# A BlueBoard Webinar: How Can We Achieve Our Vision for Blue Education?

4 June, 14:30h – 15:30h CET

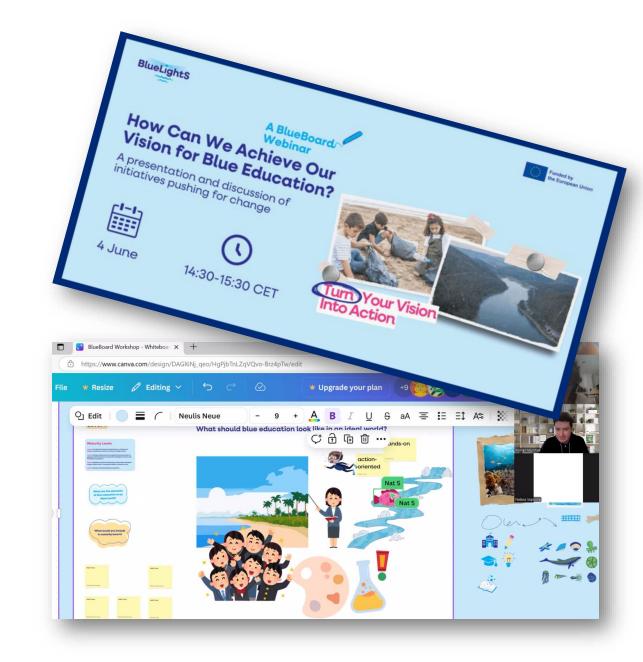




# **Agenda**

- **Welcome & introduction**
- Reflecting on the outcomes of the previous workshop
- Tools & Resources to Bring the Vision to Life
  - Upcoming e-training opportunity
  - Insights from sister projects: ProBleu & SHORE
  - Network of European Blue Schools & resource sharing (EMSEA)
  - Role of water sports in advancing blue education (project OSES)
- **Q&A** and Discussion
- Closing remarks







# The BlueLightS project:

- European collaboration between 16 partners
- Expand and broaden ocean and water literacy programs for primary, secondary and VET schools within the European Union and in the Associated Countries
- Increase the number of blue schools & create school projects
- Provide funding for school projects
- Bring together stakeholders, actors in blue education
- Create synergies with sister projects: Probleu and SHORE







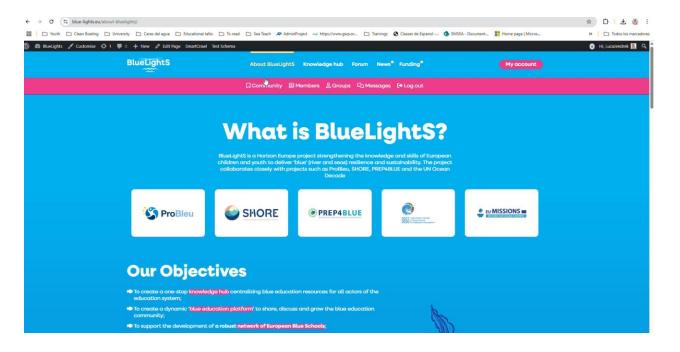


## The Blue Education Platform

- Diverse, user-friendly, engaging & active
- Knowledge Hub to learn and share
- Forum to discuss and exchange
- Members wall & messaging for networking
- News & Events to keep you updated
- Funding page: BlueLightS, Probleu, SHORE



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor CINEA can be held responsible for them.



www.blue-lights.eu



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# **Previously...**

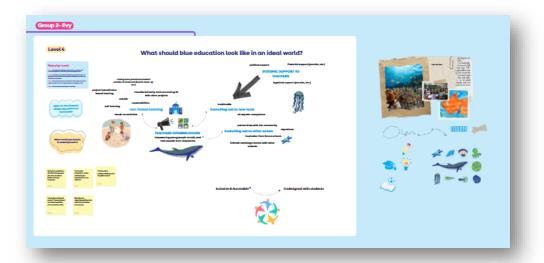
- Outdoor & hands-on projects
- Action-oriented, non-formal learning
- "you can find everywhere a connection with the sea"
- Uniting power of blue education
- Systematic support for teachers
- Branching out to other actors
- Curriculum regularly updated & co-designed with students
- Involvement of freshwater contexts
- ...and many more!



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"What should blue education look like in an ideal world?"







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# IDEC& blue challenges for schools



Main target group



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training, consulting and high technology company,

founded by SME consultants with extensive experience in training and industry



Blue Schools (Educators & Students)



# IDEC & Infoday for schools

- The "Call for Blue Challenges" Info Day is scheduled for the 8th of June 2025 at 3pm CEST
- Link for the online event will be announced on the Blue Education Platform!
- Until then, you may find the application form as well as the relevant guidelines here https://blue-lights.eu/grants-for-schools/







# IDEC & e-training course



- A free asynchronous online training course
- Available from summer 2025 initially in English and then in all partner languages
- It will go through 3 phases of pilot testing until it is finalised in December 2026
- It will include interactive exercises and different types of evaluation of the training material
- The big picture: Raising awareness of the educational community on Marine & Aquatic education (sea & oceans, rivers, lakes, waterfalls etc)
- Target group: primary, secondary and VET teachers and education staff involved in the development and management of the Study Guides





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# ProBleu

Promoting water and ocean literacy in school communities

Become a Blue School!



Eli Bonfill









**RESTORE OUR OCEAN & WATERS** 







### **About ProBleu**



To mobilise and engage students and schools in relation to the EU mission "Restore our Ocean and Waters by 2030"



To enhance the sense of stewardship towards oceans and waters among children, youth and teachers.



To grow the Network of European Blue Schools, bringing ocean and water literacy into the classroom.



Supporting school initiatives through 4 funding calls over three years, offering up to €10,000 to innovative projects: +630 schools from 44 countries have applied for grants, with 79 school projects funded in 31 countries.















# Get inspired by our funded projects!



https://probleu.school/funded-schools/

#### Col·legi Santa Magdalena Sofia

December 30th, 2024



#### Comparative Evolution of Marine Ecosystems in Biofouling Traps

Palma de Mallorca, Spain

2nd FUNDING CALL

(BIOTRAPS) project aims to integrate ocean literacy into the curriculum, educating students about the oceans' importance, blockwestly, and environmental challenges.

The BIOTRAPS project involves several key objectives:

- Citizen Science and Collaboration: Students will engage in citizen science activities and collaborate with scientific entities, collecting data and contributing to engoing research.
- Practical Application of Knowledge: Students will apply theoretical knowledge through practical activities, such as creating and observing biofouring traps.
- Active Student Participation: Encouraging active student involvement in creating and observing ecosystems, fistering curiosity and practical experience.
- Collaboration Behaven Educational Centers: Collaborating with other schools, including Blue School, to compare natural and anthropogenic environments and understand human impacts on mainter according to.

#### Kaleti Music and Art School

April 3rd, 2025



#### Shrek kids - swamp inhabitants

#### Kalēti, Latvia

3rd FUNDING CALL

The "Shrek Kids – Swamp Inhabitants" project to an inspiring initiative that things students face-to-face with the workdars of their local ecosystem, specifically the Dunibas Marsh. This year-long adventure continues scientific inquiry, hands-on environment action, and oreative expression to feater a deep understanding of welfand environments. It's a project that showcases the power of experiential learning and community angagement, and we're oxided to share its journey.

Objectives: Nurturing Swamp Stewards

The project's objectives are designed to cultivate environmental awareness and responsibility:

- Introduce Swamp Ecosystems: To familiarize students with the Cunikas Marsh and its ecological street Fernand
- Promote Environmental Awareness: To educate students about their impact on nature and the importance of sustainability.
- Utilize Experiential Learning: To employ hands-on workshops and field studies to create a deeper understanding of natural environments.
- Foster a Sense of Agency: To empower students to become active protectors of local freshwater resources.











### **ProBleu Catalogue of Teaching Aids**

- A platform to inspire and support ocean and water literacy in classrooms across Europe and beyond!
- Allows to host editable content: slides, spreadsheets, worksheets.
- Automatic translation into 24 official EU languages and enhanced accessibility options.
- Includes videos, dynamic simulations and lists of external resources.
- Downloading and browsing materials: open to all!
- Uploading materials requires registration. Registration currently open to ProBleu funded schools. Other partners by request.



#### https://probleu.pml.space







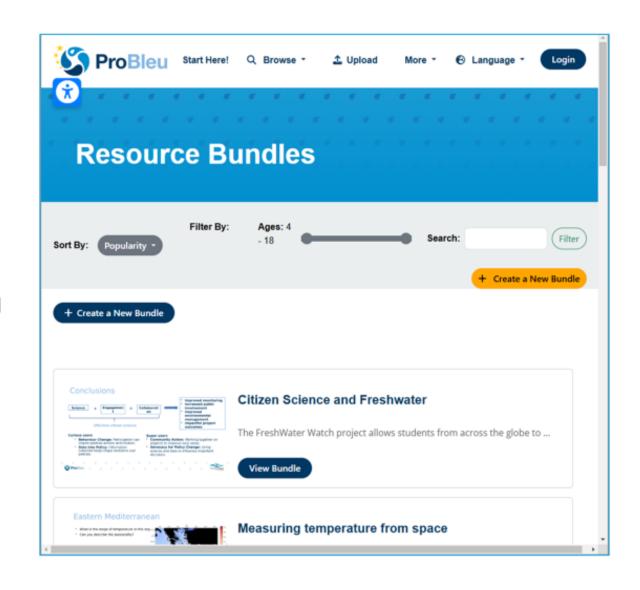




### The catalogue is for...

- ProBleu-funded schools: sharing materials from their projects
- ProBleu project team: connecting schools to real-world scientific research, data and tools
- Organisations, projects and initiatives advancing ocean and water literacy: supporting our common vision of ocean/water-literate society

Access to teaching aids on ocean and water literacy - to everyone!





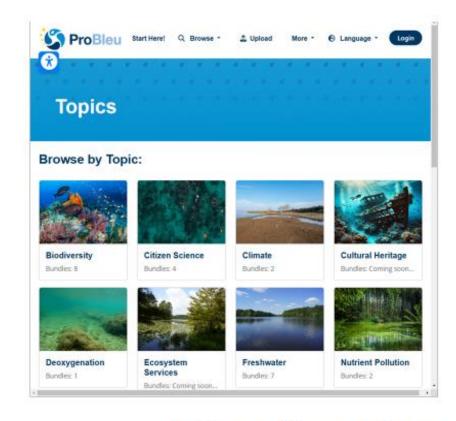


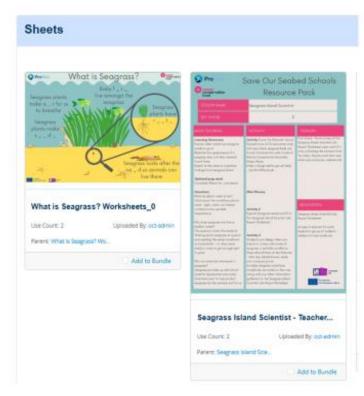






### **ProBleu Catalogue of Teaching Aids**





https://probleu.pml.space











# ProBleu www.probleu.school











ebonfill@icm.csic.es

coordination@probleu.school

https://probleu.pml.space











# How can we achieve our vision for blue education?'

A BlueBoard Webinar

Review Meeting | Ivica ILIC (Crowdhelix)





# **SHORE Objectives**

Empower youth to become agents of change Expand the network of European Blue Schools; Promote the EU's Mission Ocean objectives Promote open schooling methodologies Implement the blue curricula internationally

Train professional educators on blue education.





# **SHORE Objectives**

#### Promote ocean and water literacy

- 230 educational resources across 5 themes
- •91 community events, 8,200+ participants
- "DeepBlue Knowledge Challenge" and "AquaQuest" games
- Water Literacy Action Center established at YTU
- inter-institutional cooperation







#### Scope and Focus of Mission Waters and Ocean sister projects

#### SHORE:

- Primarily focuses on promoting marine literacy and sustainability in the Black Sea, Baltic Sea, Mediterranean Sea, Danube River, and Rhine River areas.
- Targets primary and secondary schools, aiming to engage students and educators in blue economy topics through educational activities.

#### PROBLUE:

- it supports projects related to marine and freshwater sustainability.
- Focuses on integrating ocean literacy and freshwater conservation into the school curriculum, involving schools and multiple stakeholders (teachers, parents, researchers, NGOs).
- It emphasizes the involvement of students, teachers, and community members in collaborative, sustainability-driven projects.

#### BLUELIGHT:

- Focuses on supporting schools in blue challenges within EU-27 Member States and associated Horizon Europe countries.
- It targets primary and secondary schools to enhance their engagement in ocean literacy and environmental challenges related to blue growth.
- The projects are more short-term and smaller in scale compared to SHORE and PROBLUE





#### **Summary of Similarities**

- 1. Blue Sustainability Focus: All three projects focus on promoting marine and freshwater sustainability, with educational initiatives targeting primary and secondary schools.
- 2. Target Audience: All projects are open to schools, encouraging the involvement of students, teachers, and broader communities in blue economy initiatives.
- 3. Geographic Scope: They all target EU countries and Horizon Europe associated countries.





### Mission Ocean & Waters Helix.

Platform: Hosted on Crowdhelix (13,000+ users)

Leadership: Managed by CHX, with YTU as honorary Helix Leader

Membership (as of M18): > Target: 250+ relevant orgs profiled by

M36

#### Features:

- Publishes events, resources & funding calls
- Organization of events
- Al-based matchmaking tool
- Showcases SHORE outputs







# Implemented Open Calls

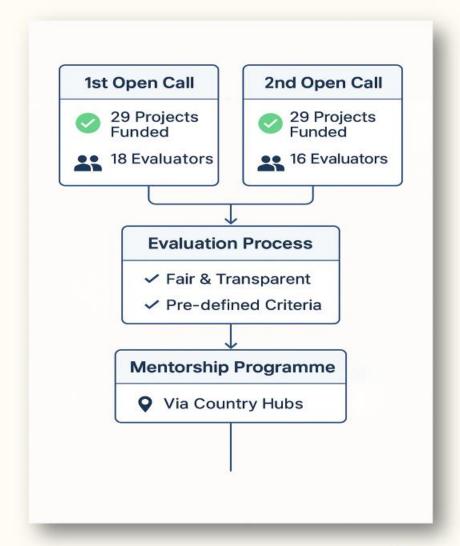
#### 1stOpen Call:

- 29 projects successfully funded
- 18 external evaluators involved

#### 2nd Open Call:

- 29 projects successfully funded
- 16 external evaluators involved

- Fair, transparent selection using pre-defined evaluation grid
- Mentorship program coordinated via Country Hubs









#### Thank you!

vica.ilic@crowdhelix.com

 $\checkmark$ 

contact@shoreproject.eu

@shore-community

in

shore-community

shore.school.community

(7)

SHORE-Community







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# The Network of European Blue Schools (NEBS) in Practice: Exploring, Connecting, and Sharing

Dominika Wojcieszek

**European Marine Science Educators Association** 



# **Exploring**



Name of project

Country



#### Explore our Blue Network Members

The EU4Ocean Coalition brings teachers together in the Network of European Blue Schools, fostering ocean literacy across Europe. This initiative aims to integrate marine and maritime topics into classrooms, creating awareness and responsibility for our oceans among students. Schools can join the network by taking up the Find the Blue Challenge and identifying an ocean-based topic relevant to students, collaborating with pupils to create a school project and making the ocean a part of the school curriculum through project-based learning.



Looking for the inspiration? Check Members here >

### Discover the European Blue Schools

Discover the members of the Network of European Blue Schools. Updated automatically with all the necessary information, as soon as new schools join the community, this list allows you to search members by name of school, country, project, level of education and topic.

Discover the European Blue Schools



#### Blue school members

Name of school

		- Any -
Apply filters		
69 results found		
Project information	ı	
Project name in native language	Heroes Azuis - Loita polo océan	no
Starting date of the project	Wed, 09/11/2024 - 12:00	
End date of the project	Fri, 06/20/2025 - 12:00	
Level of education	Primary school	Optional field
Project contact	CEP Sabarís Dr. Fariña 26 36393Sabarís - Baiona Pontevedra - España Tlf:886110144 // cep.sabaris@e	edu.xunta.gal

## Connecting

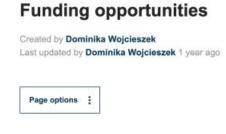


#### **European School Education Platform**

"The European School Education Platform is a meeting point for the school education community – school staff, researchers, and policymakers – to share news, interviews, publications, practice examples, courses and partners for their Erasmus+ projects. Its eTwinning area is dedicated to eTwinners and their activities".









## Sharing

#### The NEBS Newsletter

- September to June on average once a month in the first half of the month,
- Update on the NEBS composition
- Sharing resources and opportunities
- Contact <u>info@blueschools.eu</u>

#### NEBS May Update: New Members, Funding Webinar & BlueTech Winners!





Opminika Wojcieszek <dominika.wojcieszek@emseanet.eu>

Dominika Wojcieszek Zdominika.Wojcieszek@emseanet.ed

Tuesday, 13 May 2025 at 14:30

To: info; Bcc:

Dear Members of the Network of European Blue Schools,

The end of the school year is close, but we're not slowing down and growing our network.

This month, we're excited to welcome new schools from **Germany**, **Spain**, **Italy**, **Portugal**, **Greece**, **Romania**, **the Netherlands**, **Albania**, **Turkey**, **France**, **and Monaco**.

As of May2025, the Network brings together **754 schools**, including:

- 598 from EU countries
- · 156 from non-EU countries

Among these, we now have:

- 90 Aquamarine Schools
- 18 Ultramarine Schools
- 18 Associated Aquamarine Schools
- 2 Associated Ultramarine Schools

#### Funding Opportunities for Schools - Join Our Webinar!

We're happy to announce that funding calls for schools are now open through **BlueLightS**, **SHORE**, and **ProBleu** — sister projects of the **EU Mission "Restore our Ocean and Waters by 2030."** 

To help educators explore these opportunities, understand the criteria, and choose the best fit for their school, the **NEBS Secretariat** is hosting a **dedicated webinar**:

Date: May 19

**Time:** 18:00 CEST (19:00 in Greece, 17:00 in Portugal)

More information and registration: <a href="https://maritime-forum.ec.europa.eu/events/funding-opportunities-schools-join-nebs-webinar-2025-05-19">https://maritime-forum.ec.europa.eu/events/funding-opportunities-schools-join-nebs-webinar-2025-05-19</a> en





# Thank you

Dominika Wojcieszek

dominika.wojcieszek@emseanet.eu, info@blueschools.eu

**European Marine Science Educators Association** 







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# OSES - Ocean Sustainability Through Education and Sport

OSES focuses on providing sports federations and local stakeholders with tools to promote eco-responsible behaviors and enhance environmental awareness among youth through sports engagement.























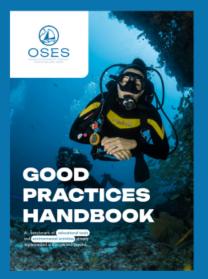








### **OSES** Resources



- 1. Connecting schools, water sports, and ocean literacy
- Environmental cleanups
- 3. Citizen science, environmental data collection, and monitoring
- Sustainable practices in water sport tourism
- 5. Engaging with local communities
- 6. Good practices in professional sports



#### Diving Education Inspires Ocean Conservation in Youth

Note Dive in a practical and educational program that introduces scala diving to young individuals. Sostering their connitrent to ocean conservation. Since 2018, it has engined over 2500 students aged 8-17, aligning with 5 Listed National Societyment Codes SOS Sosterians by Development Codes SOS Cost Southern SOS G19 - Quality Education, SOS G19 - Exportable Conservation and Production, SOC G19 - Climate Action, and SOC G19 - Proteinships for the and SOC G19 - Proteinships for the soft

Groups of 60 school students engage in a 5-day Kids Dive program that immenses them in ocean education and scula dring. The experience begins with a school presentation, followed by a scula delegation introduction. They participate in underwater educational activities and liter delive into themed wortshops covering plastic into themed wortshops covering plastic poliution, marine biodiversity, and climate charge. To illustrate the issue of plastic pollution, students swim through hub-hoops, one of which is covered with transparent plastic, which they usually can't see underwater and therefore are surprised when hitting



the x invisible wall x. This demonstrates how marine life can be inspacted by underwater platos. In the «Coopitatify the Coopitative workshop, they learn about how marine creatures can mistale platois for food, the varying properties of different platics, and the growing problem of microplisates.

Marine blodwarsty is explained through a simulated skelp forests in a pool, treated as a Marine Protected Area (PPM), Students release model fish into this environment, and further didne into this oppic during a workshop. They discover the ocean's role in mitigating climate change through algal communities and the importance of MINAs in marine coossistem conservation.

The program continues with a field trip to explore local coastal marine life, a visit to the Lisbon Oceanarium (public aquarium), and a meeting with scientists.

Presently, this innovative program goes beyond scaled within fleaturing a digital learning stool and a citizen science project. Digital learning strong without science project digital science of the project district of the paradientic Congraphic project during the paradientic. It enables an immersiate experience of sidvings into disense underwater habitats that were filmed by the program creators with VR390 care-

ras. These include marine forests and reeds or dispervads beaming with life. A citizen science project is castorized for local shools by our research team. The project includes small moretoning projects (based on our inconvelope of the local faster and floral) that enable teachers and students to follow local intertibility protected species, non-neighnous species (NoS), antifor-commercially important species. They also follow species that are in their northern follows species that are in their northern or southern limit of distribution while insulting temperature data loggers (their provider) in the intertibility to better understand the effects of climats charge.

The intention is to espand this pionesring practical program sationally (Portugal) and internationally (Jaroudy running in Norwey). National and international projects have been pivotal for Kish Dive, while ongoing projects have gained traction from an increasing number of participant municipalities. Individual Technical Notation maximum program effectiveness, considering the different levels of occurs library.

This program aims to deeply engage and inspire young individuals, promoting sustainable and occun-friendly illicityles within their schools and familes. We want to nurture the desire to safeguard marine ecosystems contributing to a proactive blue generation. Our motio is inserted-occan.





#### Locally nurturing ocean stewardship through kayaking and paddleboarding

The Centro de Formação Desportisa de Canoagem e Surf AEFFL is located in the charming fishing village of Fusera, nestled in the Algarve region. This region has witnessed a supfit-affer destination for vacationers. I revent for the common as a protected thorevent, functa bosses a unique feature tap proximity to Ria Formosa, a protected ratural park that is horm to exercitál flora and fauna crucial for the manine econytem.

While the primary objective of our Control is to teach canoeing and surfing to young generations, our sown's geographical location profoundly influences our approach. We recognise the interconnectedness of our sown with coass sustainability. This recognision offices our project to extend its scope beyond sports, with the aim of tostering community waveness about the complexity, beauty, and fragility of our na-





We actively participate in compages to clean up Ra Formosa During each sea excursion, our declarated group of 50 regard revoluters conducts symbols cleanups. For them, once they to the sea equal, one piece of plaster waste brought to the shore. They perform such cleanup rangify once as weet. Place of these volunters are students from our local cluster school and smoothy areas. We equal them with layake and standard paradiscionary clusters with layake and standard paradiscionary clusters with layake and standard paradiscionary to play the country areas with they find in the water, bringing a safrone, and disposing of it proporty in proceeding to exceed the processing of the processing of



Additionally, we organize larger clearup instantion. We collaborate with other ecological projects, such as fiscoid Azul, for more specific cleaning actions that typically agan one day. Wile arrange cleanup events that are open to the general public. These larger-scale actions are occasionally supported by the city council or the provides action are occasionally supported by the city council or the provides equipment beyond water great including trainable gard mixed.

In addition to these field activities, we actively foster collaborative irritatives and connect students with the water environment. Our goal is to educate local students and inspire them so protect the marine environment. To achieve this, we organize talks and lectures featuring renowned speaiers. Notable achieves live journs Schenler.

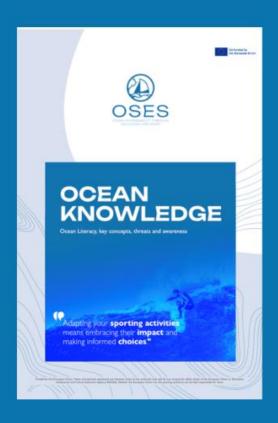


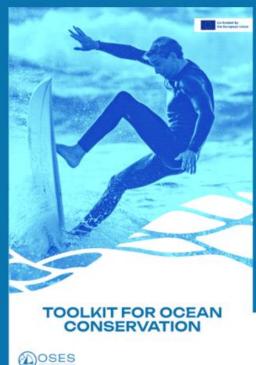
APB Bodyboard World Champion, have shared impactful messages about sports, perseverance, and ecology. We have also had the privilege of hosting environmental advocate Andreas Noc, known as «The Trash Travelero» and assisting him in his mission to clean beaches and raise awar-



# **OSES** Resources









Tools for ocean conservation awareness

Discover practical tools designed to assess water quality, monitor the effects of climate change and much more.

#### Ocean Knowledge

A resource for better understanding the ocean through key concepts and examples.

# Toolkit for ocean conservation

Explore the OSES toolkit to create awareness programs for training youth in sports organizations.

# Thank you

Dominika Wojcieszek, EMSEA dominika.wojcieszek@emseanet.eu



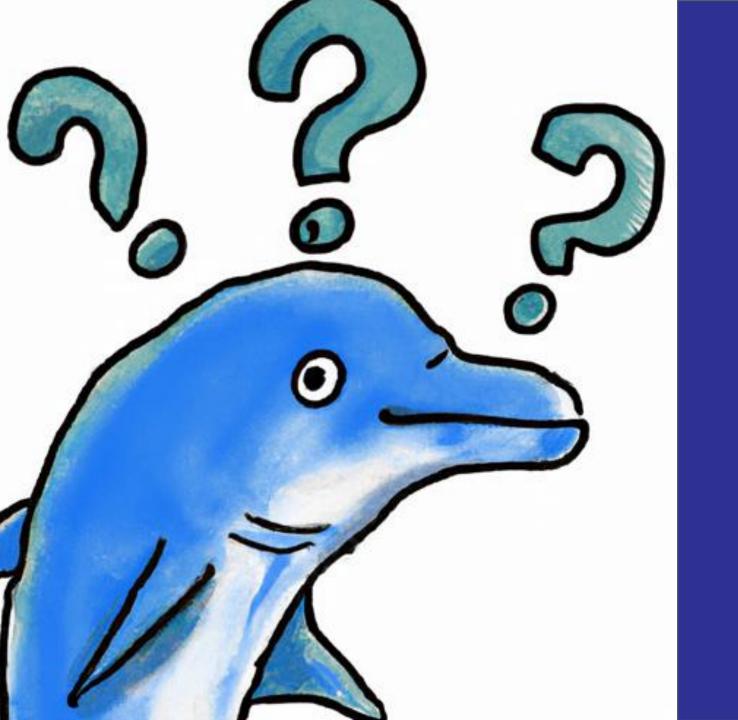




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Open discussion and Q & A



https://blue-lights.eu/

Are you going to be part of the communities?

# Thank you for your attention



