



YOU(R)SEA

YouSea Institute, Institute for Conservation of Marine Biodiversity

SEA OASIS PIRAN

**for
SUSTAINABLE MULTITROPHIC
MARICULTURE
and
BIODIVERSITY CONSERVATION**

Hana Hanžek-Turnšek
MSc Conservation Biology



**ECO FORUM
HERCEG NOVI**





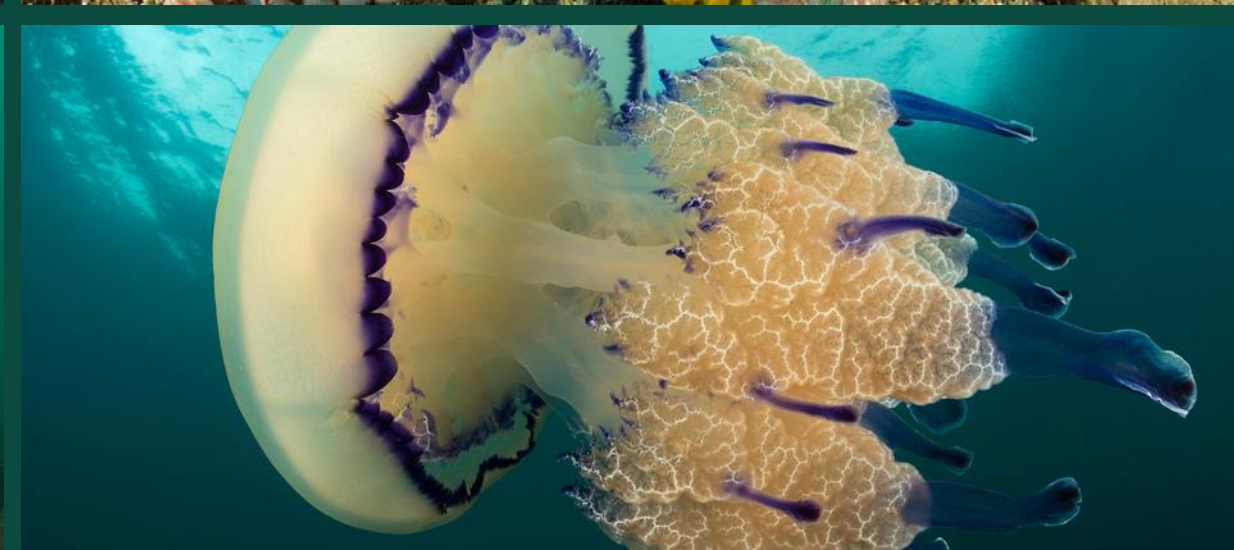
ECO FORUM
HERCEG NOVI

"The sea is not blue, it is rainbow colours."

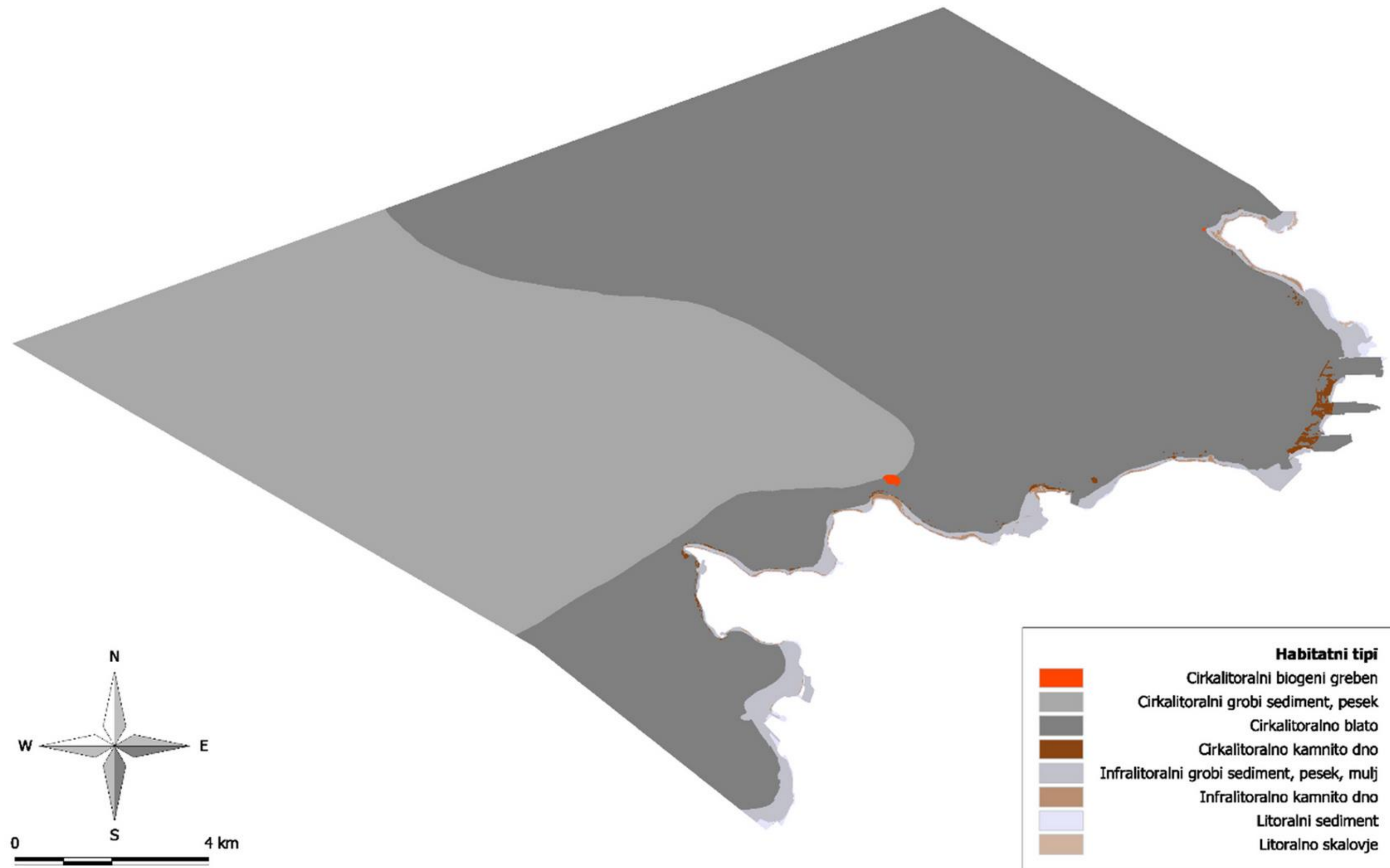
Borut Mavrič, researcher and director of Marine biology station

Piran

Borut Furlan



**ECO FORUM
HERCEG NOVI**



**ECO FORUM
HERCEG NOVI**

Source: Lipej L. et al. 2018. Kartografski prikaz in opis bentoških habitatnih tipov v slovenskem morju vključno s kartografskim prikazom in opredelitvijo najverjetnejših območij vpliva na habitatne tipe

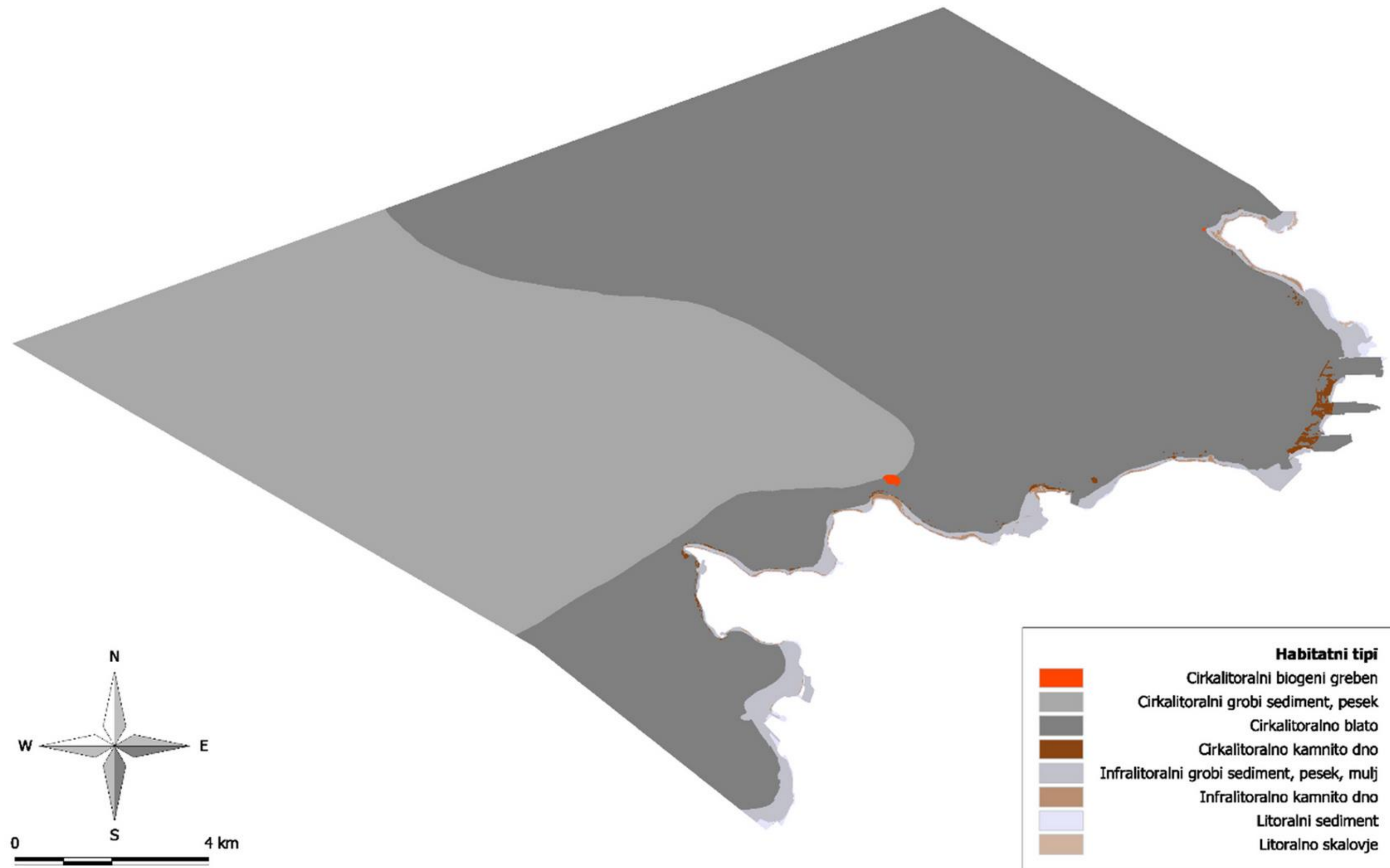


Borut Furlan



ECO FORUM
HERCEG NOVI





**ECO FORUM
HERCEG NOVI**

Source: Lipej L. et al. 2018. Kartografski prikaz in opis bentoških habitatnih tipov v slovenskem morju vključno s kartografskim prikazom in opredelitvijo najverjetnejših območij vpliva na habitatne tipe

"The sea is not blue, it is rainbow colours."

Borut Mavrič, researcher and director of Marine biology station

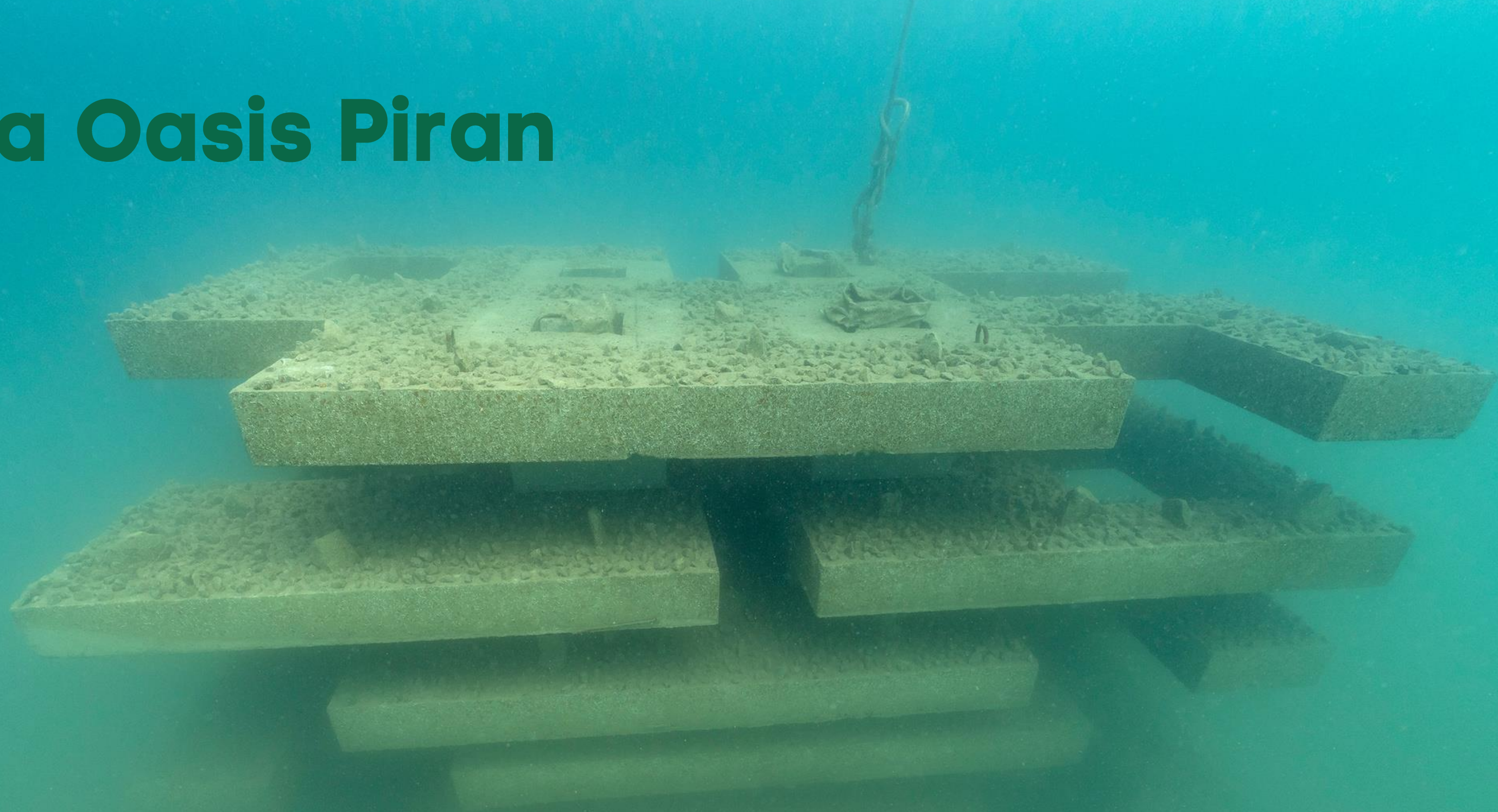
Piran

Borut Furlan



**ECO FORUM
HERCEG NOVI**

Sea Oasis Piran



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

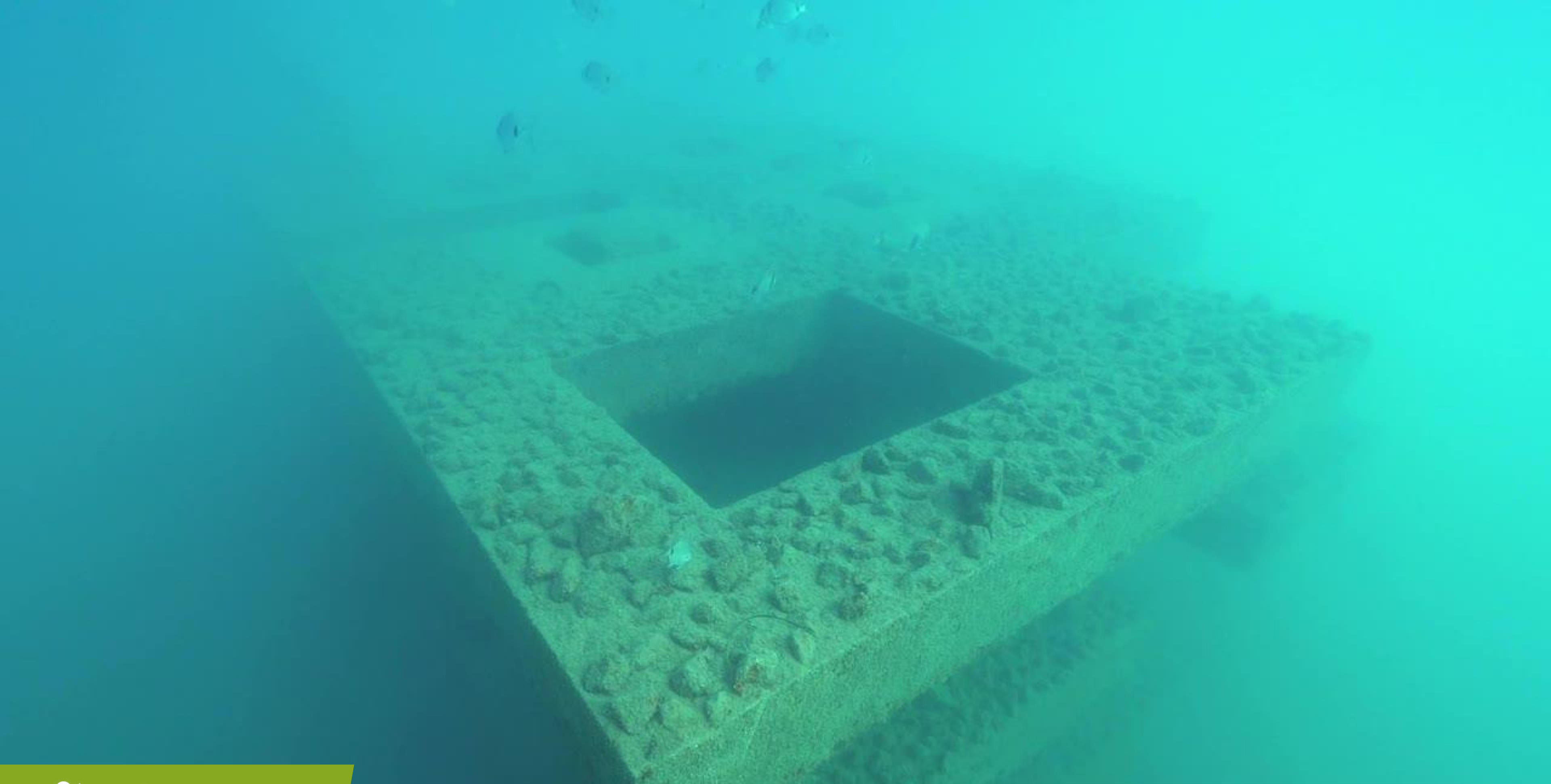


Borut Furlan



ECO FORUM
HERCEG NOVI





ECO FORUM
HERCEG NOVI



OBJECTIVE 1:

Sustainable multitrophic mariculture

Colonisation and harvesting of edible or otherwise exploitable organisms (mussels, oysters, sea urchins...).



Berut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

OBJECTIVE 2:

Biodiversity research

Monitoring of colonisation of organisms:
What? Where? When? How much?



In collaboration with:



NACIONALNI INŠTITUT ZA BIOLOGIJU
NATIONAL INSTITUTE OF BIOLOGY



ECO FORUM
HERCEG NOVI



Berut Furlan

OBJECTIVE 3:

Organic matter filtration

Colonisation of filtrator species, which consume organic matter suspended in the water column. - Wastewater management potential.



ECO FORUM
HERCEG NOVI



Berut Furlan

OBJECTIVE 4:

Biodiversity conservation and fisheries support

Repopulation center for economically important fish species.

Fisheries support.



Borut Furlan

OBJECTIVE 4:

Biodiversity conservation and fisheries support

Repopulation center for general biodiversity.

In times of sea mucilage and anoxic events.



Photo: Borut Mavrič

OBJECTIVE 5:

Carbon sequestration

Fixation of carbon dioxide through biogenic formation of calcium carbonate (CaCO_3) with which shell- or skeleton-forming marine organisms, such as bivalves, gastropods, and polychaetes, construct their structures.



Berut Furlan

Sea Oasis Piran - 3 months after installation



Berut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran

- 3 months after installation



Borut Furlan



ECO FORUM
HERCEG NOVI



 **BAUHAUS**

Sea Oasis Piran

- 3 months after installation



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran

- 4 months after installation



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran - 4 months after installation



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran - 4 months after installation



Berut Furlan

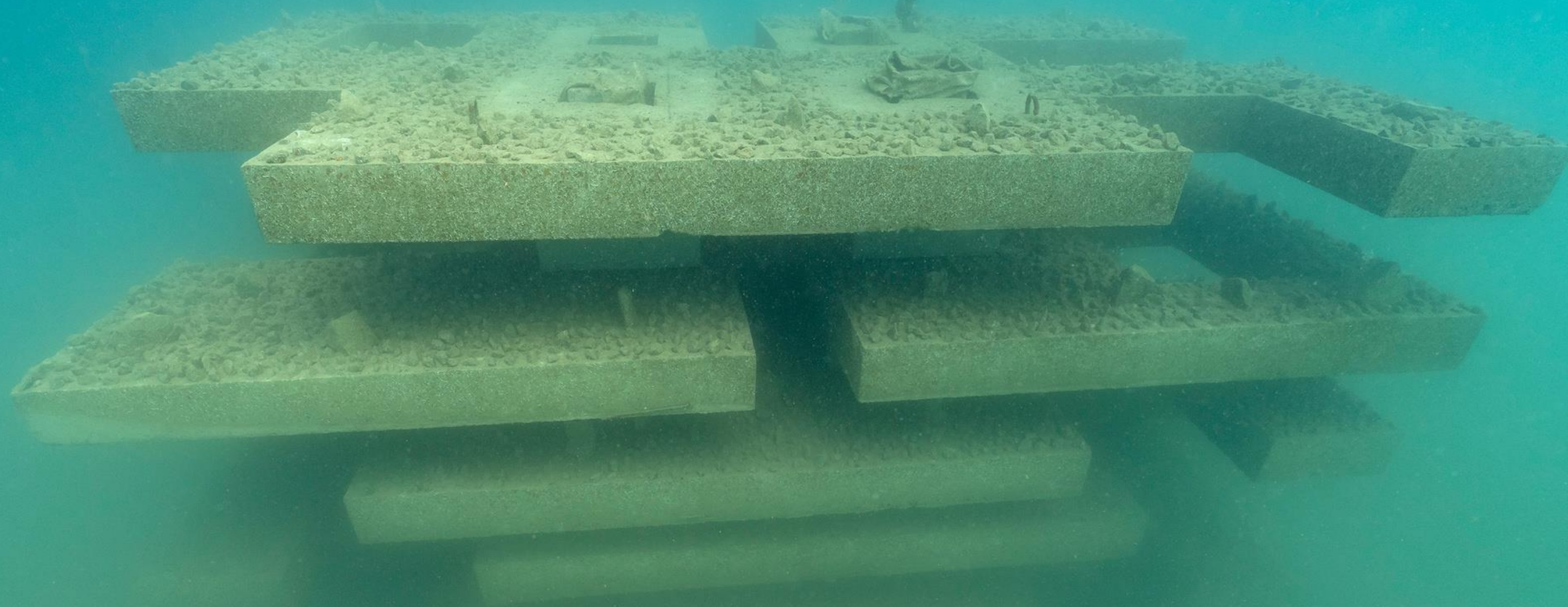


ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran - 3 months after installation



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran - 11 months after installation



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran

- 11 months after installation

Borut Furlan



ECO FORUM
HERCEG NOVI



Sea Oasis Piran - 11 months after installation



ECO FORUM
HERCEG NOVI



Borut Furlan

Sea Oasis Piran

- 11 months after installation



Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran - 11 months after installation



Berut Furlan



ECO FORUM
HERCEG NOVI

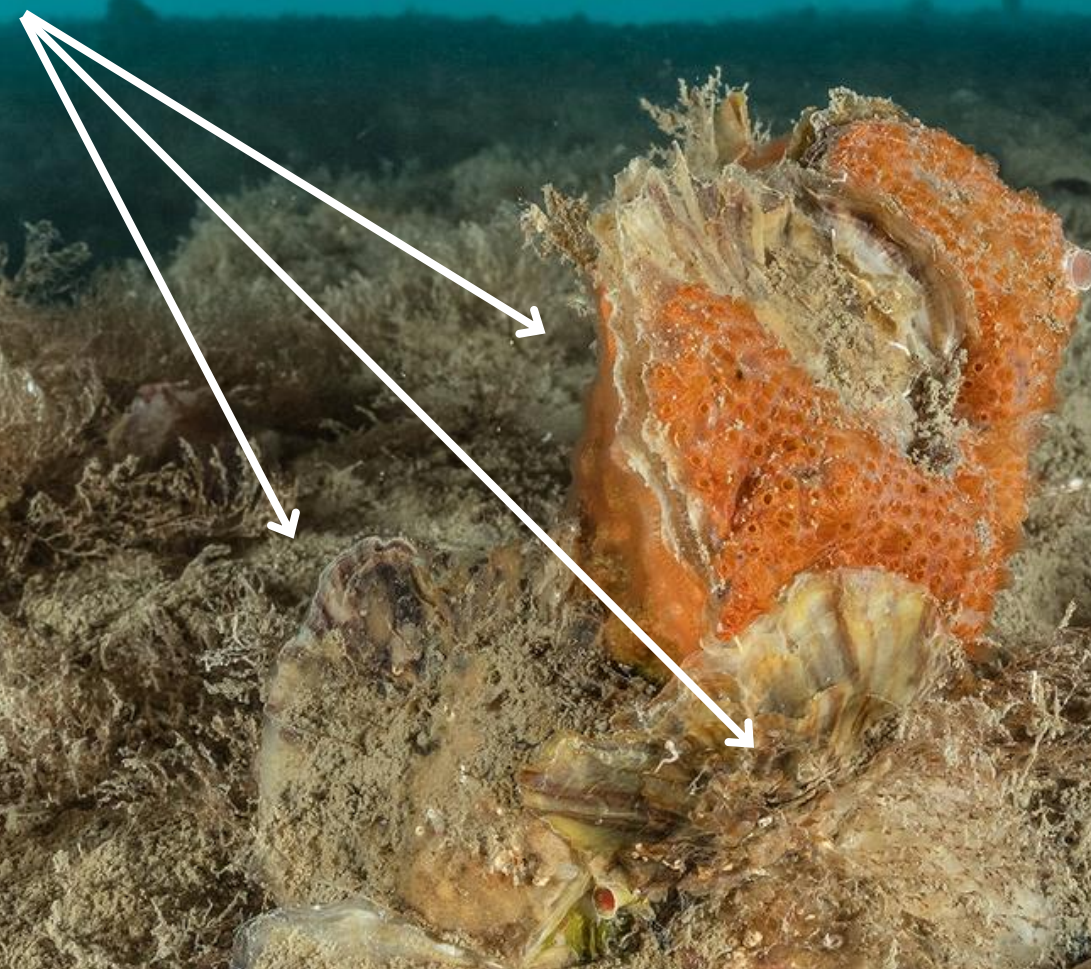


BAUHAUS

Sea Oasis Piran

- 11 months after installation

Oysters - *Ostrea* sp.



Berut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS



Berut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS

Sea Oasis Piran

- 11 months after installation



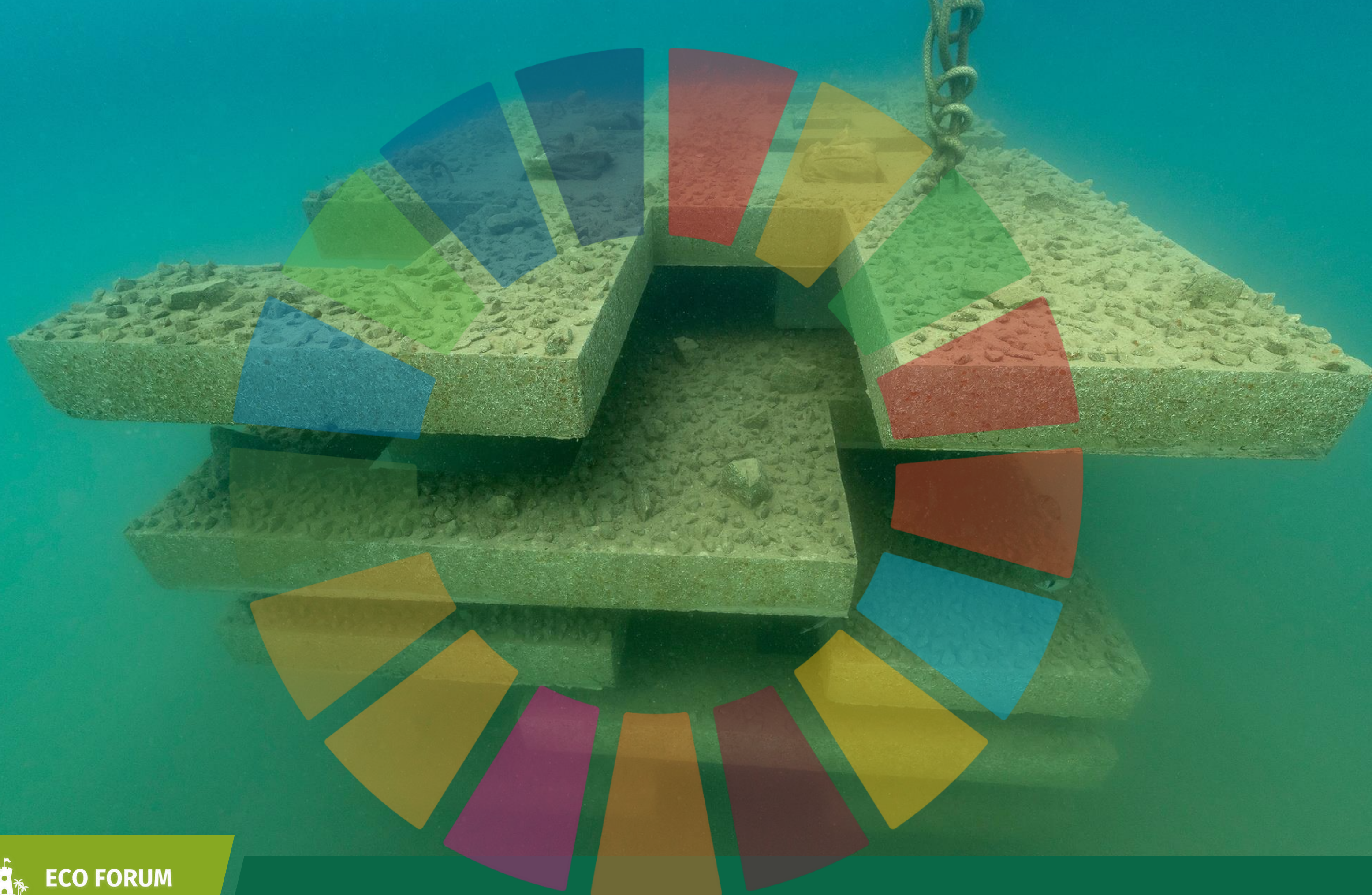
Borut Furlan



ECO FORUM
HERCEG NOVI



BAUHAUS



ECO FORUM
HERCEG NOVI



YouSea Institute, institute for conservation of marine biodiversity



THANK YOU



[HTTPS://WWW.YOURSEA.ORG/](https://www.yoursea.org/)
ZAVOD.YOUSEA@GMAIL.COM



SEA OASIS PIRAN



@SEAOASISPIRAN



YOUSEA INSTITUTE -
ZAVOD YOUSEA



ECO FORUM
HERCEG NOVI

Borut Furlan

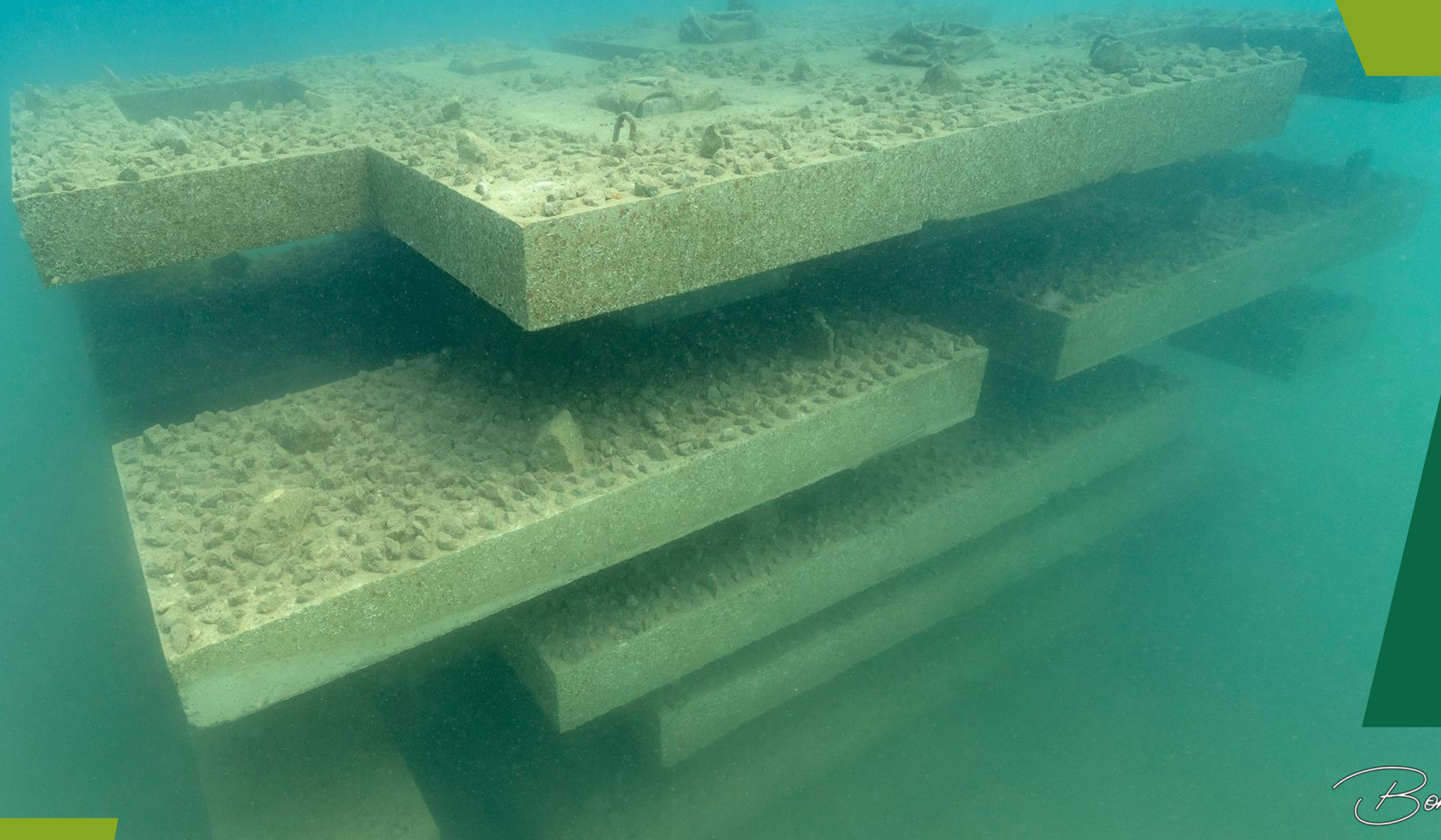


EXTRA



ECO FORUM
HERCEG NOVI

Sea Oasis Piran



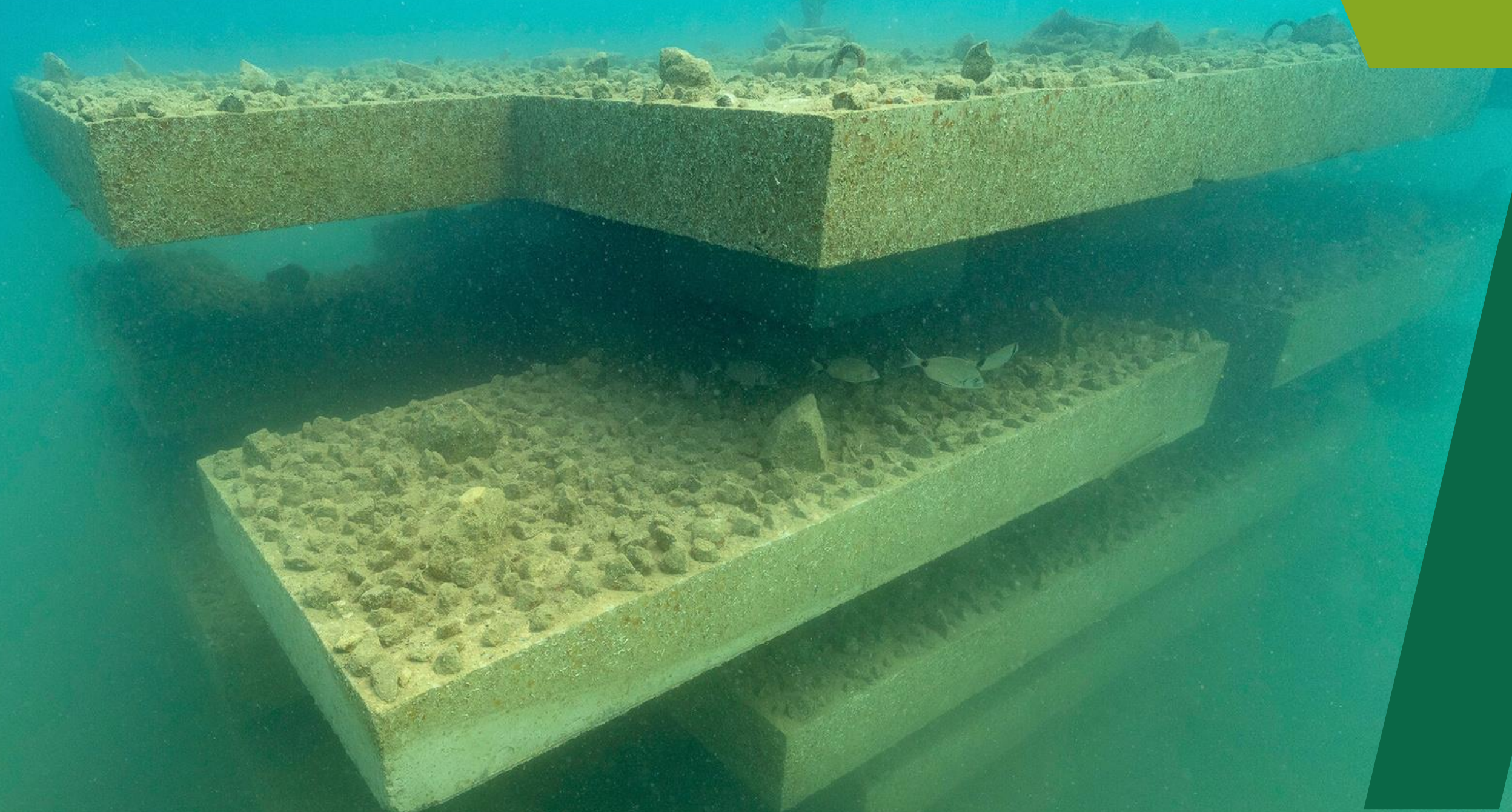
ECO FORUM
HERCEG NOVI

Borut Furlan



 **BAUHAUS**

Sea Oasis Piran



Borut Furlan



ECO FORUM
HERCEG NOVI





Borut Furlan



ECO FORUM
HERCEG NOVI





Berut Furlan



ECO FORUM
HERCEG NOVI





Borut Furlan



ECO FORUM
HERCEG NOVI





Berut Furlan



ECO FORUM
HERCEG NOVI



 **BAUHAUS**



Berut Furlan



ECO FORUM
HERCEG NOVI





Berut Furlan



ECO FORUM
HERCEG NOVI

