

AREA MARINA PROTETTA

portofino

# *Italian MPAs and the management of Natura 2000*

Valentina Cappanera  
Portofino MPA

## ***At National level***

The Italian Government recognized the habitat Directive with a Specific Regulation only in 1997 (DPR n. 357 of 08/09/1997 later modified by the DPR n. 120 of 12/03/2003 )  
(The European Commission started immediately a process of infraction)



**The subject in charge to the administrative and management functions linked to the Directive are the Regions**

DM 17/11/2007: Minimum criteria for the definition of conservation measures in Special Conservation Zones (SCZ) and Special Protection Zones (SPZ)

# Surface of terrestrial and marine Sites of Community Importance

REGIONE	Natura 2000***				
	sites	terrestrial		marine	
		sup. (ha)	%	sup. (ha)	%
**Abruzzo	58	387.084	35,74%	3.410	1,36%
Basilicata	58	171.104	16,99%	5.894	1,00%
Calabria	184	289.572	19,02%	33.352	1,90%
Campania	124	373.030	27,29%	25.072	3,05%
Emilia Romagna	158	266.250	11,86%	3.556	1,64%
Friuli Ven. Giulia	63	146.734	18,66%	5.002	6,01%
**Lazio	200	398.034	23,10%	53.448	4,73%
Liguria	133	139.959	25,84%	9.133	1,67%
Lombardia	242	372.153	15,59%	/	/
**Marche	95	141.585	15,06%	1.102	0,28%
**Molise	88	118.724	26,62%	0	0
*Piemonte	145	398.703	15,70%	/	/
PA Bolzano	40	149.931	20,27%	/	/
PA Trento	142	176.181	28,38%	/	/
Puglia	84	402.387	20,59%	74.981	4,88%
Sardegna	124	452.366	18,77%	122.470	5,46%
Sicilia	238	469.847	18,19%	169.288	4,49%
Toscana	151	320.557	13,95%	70.541	4,32%
Umbria	102	130.094	15,37%	/	/
*Valle d'Aosta	30	98.952	30,35%	/	/
Veneto	130	414.308	22,51%	3.849	1,10%
<b>TOTALE</b>	<b>2589</b>	<b>5.817.557</b>	<b>19,26%</b>	<b>581.099</b>	<b>3,76%</b>

## ***Sicilia Region***

With a Regional decree of the Department of Environment of Sicily n. 814 of 7/11/2016, Sicily Region identified MPAs as Managers of SCI and the limits of SCI correspond to the limits of the sicilian MPAs

### ***Ustica MPA***

The MPA worked on **conservation measures** approved with a deliberation of the local municipality n.59 of 16/09/2017

Management plan doesn't exist – Sicily Regione funded only terrestrial sites

**No funds are specifically forecasted for the management of the sites**

### ***Egadi MPA***

It is in charge of the management of “***Fondali dell’Arcipelago delle Isole Egadi***” SCI (Regional decree n.814 of 7/11/2016).

Management plan doesn't exist – On 6/09/2017 Sicily Region approved conservation measures

**No funds are specifically forecasted for the management of marine sites**

### ***Isole Ciclopi MPA***

It is in charge of the management of “***Fondali di Acicastello***” SCI (Regional decree n.814 of 7/11/2016).

Management plan doesn't exist – On 6/09/2017 Sicily Region approved conservation measures

**No funds are specifically forecasted for the management of marine sites**

## ***Sardinia Region***

Generally speaking Sardinia Region designed SCIs corresponding to Sardinian MPAs  
They worked on management plan but they don't have conservation measures

### ***Penisola del Sinis MPA***

The MPA has the jurisdiction on 2 SCIs and 2 SPZs

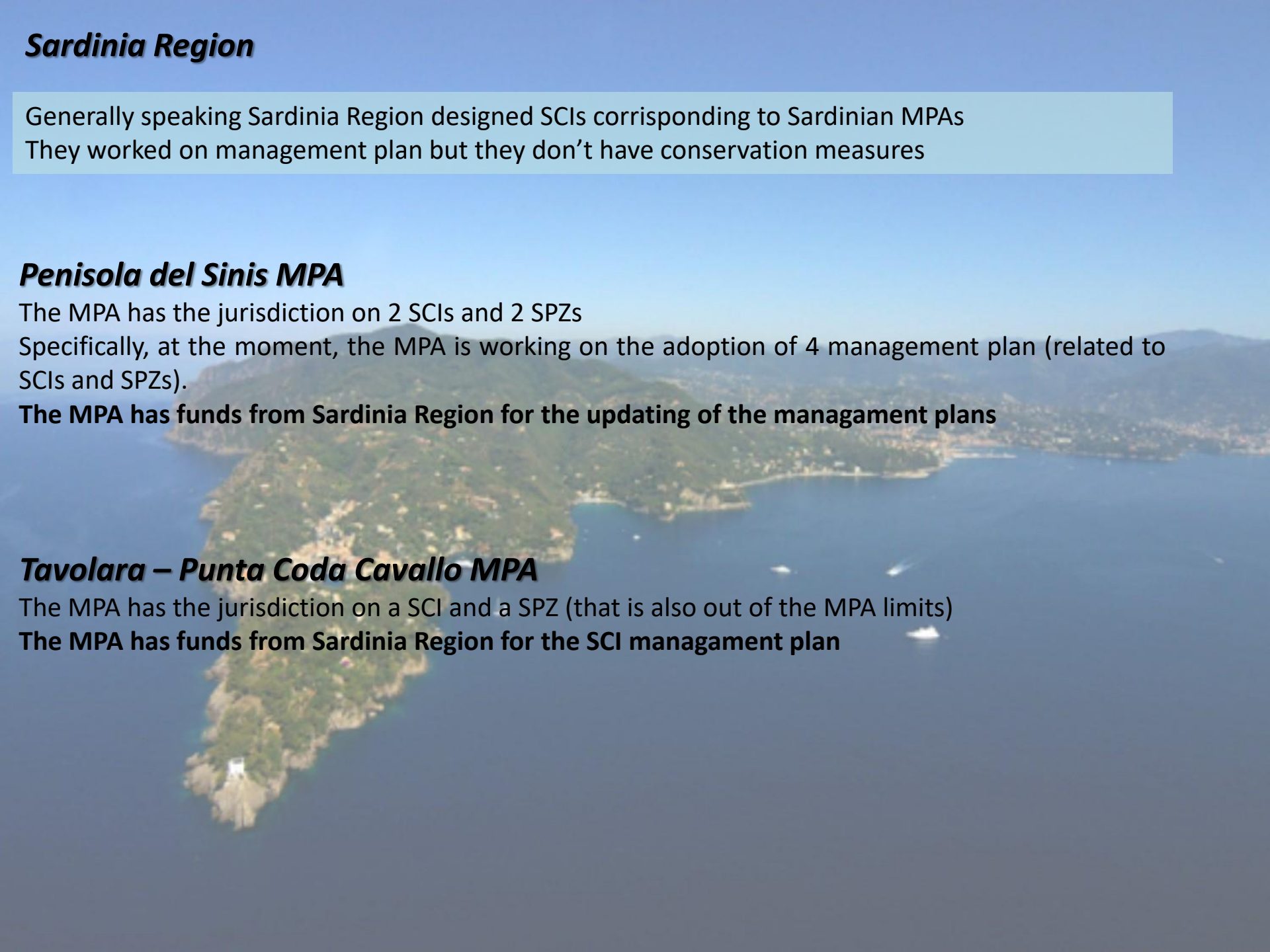
Specifically, at the moment, the MPA is working on the adoption of 4 management plan (related to SCIs and SPZs).

**The MPA has funds from Sardinia Region for the updating of the management plans**

### ***Tavolara – Punta Coda Cavallo MPA***

The MPA has the jurisdiction on a SCI and a SPZ (that is also out of the MPA limits)

**The MPA has funds from Sardinia Region for the SCI management plan**



## ***Apulia Region***

The Apulia identified SCIs (and then SCZs) with the regional decree n.357 of 8/09/2018

In some cases Apulian Region is on the point to give the management of Natura 2000 sites to MPAs

### ***Torre Guaceto MPA***

The MPA is in charge to the management of the SCI «***Torre Guaceto e Macchia San Giovanni***» for the peace that is included in the limits of the MPA

It has a management plan approved in 2010 but, at the moment, Apulian Region hasn't still transformed it into SCZ. In addition the zone out of the MPA is difficult to manage above all for political issues.

**No funds are specifically forecasted for the management of marine sites**

### ***Isole Tremiti MPA***

The MPA is managed by the National Park of Gargano, Apulia Region identified the SCZ «***Isole Tremiti***» but hasn't still entrusted the management to the Park.

Management plan doesn't exist – Apulia Region approved conservation measures (Regulation n. 6 of 10/05/2016)

**No funds are specifically forecasted for the management of marine sites**

## ***Calabria Region***

Calabria approved management plans for SCIs with the Regional decree n. 948 of 9/12/2008  
It identified SCZs inside its territory (Regional decree n.45 of 3/03/2017) and entrusted their management to the MPAs (Regional deliberation n. 378 of 10/08/2018)

### ***Capo Rizzuto MPA***

The MPA is in charge to the management of the SCZ «***Fondali di Gabella Grande***» (outside the MPA limits), «***Fondali da Crotone a La Castella***» (80% inside the MPA), «***Capo Colonne***», «***Dune di Sovereto***», «***Capo Rizzuto***» (inside the MPA).

Concerning «***Fondali di Gabella Grande***» and «***Fondali da Crotone a La Castella***» management plan and conservation measures applied are the ones of the MPA

Calabria Region identified specific funds dedicated to the SCIs and SCZs with specific actions addressed to valorize sites and promote development processes



## ***Lazio Region***

Lazio designed marine SCIs with the DGR n. 2146 of 19/03/1996

Approved conservation measures and management plan with regional decree n.888 of 16/12/2014

Istituted the management plan where there are no MPAs

Where an MPA is, the MPA management plan is adopted

### ***Ventotene MPA***

The MPA is in charge of the management of the SCZ «**Fondali circostanti l'Isola di Ventotene**» and «**Fondali circostanti l'Isola di S. Stefano**»

Lazio Region approved conservation measures taking into consideration the MPA regulation of 2014.

**No dedicated funds are**





## ***Abruzzo Region***

It designed SCIs with the DGR n. 157 of 08/07/2005 but not at marine level

**Conservation measures** established with the regional decree n.279 of 25/05/2017

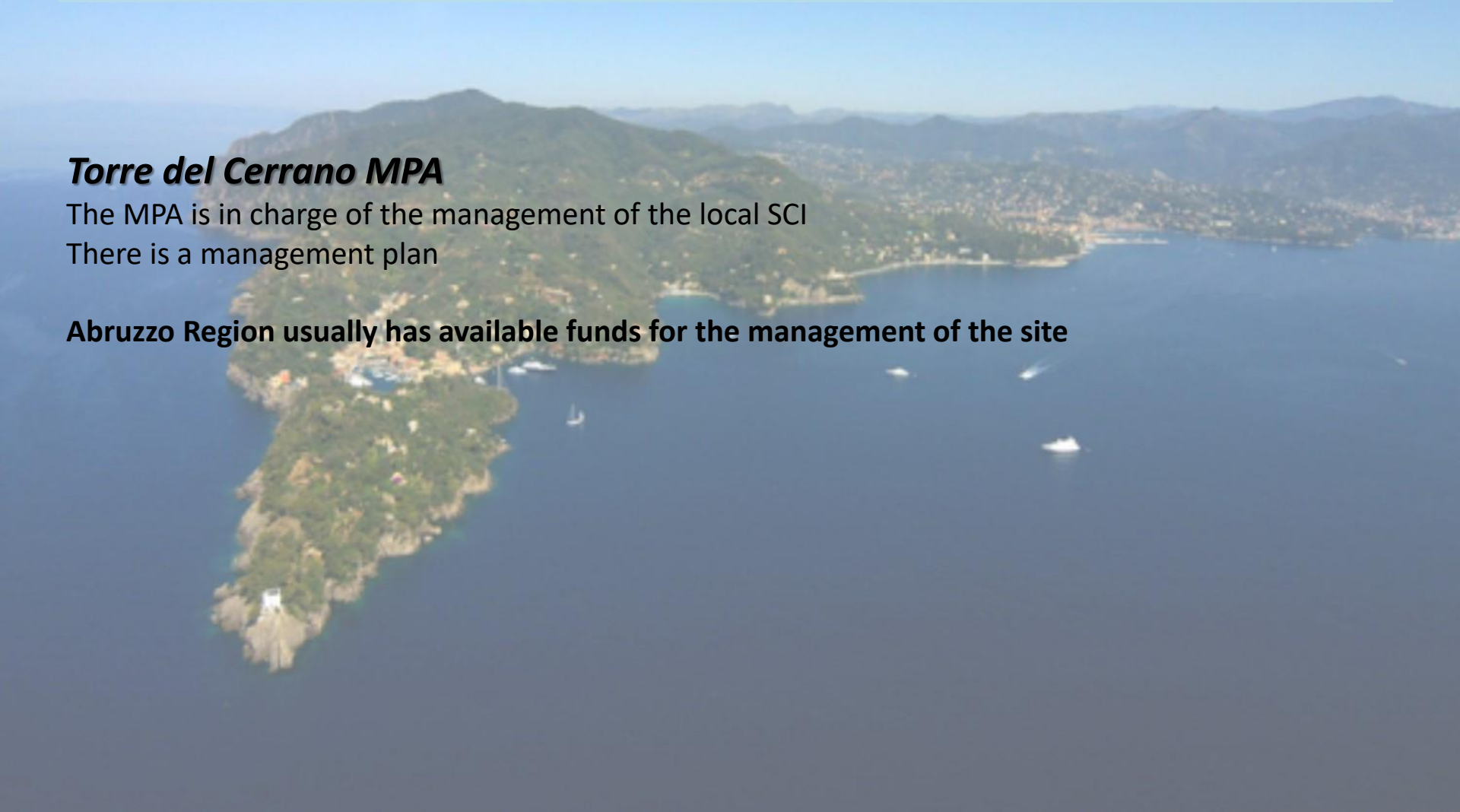
Where an MPA is, the MPA management plan is adopted

### ***Torre del Cerrano MPA***

The MPA is in charge of the management of the local SCI

There is a management plan

**Abruzzo Region usually has available funds for the management of the site**



# Liguria Region

In 1997 Liguria Region identified 26 marine SCIs, above all for the presence of *Posidonia oceanica* meadow

Then, with a series of other administrative orders from 2010 to 2012, Liguria Region proposed a new delimitation of marine Sites of Community Importance including coralligenous habitat, beach – rock and underwater caves

RD 1561 del 7/12/2005 for the delimitation of Sites of Community Importance in Liguria

R.L. n.28 of 10/07/2009: Arrangement concerning conservation and evaluation of biodiversity



Where Sites of Community Importance are included in protected territories, Liguria Region entrusted the management of Natura 2000 sites to the Managers of Marine Protected Areas

**Conservation measures** for marine SCIs adopted with Regional decree n. 1459 of 21/11/2014  
Management plans to do but totally integrated with the MPA management plan if locally in force

## ***Bergeggi MPA***

It is put in charge to the SCI management with a Regional decree n.28 of 10/07/2009 – «**Fondali Noli – Bergeggi**» and «**Isola Bergeggi - Punta Predani**»

**There is no management plan and no funds available**

## ***Portofino MPA***

It is put in charge to the SCZ management with a Regional decree n.28 of 10/07/2009 – «**Fondali Monte di Portofino**»

**There is no management plan and no funds available**



# The case of Portofino Marine Protected Area (MPA)



- Zona A (no take-no entry zone) – 19 he
- Zona B (generally protected zone) - 167 he
- Zona C (partially protected zone) - 188 he

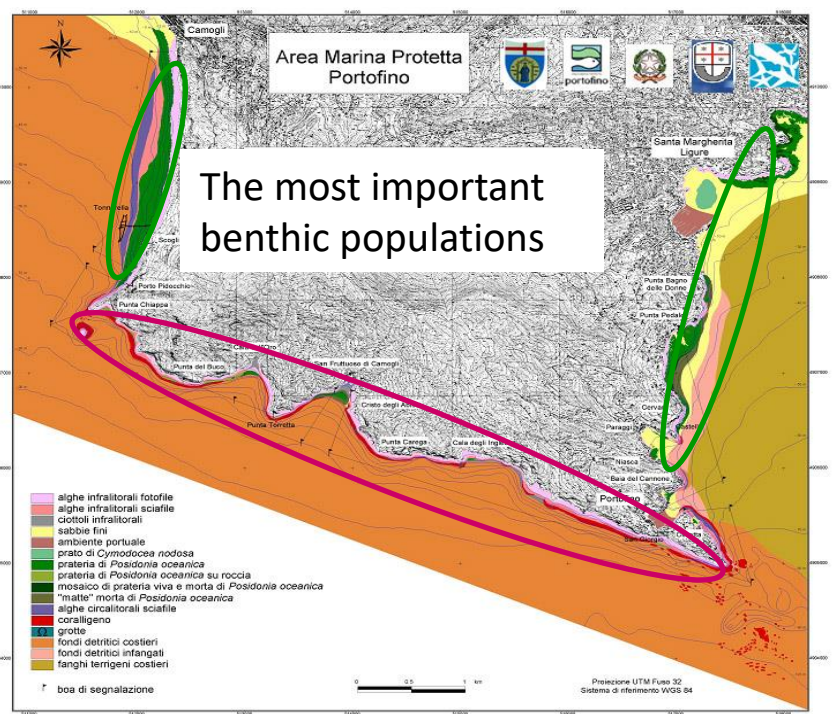
SPAMI (2005)

L-TER (2007)

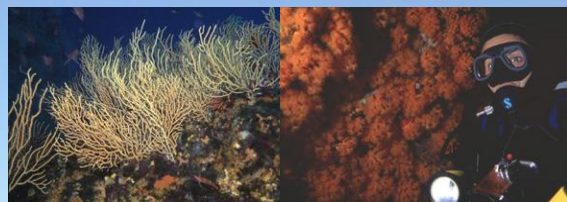
site

- established in 1999
- 346 he
- 15 Km of coast
- includes the Municipalities of Camogli, Portofino and S.Margherita Ligure

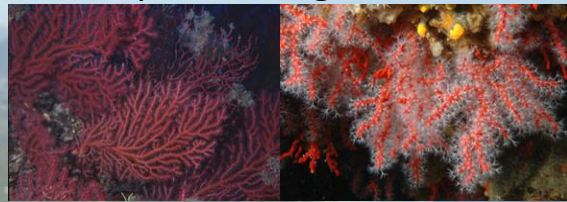
# Portofino environment



Seaweed environment



pre-coraligenous



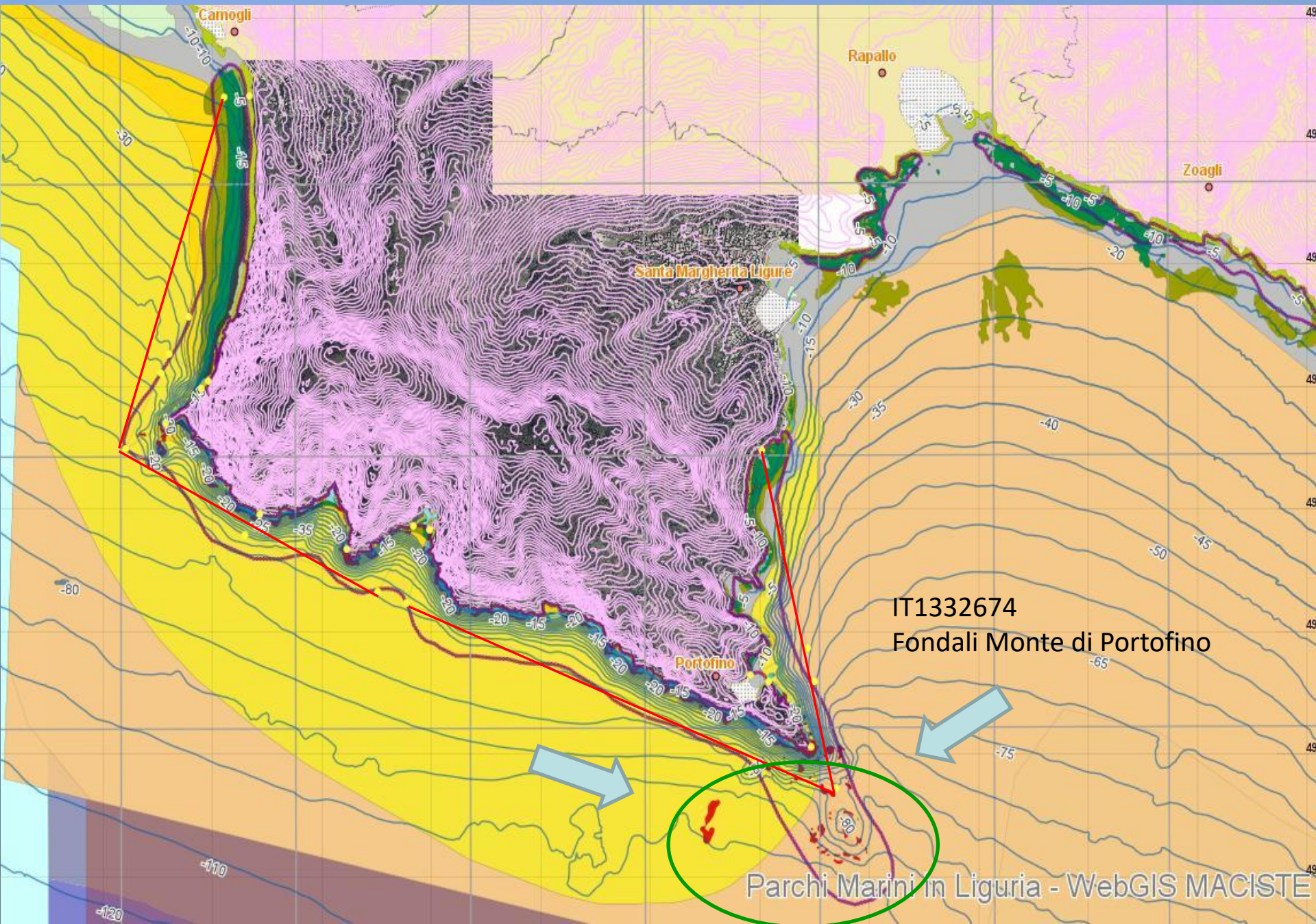
Coralligenous and twilight environments

Along the western and eastern slopes of the Promontory:  
meadow of *Posidonia oceanica*

The typical biocenosis of the southern slope are the pre-coraligenous and coralligenous one

Portofino MPA -Zoning	A (19,05 he)	B (167,02 he)	C (188,061 he)
Fine sand	0	0,13	11,49
Infralittoral plebbes (IP)	0,59	1,50	0
Photophilic infralittoral algae (PIA)	2,77	17,55	20,54
Sciaphilic red algae	1,15	11,50	15,53
<i>Posidonia</i> meadows(HP)	0,53	0,41	38,97
Mixed of living and dead <i>Posidonia</i>	0	0	0,99
Dead matte of <i>Posidonia</i>	0	0,35	3,83
Sciaphilic circalittoral algae	0		14,98
Coastal muddy bottoms (VTC)	0	0	15,58
Coralligenous assemblages (C)	0,74	17,21	2,75
Coastal detritus (CD)	10,75	144,94	42,15
Muddy detritus (MD)	0	0	14,48

# Habitat map vs SCI



At the moment Portofino MPA has a specific management plan and a regulation for human activities

The challenge is the integration between the MPA management plan and the one of the SCZ

At the moment we are working on an Interreg project called GIREPAM under the Maritime programme 2014 – 2020 and we have to adopt guidelines from Sardinia Region concerning the creation of the management plan



Then, as Portofino MPA, we have a LIFE project (RELIFE) focused on the reintroduction of a the species *P. ferruginea* from the Sardinian MPA Tavolara to the Ligurian coast.



In order to comply with the indications dictated by the Habitats Directive, Portofino, together with other Ligurian MPAs (Bergeggi and 5Terre), established a working table with Regione Liguria, in order to proceed to integrate the species list of the standard forms of the Natura 2000 sites. All this contributing to the Natura 2000 Network

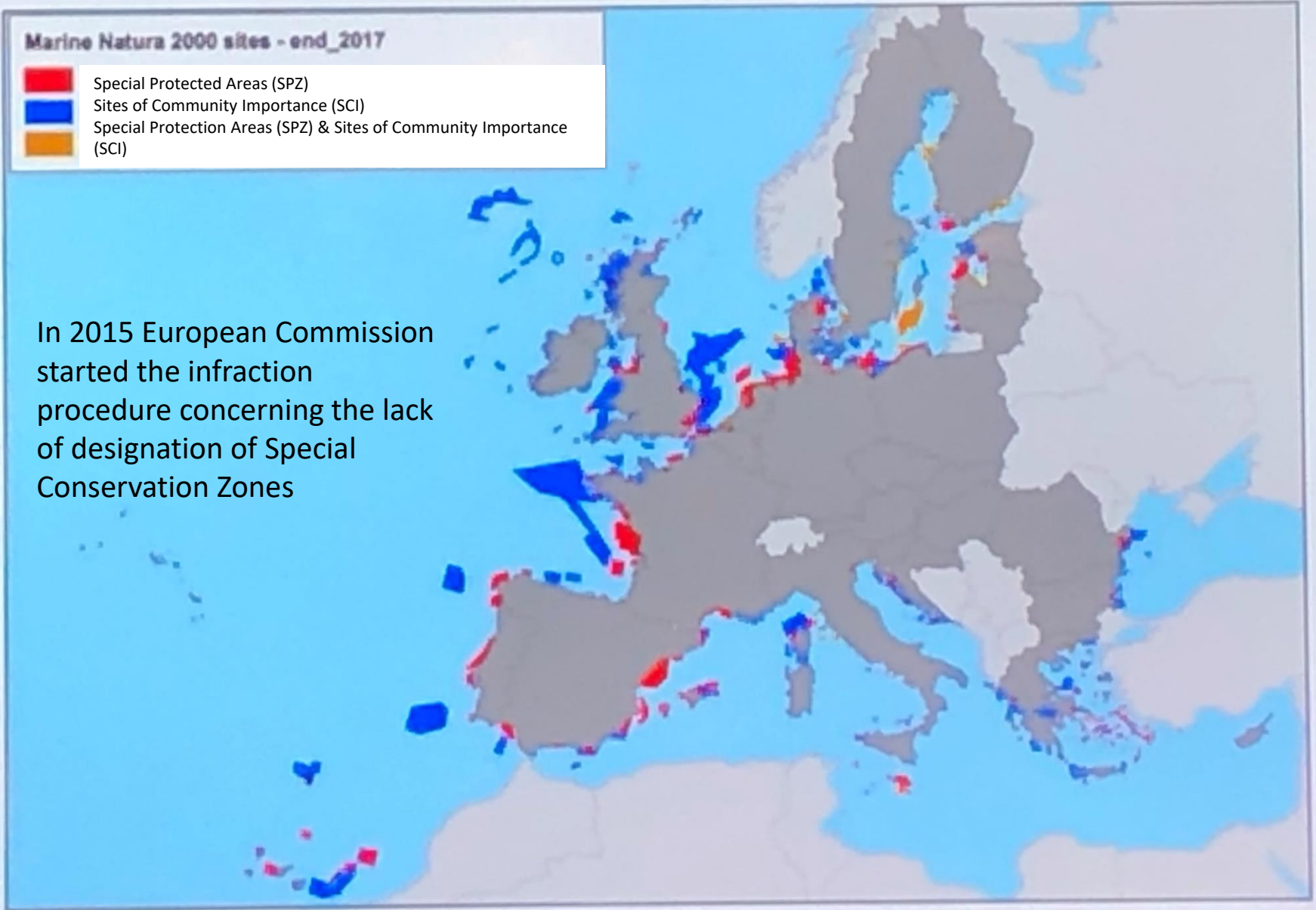
**So Portofino MPA manages the Natura 2000 site also by the use of European funds.**



## Marine Natura 2000 sites - end\_2017

- Special Protected Areas (SPZ)
- Sites of Community Importance (SCI)
- Special Protection Areas (SPZ) & Sites of Community Importance (SCI)

In 2015 European Commission started the infraction procedure concerning the lack of designation of Special Conservation Zones



From the map is clearly evident that Italy doesn't exist while France, Croatia and Malta work  
The Italian situation is not good but, as MPAs we couldn't do more than we just do



## ***In conclusion..***

- 1) Where a Natura 2000 site is inside or partially included in an MPA, the MPA becomes the manager of the site even if Region doesn't entrust the management of the site (with Government funds or throughout European funds)
- 2) Usually, if the Natura 2000 site is out of an MPA, the management doesn't exist and if some conservation measures are, they aren't applied
- 3) There is a lack of homogeneity at Italian level because some Regions funded the creation of management plans before conservation measures
- 4) In many cases Regions have the total power on management of Natura 2000 sites

So the process seems to be longer than the one foreseen but it is difficult to compare Italy with any other European country because, for example, in France some Natura 2000 sites have permanent employee while the Italian MPAs haven't

Besides, in Italy, Natura 2000 sites are almost totally inside the MPAs limits. The MPAs have a limited extension and are not far from the coast, so they couldn't have a real key role in the ecological network as forecasted by the European Union

***Thank you  
for your attention***

***Valentina Cappanera  
v.cappanera@portofinoamp.it***

