

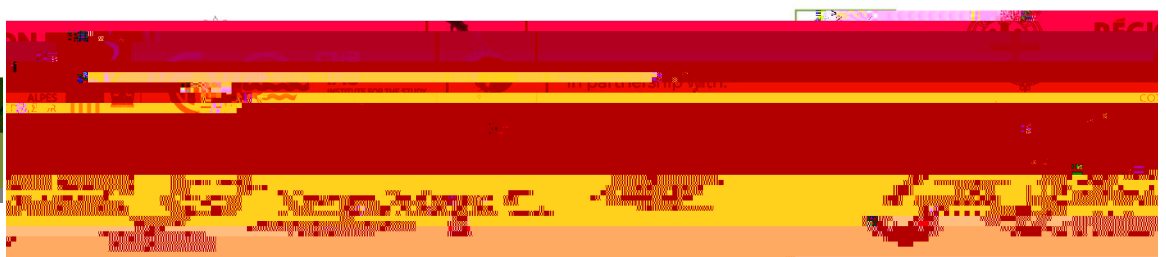
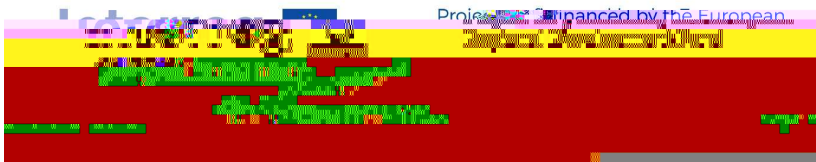


# SAKARUN BEACH

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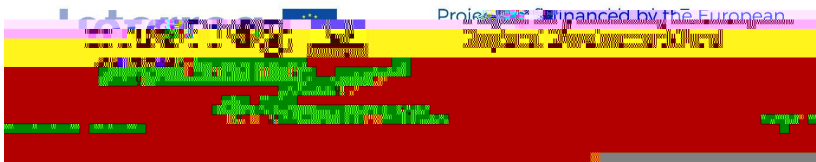








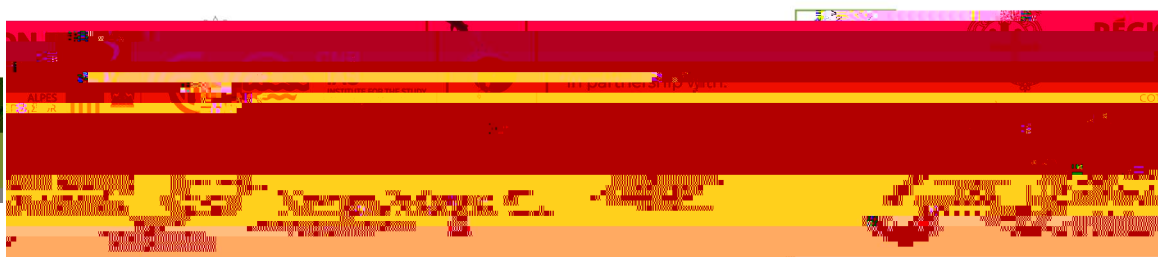




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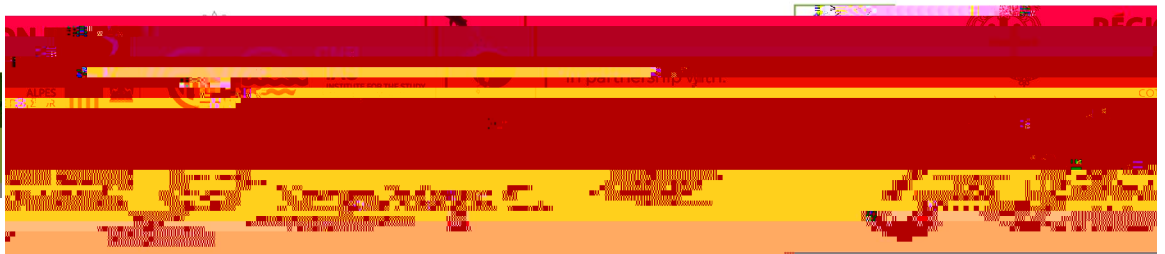
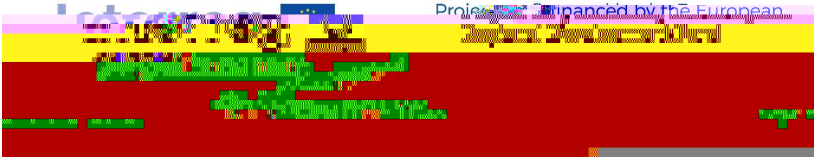
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## **Posidonia oceanica**



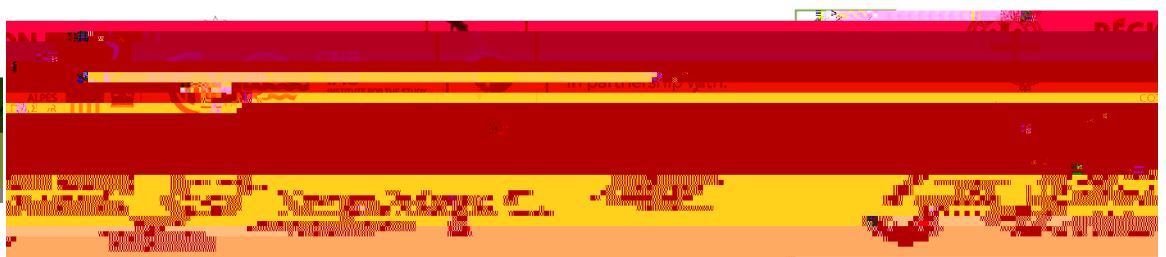
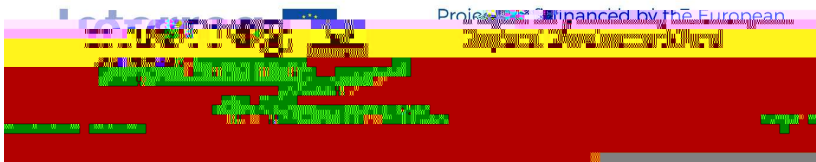
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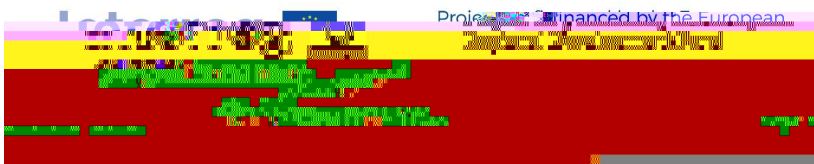
Project acronym: POSBEMED2



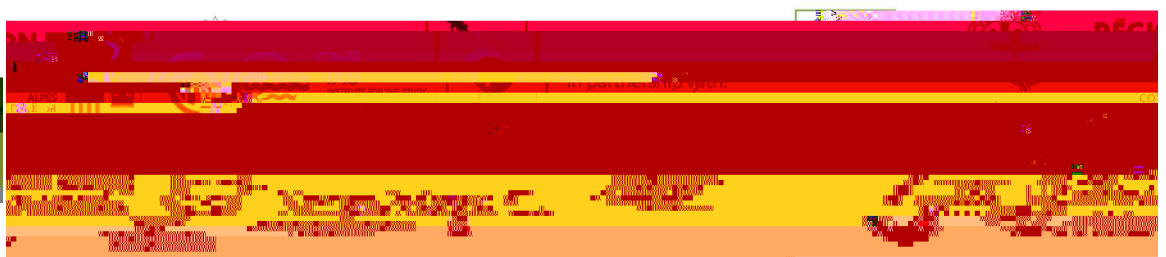


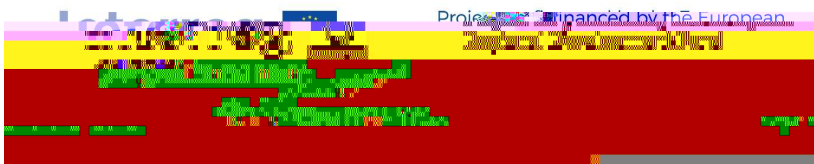




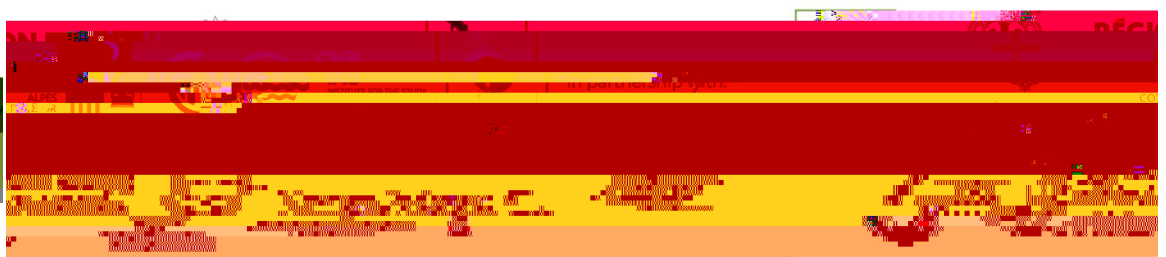


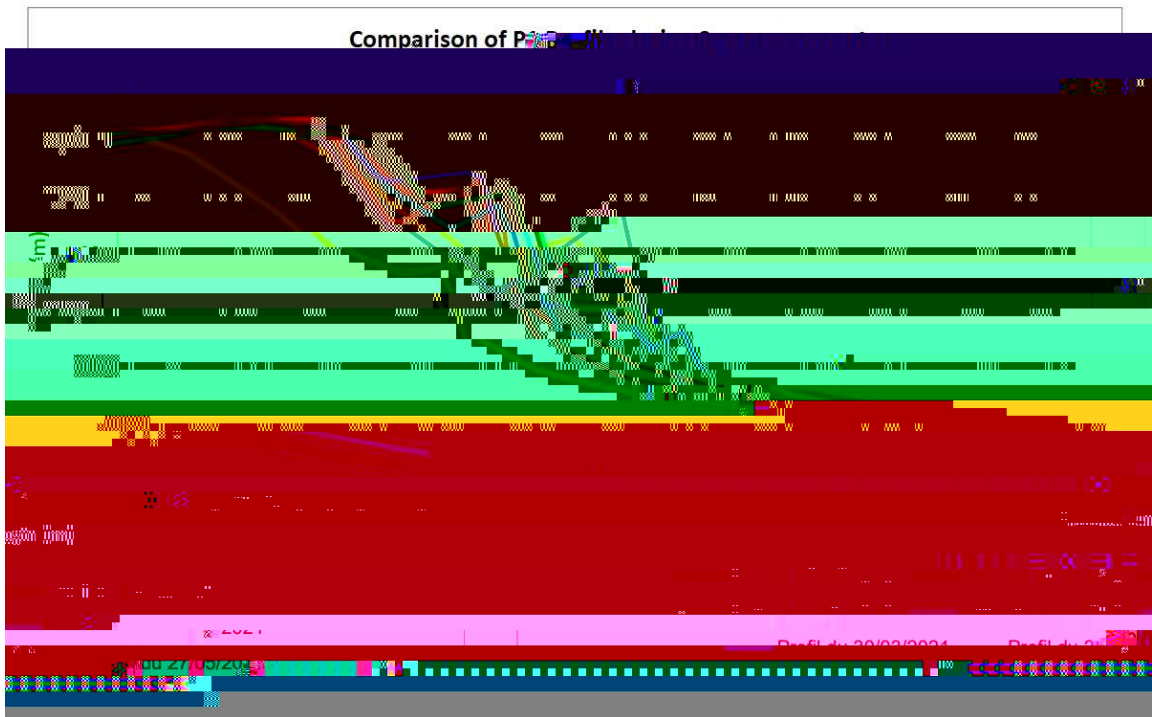
**Figure 5 1: A simplified overview of beach profile and nearshore areas, indicating main zones and landforms (according to Chrzastowski, 2005)**  
**Source: Geomorphological analysis of Sakau beach (2nd Report)**





**Figure 5.2 Approximate position of the beach profile (P1-P7) and sediment sampling locations (P1-P7 beach sediment; S1-S7 shallow intertidal sediment; US1-US3 seabed surface sediment)**  
(Source: Geomorphological analysis of Sakaun beach (II Report))





**Figure 53 Change of Profile P1 during field trips**  
 (Source: Geomorphological analysis of Sakaun Beach (II Report))



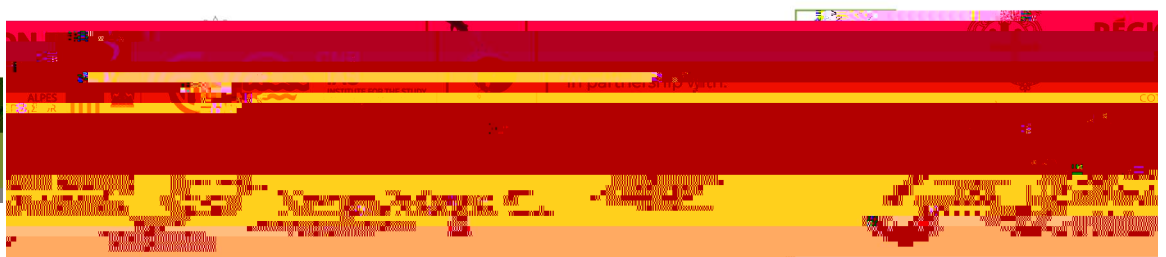
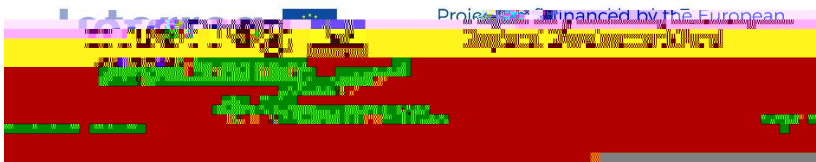










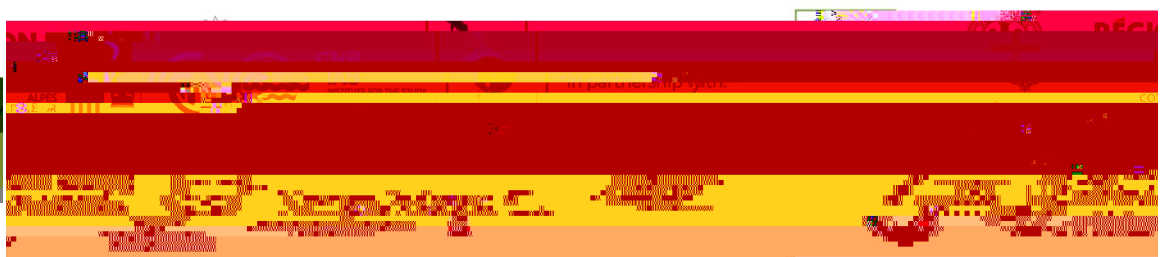
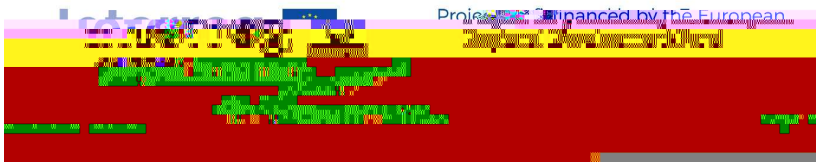


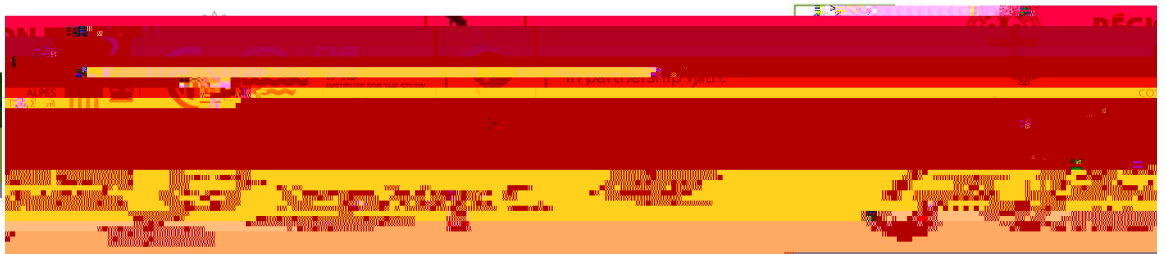


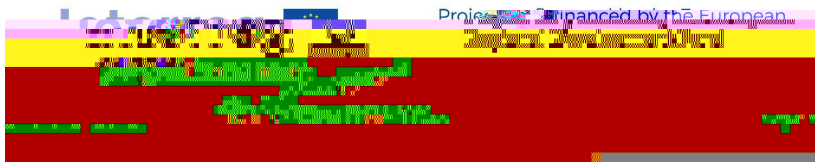










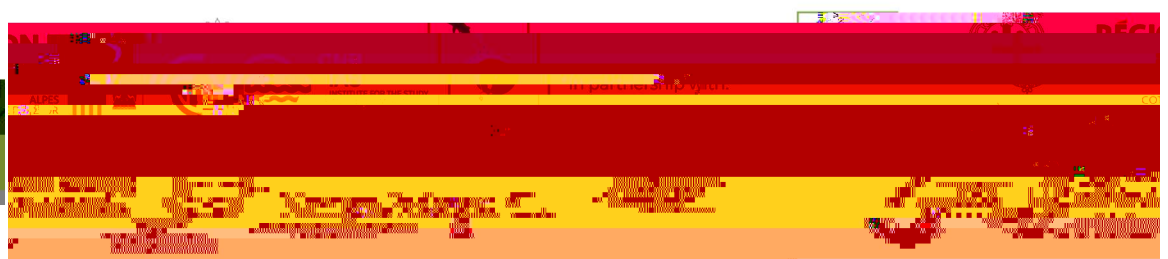


**Figure 5.12 Bathymetric map of the area made using sonar and data processing in GIS software**  
(Source: Exploration of seagrass meadows (*Posidonia oceanica*) in Sakaun bay)

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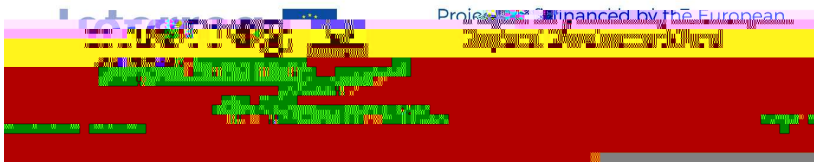




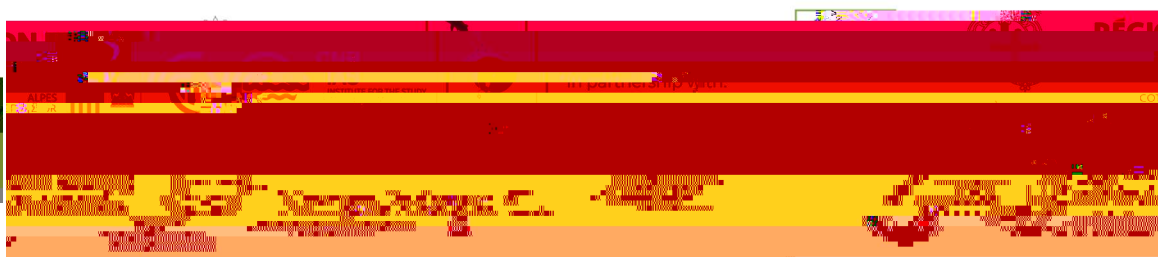








**Table 5.5** Average percentage cover of habitat type with associated conservation status according to the conservation index along the transect at sampling stations and mean values at the location with no impact





**Table 56 Status of Posidonia beds at all sampling locations, n=4**

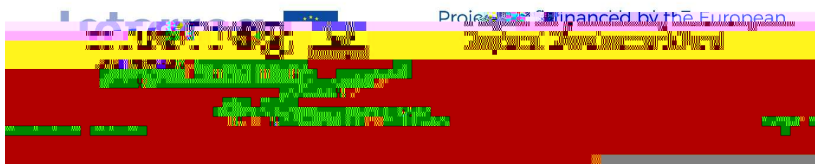
(Source: Monitoring the condition of seagrass habitats and meadows (*Posidonia oceanica*) in selected areas of ecological network in Zadar county, 2010 Expert report, Marine Explorers Society- 20000 leagues Zadar)

Natura 2000 area	Locations	Meadow condition (quadrants)	Conservation status (III method)

dead/matte!

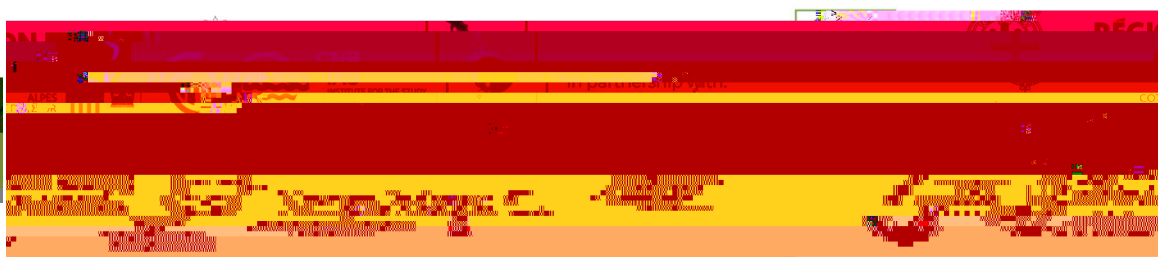
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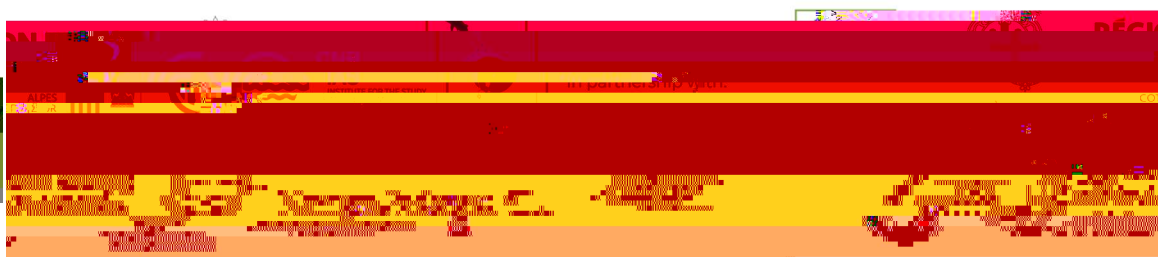
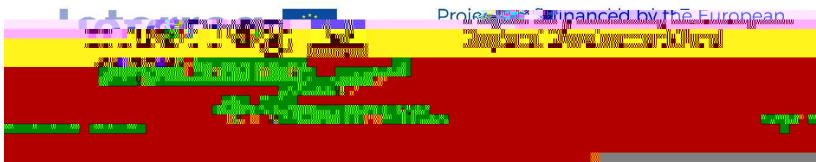


**Figure 5.13 Areas with significant percentage cover of priority habitat 1120 Posidonia beds within the area of significant landscape of the northwestern part of Dugi Otok**

- a)
- b)





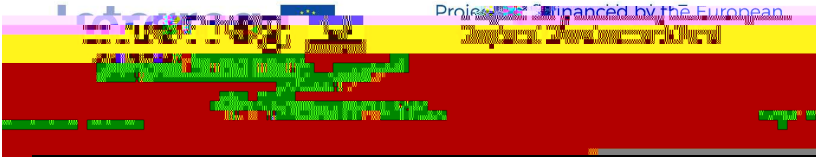






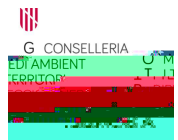
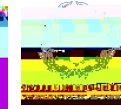
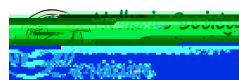






## 2 ACTIVITIES MEASURES DIRECTLY ON POSIDONABANQUETES

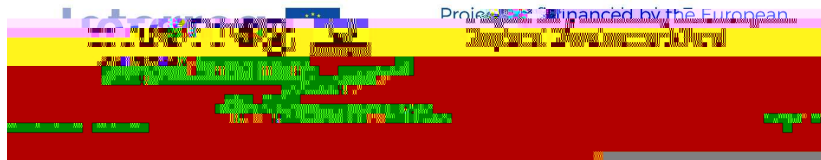
### A21 Maintaining favourability

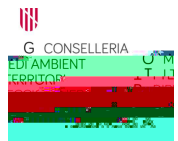
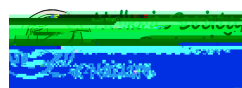
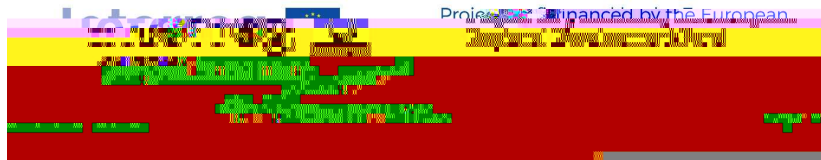




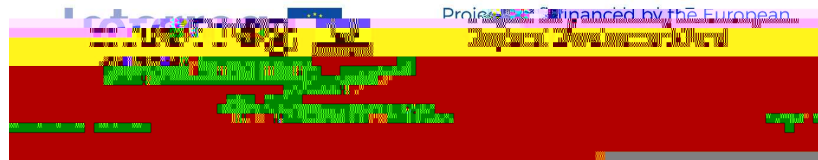




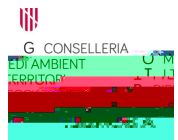
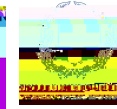
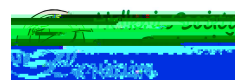
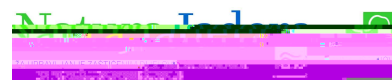


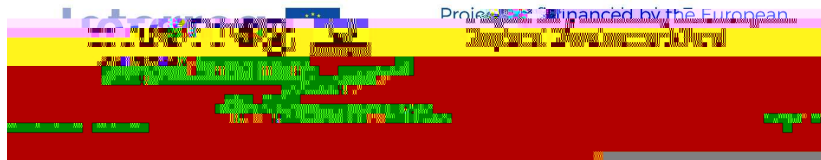




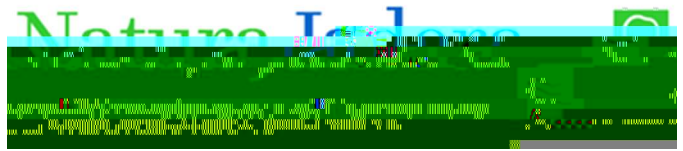


## 5 BUILDING CAPACITY, RAISING AWARENESS AND PROMOTING EDUCATIONAL ACTIVITIES









## 1. ESTABLISHING AREAS OF INTERVENTION AND AREAS WITH NO INTERVENTION

### A.1.1 Establishing areas of intervention and areas with no intervention

**Types of activities** Passive

**Area of activity** Posidonia barquettes on Sakaun beach

**Current status** Formal zoning system does not currently exist.

**Goal of the activity:** Maintain natural appearance of the beach whilst ensuring the use of tourist potential and minimizing impacts on seagrass deposits

**Proposed technique:** Development of an internal act and implementation in accordance with the guidelines resulting from geomorphological analysis

**Technical description:** The intervention includes all activities of relocating Posidonia barquettes on the beach

**Proposed methodology:** Developing an internal act.

**Description of the method:** Developing an internal act.

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COOPERATION PROGRAMME  
POS-BEMED2



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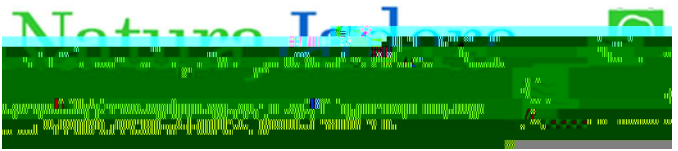
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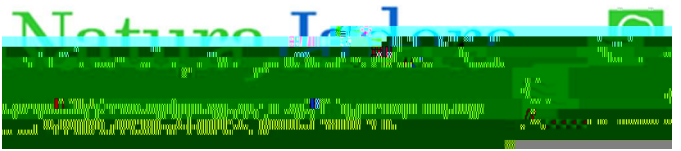
## A22 Maintaining favorable condition of Posidonia barquettes on Sakaun beach

**Types of activities** Active

**Area of activity** Posidonia barquettes on Sakaun beach

**Current status** Marine litter is present in Posidonia barquettes- mostly large waste that is deposited together with the formation of barquettes

**Goal of the activity:** Maintain Posidonia barquettes clean and in a natural form so they may pose no risk to



### A23 Biodiversity conservation of Posidonia banquettes on Sakaun beach

**Types of activities** Active

**Area of activity** Posidonia banquettes on Sakaun beach

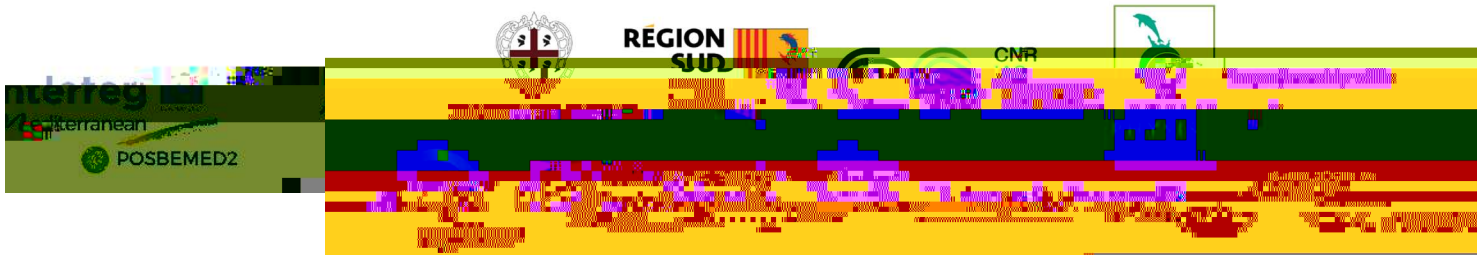
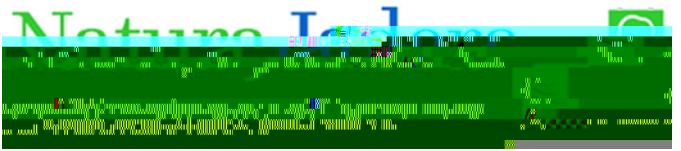
**Current status** Biodiversity level at the site has been insufficiently researched

**Goal of the activity:**





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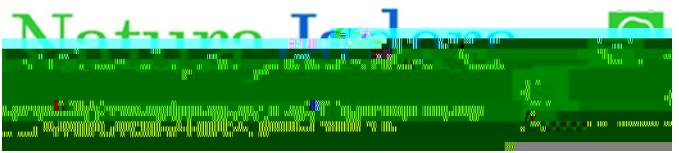










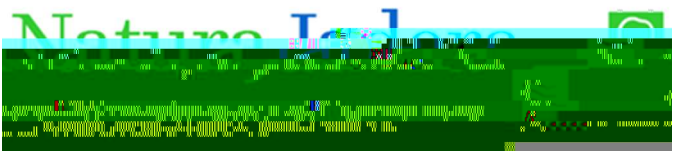


## A54 Rebranding of the beach in Sakaun Bay

**Types of activities:** Active

**Area of activity:** Coastal

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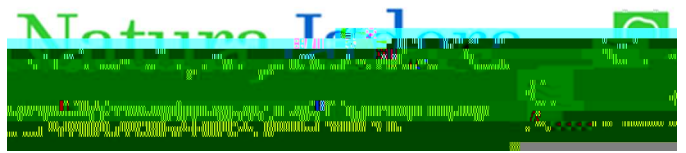


Interregional cooperation





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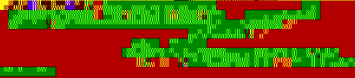


CNR



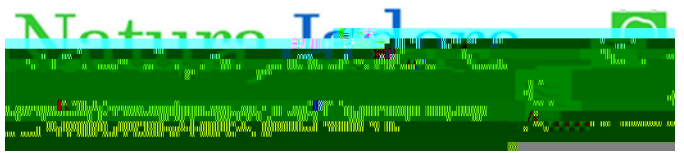
Interregional cooperation







Project financed by the European



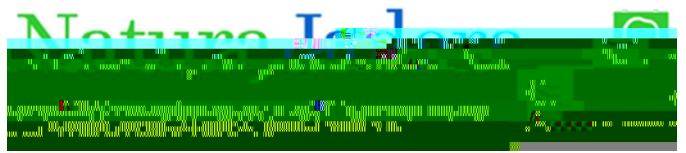
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Integrating biodiversity with

Integrating biodiversity with

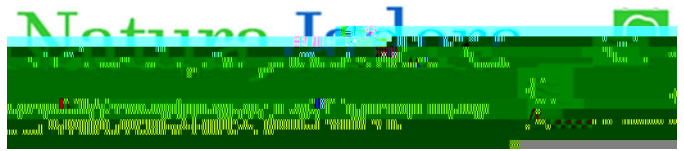
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Plan for the Northwest part of Dugi Otok Significant Landscape

Management

19

*Rosidria oceanica*

Monitoring the condition of seagrass habitats and meadows (*Rosidria oceanica*) in selected areas of ecological network in Zadar