

ICT platform 1st updating report Emilia-Romagna Region

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1. Introduction

The following pages offer a brief overview of the small ports of the Emilia-Romagna Region that face the Adriatic Sea. Data from these structures have been collected during the first phase of data collection conducted by LP in 2021 with the support of the stakeholders of the territory such as Assonautica and Assomarinas.

The survey covered the following structures:

1. Marina degli Estensi
2. Marina di Cattolica
3. Marina di Goro
4. Marina di Rimini
5. Porto Turistico di Cesenatico – Onda Marina
6. Porto Canale di Cesenatico
7. Porto Canale di Porto Garibaldi
8. Porto Canale di Rimini

These constitute only a part of the small ports present in the Emilia-Romagna Region. Indeed, further data will be collected in the second round of data collection that will be performed in the upcoming months till the end of the project, foreseen for June 2023.

Furthermore, the FRAMESPORT ICT portal that has been developed during the project implementation and that is close to its publication, has been conceived to be a dynamic tool allowing stakeholders as well as managers and owners of the small ports to interact with it, having access to the data concerning their structure(s) and having the possibility to modify them so that they are always updated.

The next chapters report data of the structures recorded so far, including a map showing their location.

In particular, the data hereby presented concern the following topics:

- Dimensional characteristics
- Technical services
- Services to boaters
- Distance from main services and other infrastructures

2. The small ports of Emilia-Romagna Region

Name of the port	Latitude	Longitude	City
Marina degli Estensi	44,67102157	12,23498271	Comacchio - Porto Garibaldi
Marina di Cattolica	43,96971119	12,74836422	Cattolica
Marina di Goro	44,84359189	12,29152213	Goro
Marina di Rimini	44,07514443	12,57042075	Rimini
Porto Turistico di Cesenatico	44,20563486	12,39636263	Cesenatico
Porto Canale di Cesenatico	44,20355863	12,39931012	Cesenatico
Porto Canale di Porto Garibaldi	44,6753389	12,2304333	Porto Garibaldi
Porto Canale di Rimini	44,0745861	12.57403888	Rimini

Table 1. The small ports of Emilia-Romagna recorded during the first round of data collection with related coordinates

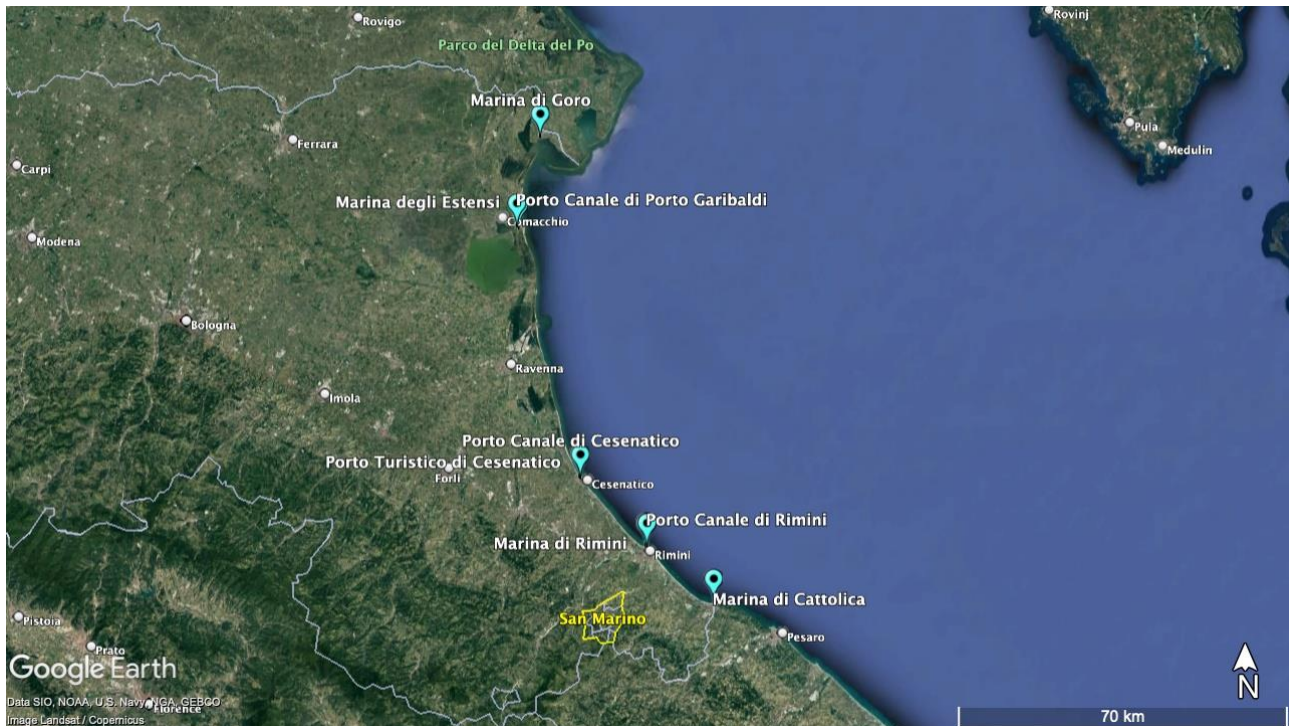


Figure 1. Map of the small ports' location

3. Data collected

3.1 Dimensional characteristics

Name	Nr. of berths 2,5 x 7,0	Nr. of berths 3,0 x 8,5	Nr. of berths 3,5 x 10,0	Nr. of berths 4,0 x 11,5	Nr. of berths 4,5 x 13,0	Nr. of berths 5,5 x 18,0	Nr. of berths 6,0 x 21,0	Nr. of berths 6,5 x 24,0	Nr. of berths 7,0 x 28,0	Nr. of berths 7,5 x 32,0	Nr. of berths 8,0 x 36,0
Marina degli Estensi	67	0	106	19	35	46	0	0	0	0	0
Marina di Cattolica	5	12	37	34	38	37	0	12	0	9	1
Marina di Goro	180	-	120	-	52	-	0	0	0	0	0
Marina di Rimini	96	100	110	7	94	35	12	8	4	0	0
Porto Turistico di Cesenatico	9	8	88	0	58	73	2	0	0	0	0
Porto Canale di Cesenatico	29	52	35	12	0	8	0	0	0	0	0
Porto Canale di Porto Garibaldi	20	43	50	54	10	0	0	0	0	0	0
Porto Canale di Rimini	100	15	70	12	22	2	0	0	0	0	0

Table 2. Number of berths for categorical dimensions. "0" when no moorings are available for that category, "-" missing information

Name	Max draft in meter	Max height boats	Max length boats	Max vessel tonnage	Minimum seabed depth (in meters)	Width of the entrance to the port (in meters)	Total area (m ²)
Marina degli Estensi	2,5	25	25	150	3	35	41000
Marina di Cattolica	3,5	30	35	150	4	31	-
Marina di Goro	1,6	20	16	50	2,1	51	150000
Marina di Rimini	4	30	45	150	3,5	46	103000
Porto Turistico di Cesenatico	3	30	30	150	3	37	-
Porto Canale di Cesenatico	2	30	26	150	2	37	-
Porto Canale di Porto Garibaldi	2,5	20	20	150	2,5	35	-
Porto Canale di Rimini	2,4	30	18	100	3,2	46	-

Table 3. Dimensional information to access the small ports. "-" missing information

3.2 Technical services

Name	Lowering and raising the vessel into the sea	Hull washing	Place for temporary storage	Vessel storage space	Boat transfer trailer	Crane/ self-propelled land / lift services	Technical diver service	Fire protection system
Marina degli Estensi	1	1	1	1	1	1	1	1
Marina di Cattolica	1	1	1	1	1	1	1	1
Marina di Goro	1	1	1	1	0	1	1	1
Marina di Rimini	1	1	1	1	1	1	1	1
Porto Turistico di Cesenatico	1	1	1	1	1	0	1	1
Porto Canale di Cesenatico	1	1	1	1	1	1	1	1
Porto Canale di Porto Garibaldi	1	1	1	1	0	1	1	1
Porto Canale di Rimini	1	1	1	1	1	1	1	1

Table 4. Services offered by the small ports. "1" presence of the service, "0" absence of the service, "-" missing information

Name	Ton's capacity for trailer	Ton's capacity for crane	Shipyard	Mechanical workshops
Marina degli Estensi	16	3,5	0	0
Marina di Cattolica	150	100	1	0
Marina di Goro		11	1	0
Marina di Rimini	100	65	0	0
Porto Turistico di Cesenatico	50		0	0
Porto Canale di Cesenatico	160	80	1	0
Porto Canale di Porto Garibaldi		80	1	0
Porto Canale di Rimini	100	60	1	0

Table 5. Services offered by the small ports. "1" presence of the service, "0" absence of the service, "-" missing information

Name	Ancillary services
Marina degli Estensi	-
Marina di Cattolica	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging ○ Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics ○ Warehouseman

Name	Ancillary services
	<ul style="list-style-type: none"> ○ Resin activities ○ Nautical carpenter
Marina di Goro	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging ○ Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics ○ Warehouseman ○ Resin activities ○ Nautical carpenter
Marina di Rimini	-
Porto Turistico di Cesenatico	-
Porto Canale di Cesenatico	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging-Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics ○ Warehouseman ○ Resin activities ○ Nautical carpenter
Porto Canale di Porto Garibaldi	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging ○ Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics ○ Warehouseman ○ Resin activities ○ Nautical carpenter
Porto Canale di Rimini	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or stores ○ Bodywork

Name	Ancillary services
	<ul style="list-style-type: none"> ○ Sailmaking and sail repair ○ Sale of technical products for the boat on a commission basis ○ Upholstery activities ○ Rigging ○ Mechanical workshop ○ Electrotechnician ○ Shipmaster ○ Careening activities ○ Electronics-Warehouseman ○ Resin activities ○ Nautical carpenter

Table 6. List of ancillary services to shipyard. “-” missing information

3.3 Services to boaters

a)

Name	Mooring service	Mooring service H 24	Emergency mooring service	Night Watchmen	Do they also perform the mooring service?
Marina degli Estensi	1	0	0	1	0
Marina di Cattolica	1	0	0	1	0
Marina di Goro	1	0	0	1	0
Marina di Rimini	1	0	0	1	0
Porto Turistico di Cesenatico	1	0	0	0	
Porto Canale di Cesenatico	1	0	0	0	
Porto Canale di Porto Garibaldi	1	0	0	0	
Porto Canale di Rimini	1	0	0	0	

b)

Name	Secretariat service	Management	Toilets	Car parking	Security	Showers	Radio	Radio H 24
Marina degli Estensi	1	1	1	1	1	1	1	1
Marina di Cattolica	1	1	1	1	1	1	1	1
Marina di Goro	1	1	1	1	1	1	1	1
Marina di Rimini	1	1	1	1	1	1	1	1
Porto Turistico di Cesenatico	1	1	1	1	0	1	1	1
Porto Canale di Cesenatico	1	1	1	1	0	1	1	1
Porto Canale di Porto Garibaldi	1	1	1	1	0	1	1	1
Porto Canale di Rimini	1	0	1	1	0	1	1	1

Table 7 a, b. Services provided by small ports to boaters. “1” presence of the service, “0” absence of the service, “-” missing information

3.4 Distance from main services and other infrastructures

a)

Name	Distance (in km) to the railway station	Distance (in km) to the railway stop	Distance (in km) to the airport	Distance (in km) to the bus station	Distance (in km) to the bus stop
Marina degli Estensi	30		97	0,8	
Marina di Cattolica	0,8		7		0,1
Marina di Goro	66		135		2
Marina di Rimini	0,8		7	0,8	0,1
Porto Turistico di Cesenatico	0,6		31		0,5
Porto Canale di Cesenatico	0,6		31	0,8	0,1
Porto Canale di Porto Garibaldi	32		98	1	1
Porto Canale di Rimini	0,8		7	0,8	0,1

b)

Name	Distance (in km) to the tram station	Distance (in km) to the tram stop	Distance (in km) to the highway	Distance (in Km) to the fire brigades	Distance (in km) to the carabinieri	Distance (in km) to the police station
Marina degli Estensi			58	1,8	1,9	106
Marina di Cattolica		0,8	5,5	3,9	1,9	10,2
Marina di Goro			74	20	7,9	17
Marina di Rimini			5,3	6	0,5	4,2
Porto Turistico di Cesenatico			11,7	1,5	3,9	17
Porto Canale di Cesenatico			11,7	1,5	3,9	17
Porto Canale di Porto Garibaldi			68	1,7	0,35	18
Porto Canale di Rimini			4,2	6	0,1	4,2

c)

Name	Presence of the customs	Distance (in km) from the nearest hospital / emergency center	Time to reach the first emergency center by car	Time to reach the first emergency center by foot	Is there an emergency helicopter medical service?	Are there defibrillators in the port?	Is there a fuel distribution system in the port?
Marina degli Estensi	0	5,9	8	1,29	1	1	1

Marina di Cattolica	0	2,9	8	31	1	1	1
Marina di Goro	0	28,8	29	276	1	1	1
Marina di Rimini	0	4,9	11	49	1	1	1
Porto Turistico di Cesenatico	0	3	9	32	1	1	1
Porto Canale di Cesenatico	0	3	9	32	1	1	1
Porto Canale di Porto Garibaldi	0	5,9	11	95	1	1	1
Porto Canale di Rimini	0	5,1	11	49	1	1	1

Table 8 a, b, c. Distances are indicated in number of Kilometers, while services are presented as "1" presence of the service, "0" absence of the service, "-" missing information

The picture that emerges from the survey offers an interesting overview of the dimensional characteristics and services provided by the small ports of the region, as well as their connectivity with the territory. This highlights the existence of a lively and important reality that could be better exploited and promoted to generate a profitable socio-economic interest for the whole area.

Further data on:

- i. *demand and rates* (e.g., percentage of users per age range, users' categorization, vessels and berth usage),
- ii. *ecological services* (e.g., presence of wastewater monitoring system, separate waste collection system, wastewater treatment plant, environmentally friendly tanks for collecting waste oils and wastewater, battery disposal etc..) and
- iii. *services for the territory* (e.g., presence of a tour guide, of touristic information documentation (digital or paper), of half/full-day tourist excursions)

have been also collected for such small ports.

Such data will be available in the FRAMESPORT portal for registered users.