



Javna ustanova
Zavod za prostorno uređenje Istarske županije
Ente per l'assetto territoriale della Regione Istriana

Istarska županija  Regione istriana

SHAPE
between coast and sea

WP5 – Within Land and Sea

Pilot Action 5.4.2.1.

Mapping of Marine Habitats in the Region of Istria

Pescara, 17th April 2013.

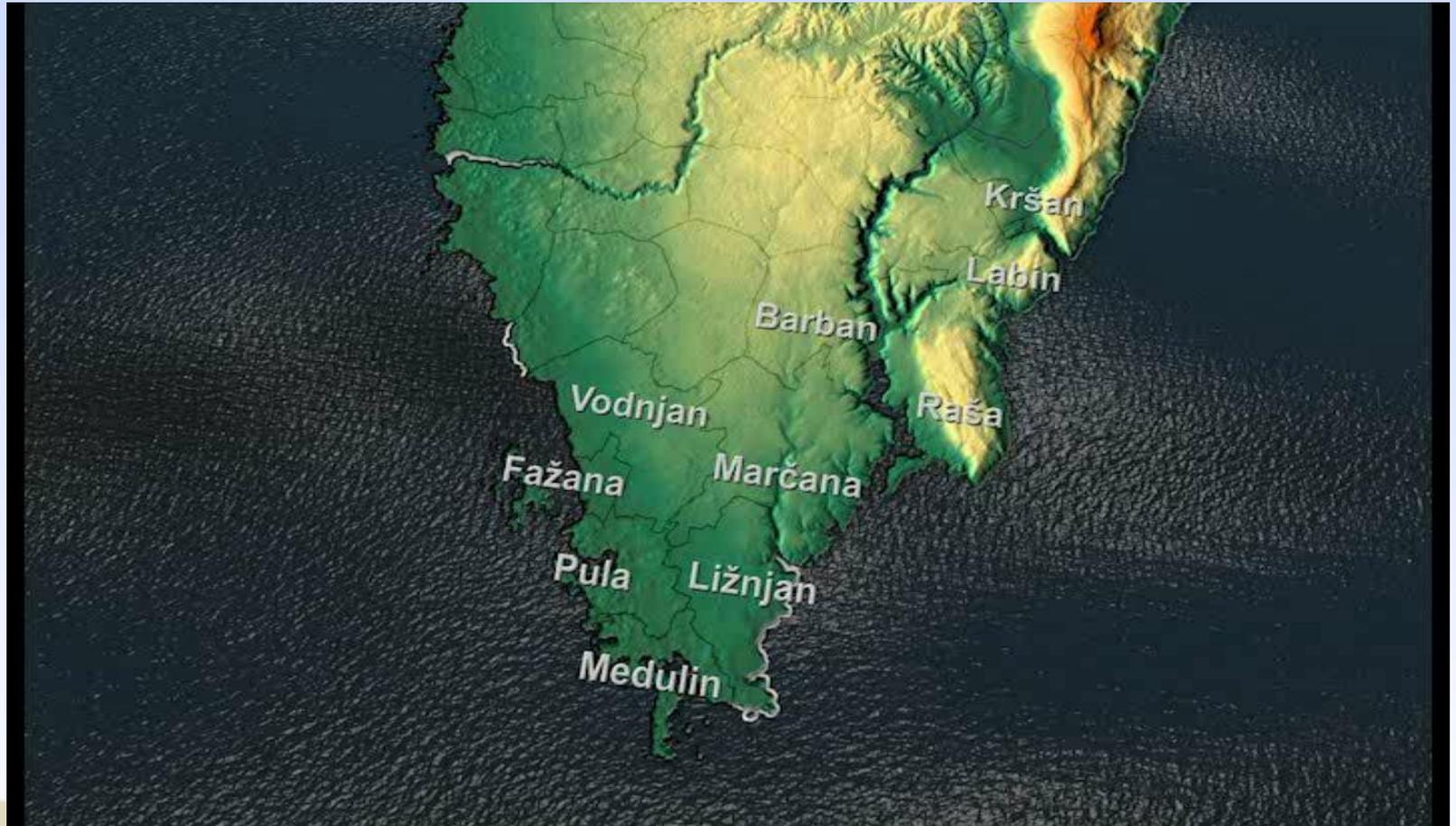
*4th SHAPE Project Meeting, Pescara, 17th April 2013.
Latinka Janjanin, Institut for Physical Planning Region of Istria,*

Mapping of marine habitats in the Region of Istria

Why mapping ?

- The preservation of marine and coastal habitats – the basis for reasonable and sustainable management of the Adriatic Sea
- NATURA 2000 ecological network (Habitat Directive)
- The State Institute for Nature Protection created the proposal of NATURA 2000 areas in Croatia (2008)-proposal was incomplete in regards to the marine part of NATURA 2000
- The Institute for Physical Planning Region of Istria*** began the mapping of marine habitats in 2008 with the aim to designate potential marine NATURA 2000 areas in the Region
- The Institute continued with the systematic mapping of marine habitats (SHAPE, WP5)





WHO?

-Biologist divers, diving instructors and C category skippers

2 workshops:



Mapping of marine habitats, 30-31. August 2011.



Team building, 2-3 September 2011.



- they were obliged to perform a control dive to 40 meters of depth in order to evaluate their readiness, behaviour and orientation under the sea



06.09.2011.- 17. 11.2011.

(55 working days, 293 diving fields)

Three diving pairs were on the boat each day and they performed successive diving, (two dives per day,) meaning six dives per day in total



-Biologist SCUBA diver (6)



-Diving instructors (12)



-Skippers (2)



- More than 2000 underwater photos,
- Over 10 hours video material



RESULTS

- 174 km of Istrian coastal zone have been mapped according to Habitat Directive up to 40 m of depth or to marine belt (300 m)
- 6 threatened and rare habitat types important for the EU Natura 2000
- 24 national habitat types
- new layers for GIS Atlas of the Adriatic Sea



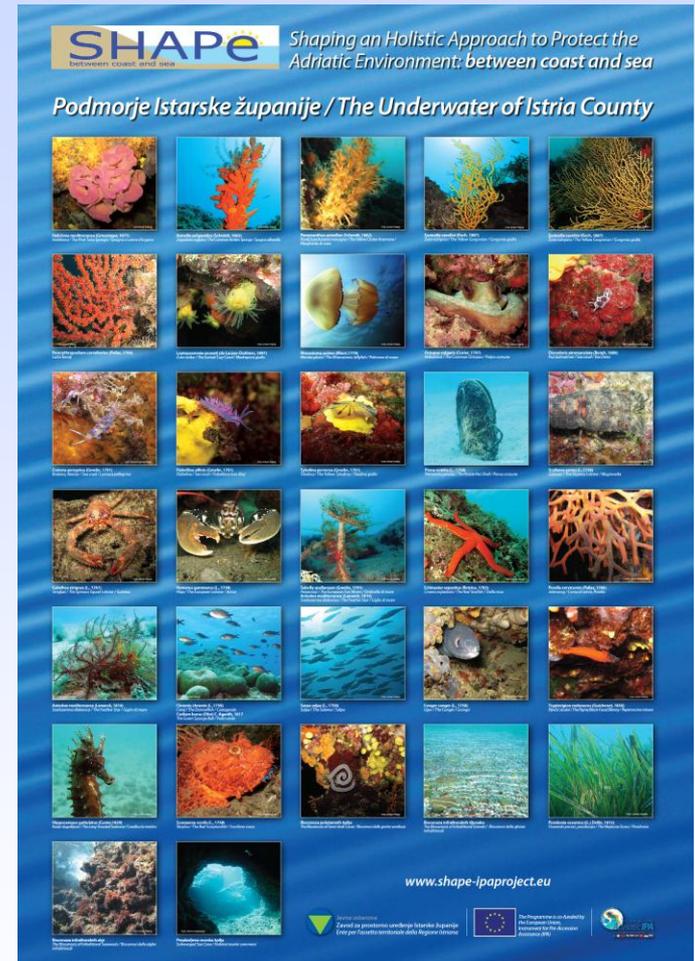
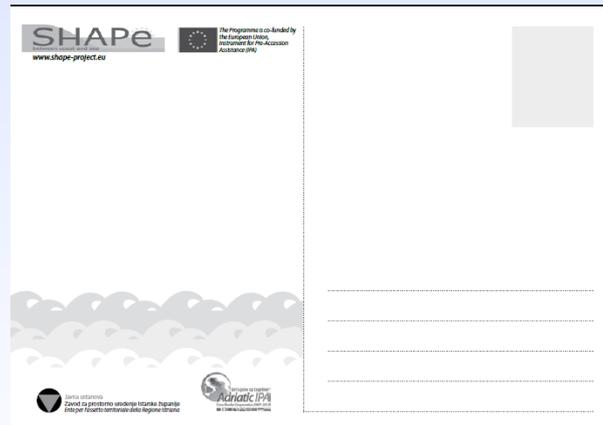
LINK with WP2



Discodoris atramaculata (Bergh, 1880) / Puž dalmatiner / Sea slug / Voccheta

Foto: Sandra Kamena Bujic

Postcards (5200 copies)



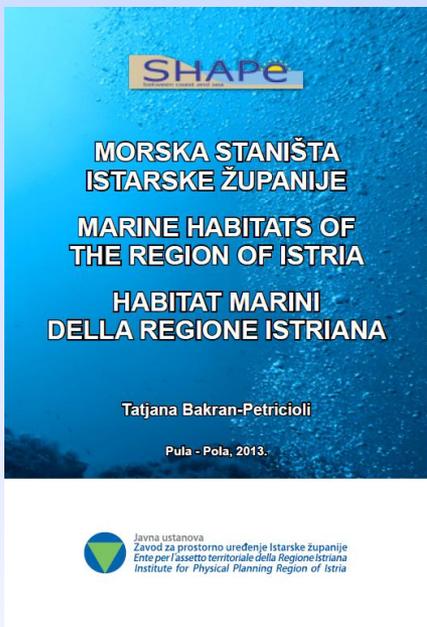
Poster (100 copies)

4th SHAPE Project Meeting, Pescara, 17th April 2013.
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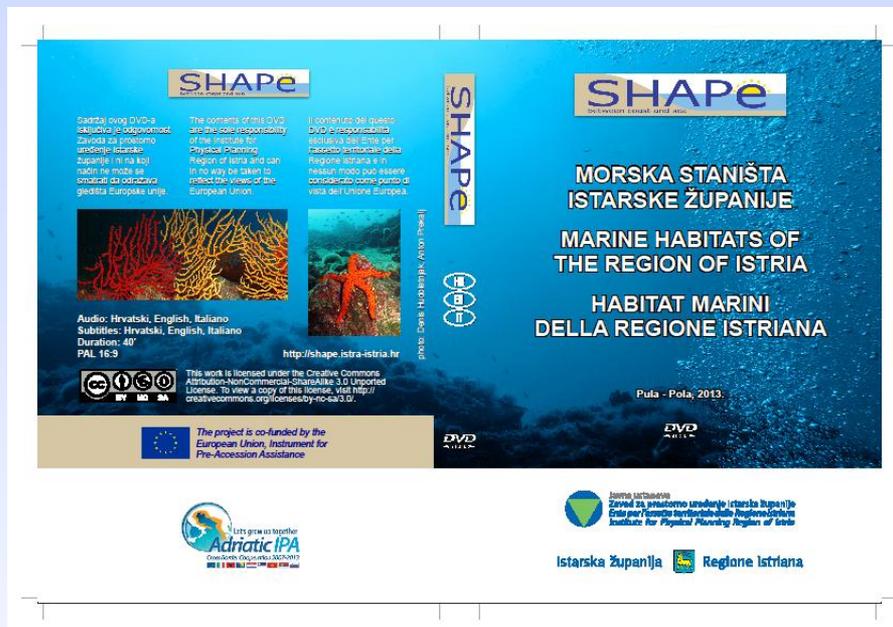
Mapping of marine habitats in the Region of Istria



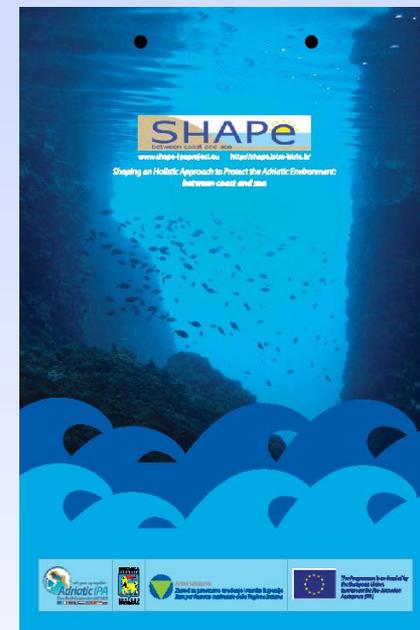
LINK with WP2



Brochure (750 copies)



DVD cover (500 copies)



Paper bag for DVD (500 copies)

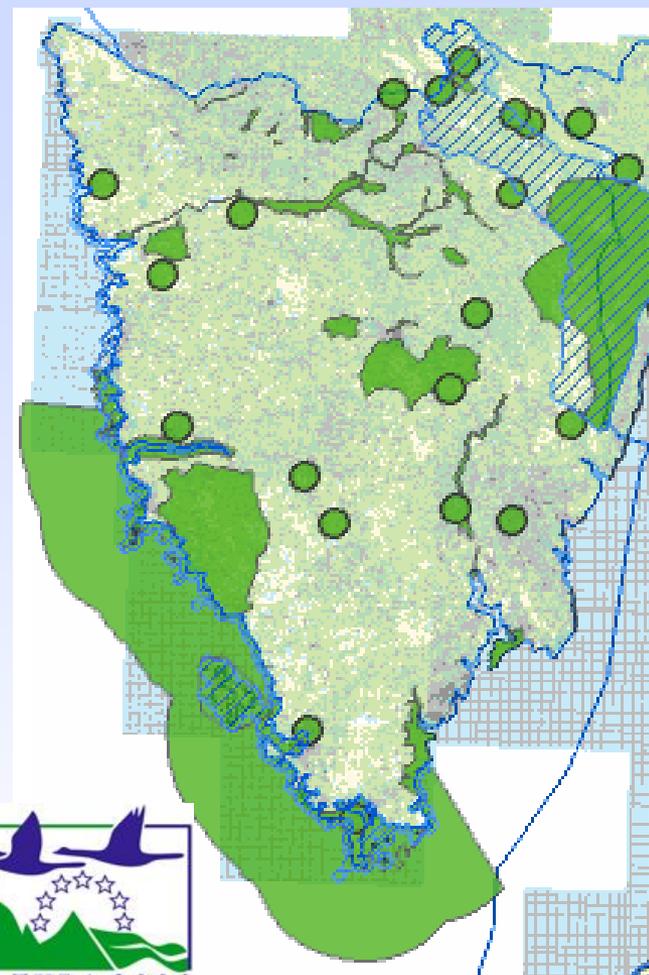
<http://shape.istra-istria.hr>



Proposal NATURA 2000 sites in Istria

-10 areas important for habitats and species which were proposed for the marine NATURA 2000 network, including the area of the National Park “Brijuni”

-Western and Eastern Istrian coast- well-developed and preserved coralligenous community, areas with sand bottom communities, marine caves and *Posidonia* meadows



Conclusion

The obtained results must become the basis for the future:

-Sustainable management and the use of the Region coastal zone

-Integrted Coastal Zone Management Plan



-Marine NATURA 2000 areas





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Thanks for your attention !

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