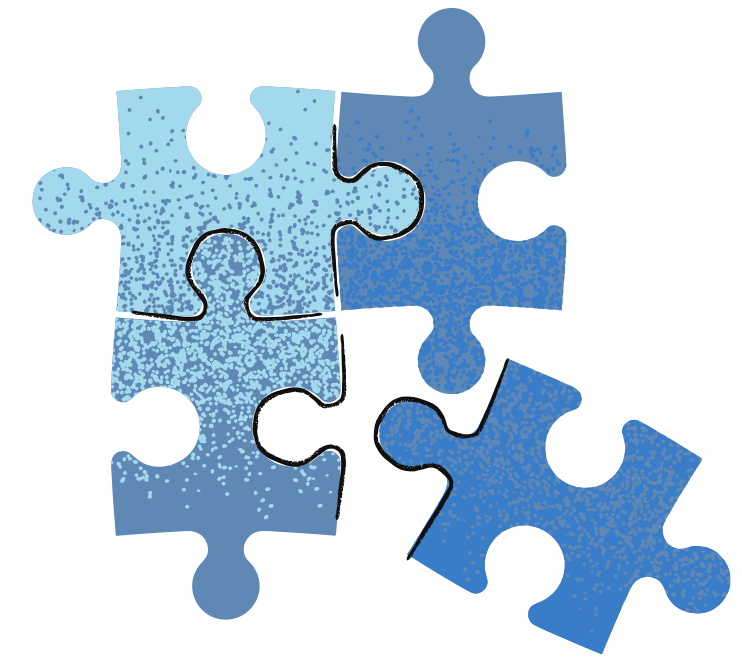


- Approximately 50% of all the production of fisheries and aquaculture in the EU comes from only 3 countries: Spain, France and Denmark.



# To sum up

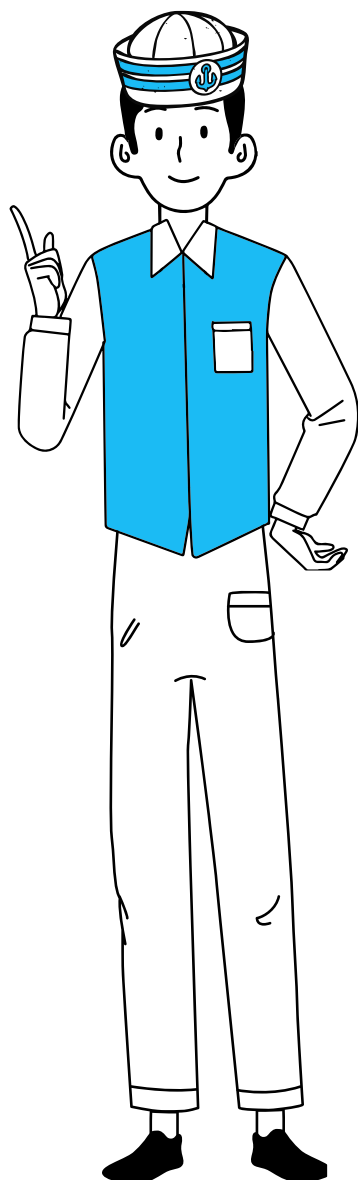
- The sectors in the field of marine living resources, include: production sector from fisheries or aquaculture, the processing sector and the sales and distribution sector.
- The occupations in these sectors are available onboard ships, as well as land-based.
- There are trans-sectoral working possibilities for professionals in these sectors. Undergoing the right training and having the correct qualifications are essential if you want to move to maritime jobs in other sectors.



"It is not the ship so much as the skillful sailing that assures the prosperous voyage."

*George William Curtis*

# Thank you!



This work has received funding from the European Commission under Grant Agreement 2020-1-RO01-KA202-080397, ERASMUS+ Strategic Partnership project "Career Guidance in Blue Economy".



Are you ready to test your knowledge?

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