

ICT platform 1st updating report Puglia Region

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1. Introduction

The following pages offer a brief overview of the small ports of the Puglia 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 di Vieste
2. Porto di Otranto
3. Vieste Ormeggi
4. Porto Turistico di Rodi Garganico

These constitute only a part of the small ports present in the Puglia 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 Puglia Region

Name of the port	Latitude	Longitude	City
Marina di Vieste	41.886675	16.173239	Vieste
Porto di Otranto	40,14783	18,49467	Otranto
Vieste Ormeggi	41.886000	16.178281	Vieste
Porto Turistico di Rodi Garganico	41,9331179	15,8905203	Rodi Garganico

Table 1. The small ports of Puglia 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 di Vieste	35	35	50	35	20	10	3	3	3	3	3
Porto di Otranto	400	150	100	50	40	5	-	0	0	0	2
Vieste Ormeggi	20	20	15	10	4	6	2	2	2	1	0
Porto Turistico di Rodi Garganico	0	97	32	94	34	13	31	8	0	0	1

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 di Vieste	5	-	50	-	1,8	200	26000
Porto di Otranto	7,5	3,5	40	-	1,5	180	80000
Vieste Ormeggi	2,3	5	32	50	2,5	4,5	4500
Porto Turistico di Rodi Garganico	4	15	45	250	3,5	4	60000

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

3.2 Technical services

Name	Lowering and raising 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 di Vieste	0	0	0	0	0	1	0	1
Porto di Otranto	1	1	1	0	0	1	1	1
Vieste Ormeggi	0	0	0	0	0	0	1	1
Porto Turistico di Rodi Garganico	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 di Vieste	-	15	0	0
Porto di Otranto	-	10	1	1
Vieste Ormeggi	-	-	0	1
Porto Turistico di Rodi Garganico	40	90	1	1

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

Name	Ancillary services
Marina di Vieste	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or store ○ Sale of technical products for the boat on a commission basis ○ Mechanical workshop ○ Electrotechnician ○ Careening activities ○ Electronics
Porto di Otranto	-
Vieste Ormeggi	-
Porto Turistico di Rodi Garganico	<ul style="list-style-type: none"> ○ Sale of technical products for the boat in shops and/or store ○ Sale of technical products for the boat on a commission basis ○ Mechanical workshop ○ Electrotechnician ○ Careening activities ○ Electronics ○ Bodywork ○ Upholstery activities ○ Shipmaster ○ Warehouseman ○ Resin activities

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 di Vieste	1	1	1	1	1
Porto di Otranto	1	1	1	1	1
Vieste Ormeggi	0	0	0	1	1
Porto Turistico di Rodi Garganico	1	1	1	1	1

b)

Name	Secretariat service	Management	Toilets	Car parking	Security	Showers	Radio	Radio H 24
Marina di Vieste	1	1	1	0	0	1	1	1
Porto di Otranto	1	1	1	1	0	1	0	0
Vieste Ormeggi	0	0	1	1	0	1	1	1
Porto Turistico di Rodi Garganico	1	1	1	1	1	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 di Vieste	100	-	-	0,3	-
Porto di Otranto	2	2	100	0,2	0,2
Vieste Ormeggi	-	-	-	0,5	0,5
Porto Turistico di Rodi Garganico	0,2	0,2	150	0,2	0,2

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 di Vieste	-	-	100	-	0,8	0,8
Porto di Otranto	-	-	200	16	-	1
Vieste Ormeggi	-	-	41	-	1	0,5
Porto Turistico di Rodi Garganico	-	-	50	30	2	10

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 di Vieste	0	2	4	20	1	0	1
Porto di Otranto	1	2	5	20	0	1	1
Vieste Ormeggi	0	3	5	15	1	0	1
Porto Turistico di Rodi Garganico	0	2	5	15	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.