

ICT platform 1st updating report Dubrovnik - Neretva County

Final version of 25/11/2022

D.3.2.2

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Project Full Title	Framework initiative fostering the sustainable development of Adriatic small ports
Project Acronym	FRAMESPORT
Project ID	10253074
Project Website	https://www.italy-croatia.eu/web/framesport
Priority Axis	4 – Maritime Transport
Specific Objective	4.1
Work Package	3
Work Package title	ICT platform 1 st updating report – Dubrovnik - Neretva County
Deliverable Nr.	3.2.2
Status	Final
Partner in charge	MITHR
Dissemination Level	Public

ACKNOWLEDGEMENT

The work described in this document was supported by the INTERREG V-A IT-HR CBC Programme - “Strategic” Subsidy Contract - Project: “Framework initiative fostering the sustainable development of Adriatic small ports, FRAMESPORT” (Project ID: 10253074).

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1. Introduction

The following pages offer a brief overview of the Croatian small ports that face the Adriatic Sea. Data from these structures have been collected during the first phase of data collection conducted with the support of the stakeholders of the territory.

The figure below gives an overview of the study area showing the small ports for which data have been collected. Small ports are colored differently depending on the County they belong to (Istra, Primorje – Gorski Kotar, Lika – Senj, Zadar, Sibenik – Knin, Split – Dalmatia, Dubrovnik – Neretva Counties).

Croatian small ports

- Istra County
- Primorje - Gorski Kotar County
- Lika - Senj County
- Zadar County
- Sibenik - Knin County
- Split - Dalmatia County
- Dubrovnik - Neretva County

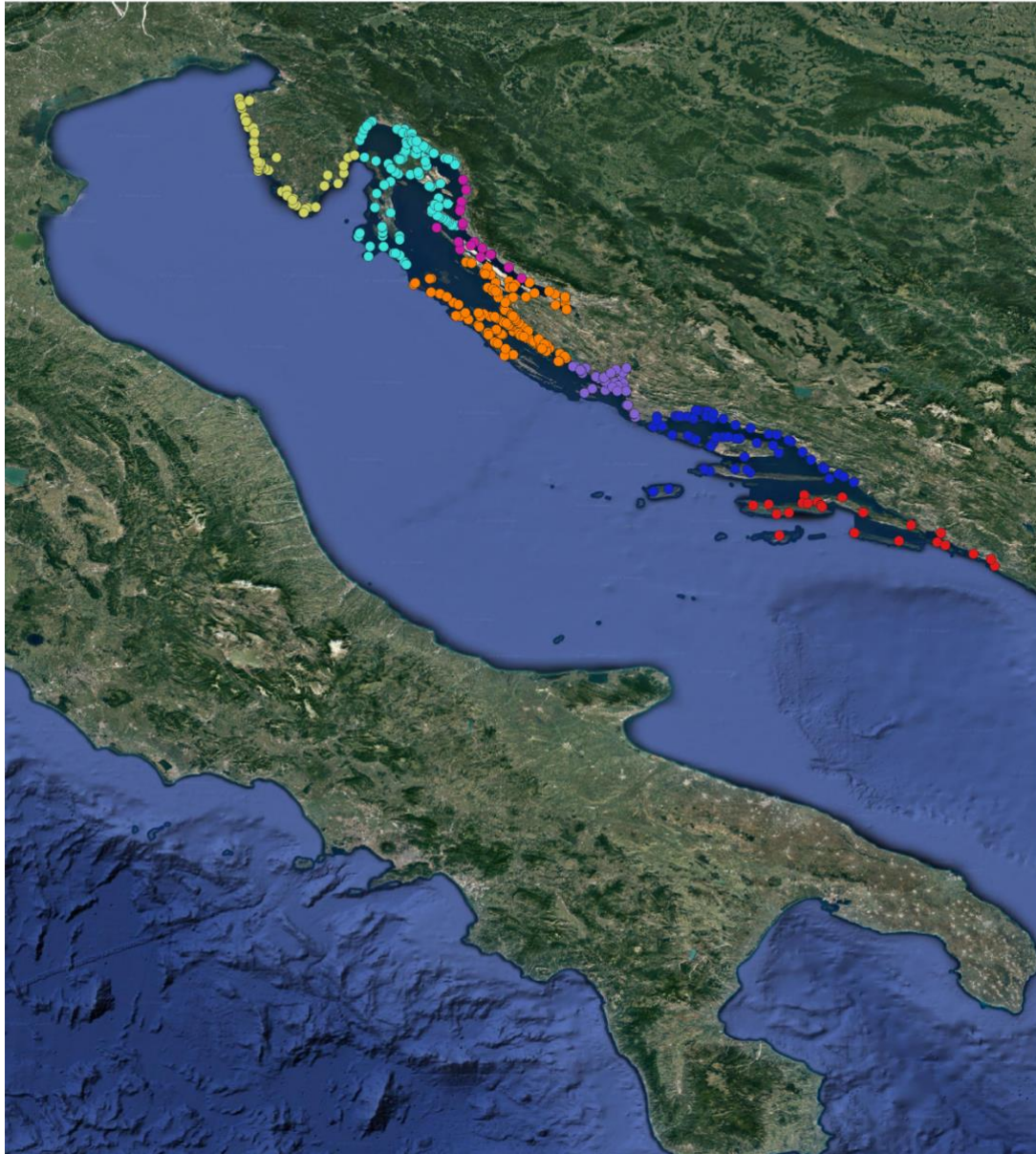
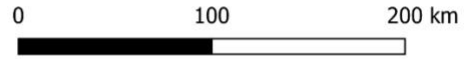


Figure 1. Study area and small ports for which data have been collected during the first data collection phase performed in 2021. Small ports are colored differently depending on the County they belong to.

This report focuses on the small ports of the Dubrovnik - Neretva County (red dots in the map in Figure 1). The survey covered a total amount of 25 small ports that are listed in **Error! Reference source not found.** and shown in the maps in Figure 2.

If available, 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

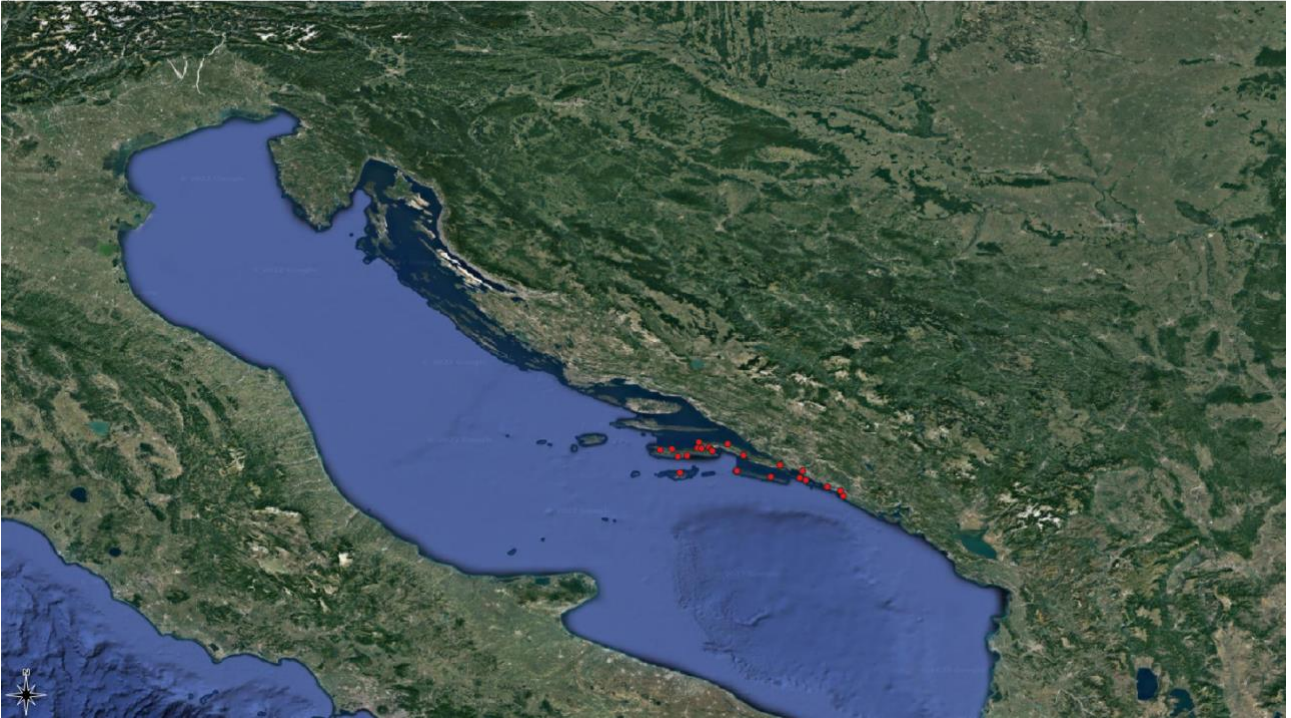
2. The small ports of Dubrovnik - Neretva County

N°	Name of the port	Latitude	Longitude
1	Luka Brna	42905867	16858305
2	Luka Cavtat	42581506	18219461
3	Luka Kučište	42980669	17114004
4	Luka Lovište	43022913	17030905
5	Luka Pomena	42787365	17343822
6	Luka Prigradica	42965768	16808381
7	Luka Prožura	42737436	17622197
8	Luka Slano	42786853	17883843
9	Luka Srebreno	42622603	18196687
10	Luka Ston	42835204	17698016
11	Luka Trpanj	43009537	17267690
12	Luka Trstenik	42915498	17398854
13	Luka Zaklopatica	42771897	16875550
14	Luka Gruž	42654934	18085646
15	Luka Šipanska	42729255	17860660
16	Šipanska Luka-Suđurađ	42710426	17910719
17	Luka Gruž (Dubrovnik)	42656780	18087394
18	Dominče	42950835	17141483
19	Zapadna Riva Korčula	42961833	17134723
20	Istočna Riva Korčula	42959863	17135716
21	Luka Zavalatica	42913567	16934722
22	Luka Račišće	42973913	17019047
23	Uvala Luka	42950791	17141356
24	Luka Kneža	42971461	17052698
25	Luka Vela Luka Korčula	42959105	16711993

Table 1. The small ports of Dubrovnik - Neretva County recorded during the first round of data collection with related coordinates

0 200 km

Dubrovnik - Neretva County



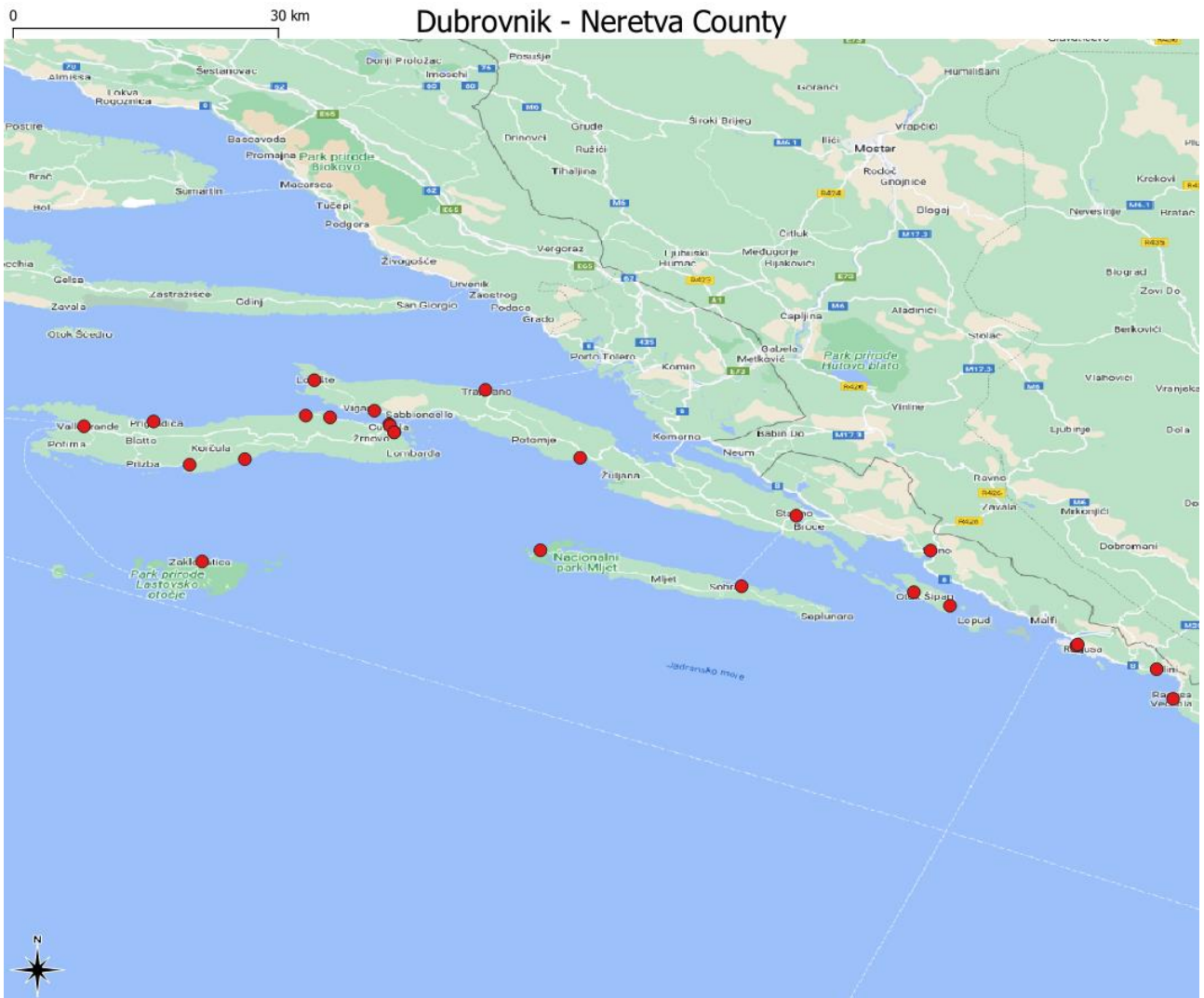


Figure 2 Geographical overview of small ports of the Dubrovnik - Neretva County (above) and detailed map showing the location of small ports (below)

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
Luka Brna	0	3	0	0	0	0	0	0	0	0	0
Luka Cavtat	0	0	25	0	0	0	0	0	0	0	0
Luka Kučište	3	0	0	0	0	0	0	0	0	0	0
Luka Lovište	0	0	0	0	12	0	0	0	0	0	0
Luka Pomena	0	0	0	0	0	0	0	0	10	0	0
Luka Prigradica	0	0	0	0	0	0	2	3	0	0	0
Luka Prožura	0	0	0	0	0	0	152	0	0	0	0
Luka Slano	0	0	0	0	0	17	0	0	0	0	0
Luka Srebreno	0	0	0	0	20	0	0	0	0	0	0
Luka Ston	0	0	0	0	0	0	0	0	0	0	0
Luka Trpanj	0	0	0	0	0	0	0	0	0	0	0
Luka Trstenik	0	0	0	2	0	0	0	0	0	0	0
Luka Zaklopatica	0	0	1	0	15	0	1	1	0	0	0
Luka Gruž	0	0	0	0	0	0	0	4	0	0	0
Luka Šipanska	10	0	0	0	0	0	0	0	0	0	0
Šipanska Luka-Suđurađ	12	0	0	0	0	0	0	0	0	0	0
Luka Gruž (Dubrovnik)	0	0	0	0	0	0	0	0	0	0	0
Dominče	0	0	0	0	1	0	0	0	0	2	0
Zapadna Riva Korčula	0	0	0	0	0	2	0	1	0	3	4
Istočna Riva Korčula	0	0	0	0	0	0	0	0	1	0	2
Luka Zavalatica	0	0	0	1	1	1	1	1	0	0	0
Luka Račišće	0	0	0	1	1	0	0	0	0	0	0
Uvala Luka	0	0	0	0	1	0	0	0	1	0	3
Luka Kneža	0	0	0	0	2	2	0	0	0	0	0
Luka Vela Luka Korčula	0	0	0	0	0	0	16	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)
Luka Brna	8	NA	25	NA	2	260	5286
Luka Cavtat	21	NA	70	NA	4	200	18654
Luka Kučište	NA	NA	15	NA	3	NA	NA
Luka Lovište	5	NA	16	NA	3	305	3686
Luka Pomena	10	NA	-	NA	2,5	428	396278
Luka Prigradica	NA	NA	NA	NA	3,5	98	13953
Luka Prožura	NA	NA	13	NA	2,5	142	2891
Luka Slano	NA	NA	40	NA	2,8	190	NA
Luka Srebreno	NA	NA	30	NA	2,3	370	4942
Luka Ston	NA	NA	NA	NA	2	NA	8175
Luka Trpanj	NA	NA	NA	NA	3,5	NA	NA
Luka Trstenik	3,5	NA	20	NA	3	173	10061
Luka Zaklopatica	NA	NA	20	NA	2,5	50	NA
Luka Gruž	NA	NA	150	NA	NA	NA	NA
Luka Šipanska	NA	NA	-	NA	2,5	178	NA
Šipanska Luka-Suđurađ	NA	NA	-	NA	2,5	12	NA
Luka Gruž (Dubrovnik)	NA	NA	NA	NA	NA	NA	NA
Dominče	4,3	NA	77	NA	2,7	190	22555
Zapadna Riva Korčula	6,5	NA	35	NA	2,2	NA	121282
Istočna Riva Korčula	5,5	NA	101	NA	5,5	NA	125211
Luka Zavalatica	3,5	NA	NA	NA	2,2	390	4462
Luka Račišće	4	NA	8	NA	1,5	200	7992
Uvala Luka	4,3	NA	50	NA	2,5	203	60697
Luka Kneža	4,3	NA	60	NA	2,5	NA	1759
Luka Vela Luka Korčula	4	NA	24	NA	3,5	100	584000

Table 3. Dimensional information to access the small ports. “-“ missing information, “NA” not applicable

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
Luka Brna	0	0	0	0	0	0	0	0
Luka Cavtat	0	0	0	0	0	0	0	1
Luka Kučište	0	0	0	0	0	0	0	1
Luka Lovište	0	0	0	0	0	0	0	1
Luka Pomena	0	0	0	0	0	0	0	1
Luka Prigradica	0	0	0	0	0	0	0	0
Luka Prožura	0	0	0	0	0	0	0	1
Luka Slano	0	0	0	0	0	0	0	0
Luka Srebreno	0	0	0	0	0	0	0	NA
Luka Ston	0	0	0	0	0	0	0	1
Luka Trpanj	0	0	0	0	0	0	0	1
Luka Trstenik	0	0	0	0	0	0	0	0
Luka Zaklopatica	0	0	0	0	0	0	0	0
Luka Gruž	1	1 (per request)	0	0	0	1 (per request)	1	NA
Luka Šipanska	0	0	0	0	0	0	0	0
Šipanska Luka-Suđurađ	0	0	0	0	0	0	0	0
Luka Gruž (Dubrovnik)	1	0	0	0	0	NA	1	1
Dominče	0	0	0	0	0	0	1	1
Zapadna Riva Korčula	0	0	0	0	0	0	1	1
Istočna Riva Korčula	0	0	0	0	0	0	1	1
Luka Zavalatica	0	0	0	0	0	0	0	NA
Luka Račišće	0	0	0	0	0	0	1	1
Uvala Luka	1	0	0	0	0	0	1	1
Luka Kneža	0	0	0	0	0	0	1	1
Luka Vela Luka Korčula	1	1	0	0	0	0	0	1

Table 4. Services offered by the small ports. "1" presence of the service, "0" absence of the service, "-" missing information, "NA" not applicable

Name	Ton's capacity for trailer	Ton's capacity for crane	Shipyard	Mechanical workshops
Luka Brna	-	-	0	0
Luka Cavtat	-	-	0	0
Luka Kučište	-	-	0	0
Luka Lovište	-	-	0	0
Luka Pomena	-	-	0	0
Luka Prigradica	-	-	0	0
Luka Prožura	-	-	0	1
Luka Slano	-	-	0	0
Luka Srebreno	-	-	0	1
Luka Ston	-	-	0	0
Luka Trpanj	-	-	0	0
Luka Trstenik	-	-	0	0
Luka Zaklopatica	-	-	0	0
Luka Gruž	-	-	0	0
Luka Šipanska	-	-	0	0
Šipanska Luka-Suđurađ	-	-	0	0
Luka Gruž (Dubrovnik)	-	-	0	1
Dominče	-	-	0	1
Zapadna Riva Korčula	-	-	0	1
Istočna Riva Korčula	-	-	0	1
Luka Zavalatica			0	0
Luka Račišće			0	0
Uvala Luka			0	1
Luka Kneža			0	1
Luka Vela Luka Korčula			0	0

Table 5. Services offered by the small ports. "1" presence of the service, "0" absence of the service, "-" missing information, "NA" not applicable

Name	Ancillary services
Luka Brna	None
Luka Cavtat	None
Luka Kučište	None
Luka Lovište	None
Luka Pomena	None
Luka Prigradica	None
Luka Prožura	None
Luka Slano	None
Luka Srebreno	None

Luka Ston	None
Luka Trpanj	None
Luka Trstenik	None
Luka Zaklopatica	None
Luka Gruž	None
Luka Šipanska	None
Šipanska Luka-Suđurađ	None
Luka Gruž (Dubrovnik)	None
Dominče	None
Zapadna Riva Korčula	None
Istočna Riva Korčula	None
Luka Zavalatica	None
Luka Račišće	None
Uvala Luka	None
Luka Kneža	None
Luka Vela Luka Korčula	None

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 mooring service?
Luka Brna	0	0	0	0	0
Luka Cavtat	0	0	0	0	0
Luka Kučište	0	0	1	0	0
Luka Lovište	0	0	1	0	0
Luka Pomena	0	0	1	0	0
Luka Prigradica	0	0	1	0	0
Luka Prožura	0	0	1	0	0
Luka Slano	0	1	1	0	0
Luka Srebreno	0	0	1	0	0
Luka Ston	0	0	1	0	0
Luka Trpanj	0	0	1	0	0
Luka Trstenik	0	0	1	0	0
Luka Zaklopatica	0	0	0	0	0
Luka Gruž	1	1	1	NA	0
Luka Šipanska	0	0	0	0	0
Šipanska Luka-Suđurađ	0	0	0	0	0

Luka Gruž (Dubrovnik)	1	1	1	1	0
Dominče	1	1	1	0	0
Zapadna Riva Korčula	1	1	1	0	0
Istočna Riva Korčula	1	1	1	0	0
Luka Zavalatica	0	0	0	0	0
Luka Račišće	1	1	1	0	0
Uvala Luka	1	1	1	0	0
Luka Kneža	1	1	1	0	0
Luka Vela Luka Korčula	1	0	1	0	0

b)

Name	Secretari at service	Management	Toilets	Car parking	Security	Showers	Radio	Radio H 24
Luka Brna	0	NA	0	1	0	0	1	0
Luka Cavtat	0	NA	0	0	0	0	1	0
Luka Kučište	0	NA	0	0	0	0	1	0
Luka Lovište	0	NA	0	0	0	0	1	0
Luka Pomena	0	NA	0	1	0	0	1	1
Luka Prigradica	0	NA	0	0	0	0	1	0
Luka Prožura	0	NA	0	0	0	0	1	0
Luka Slano	0	NA	0	0	0	0	1	1
Luka Srebreno	0	NA	0	0	0	0	1	0
Luka Ston	0	NA	0	1	0	0	1	0
Luka Trpanj	0	NA	0	1	0	0	1	0
Luka Trstenik	0	NA	0	0	0	0	1	1
Luka Zaklopatica	0	NA	0	0	0	0	1	0
Luka Gruž	0	NA	1	1	1	0	1	1
Luka Šipanska	0	NA	0	0	0	0	1	1
Šipanska Luka-Suđurađ	0	NA	0	0	0	0	1	0
Luka Gruž (Dubrovnik)	0	NA	1	1	1	0	1	1
Dominče	0	NA	0	1	1	0	1	1
Zapadna Riva Korčula	0	NA	0	1	1	0	1	1
Istočna Riva Korčula	0	NA	0	1	1	0	1	1
Luka Zavalatica	0	NA	0	0	NA	0	1	1
Luka Račišće	0	NA	0	0	1	0	1	1
Uvala Luka	0	NA	0	0	1	0	1	1
Luka Kneža	0	NA	0	0	1	0	1	1
Luka Vela Luka Korčula	0	NA	1	0	0	1	1	0

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
Luka Brna	NA	NA	168,00	NA	4,00
Luka Cavtat	NA	NA	6,00	0,45	NA
Luka Kučište	NA	NA	135,00	NA	0,20
Luka Lovište	NA	NA	150,00	NA	0,30
Luka Pomena	NA	NA	NA	NA	NA
Luka Prigradica	NA	NA	175,00	4,60	0,10
Luka Prožura	NA	NA	NA	NA	NA
Luka Slano	NA	NA	52,40	NA	0,30
Luka Srebreno	NA	NA	12,10	11,50	0,65
Luka Ston	NA	NA	72,20	NA	0,40
Luka Trpanj	NA	NA	125,00	NA	0,10
Luka Trstenik	NA	NA	104,00	26,70	1,80
Luka Zaklopatica	NA	NA	NA	NA	2,00
Luka Gruž	NA	NA	20,00	0,20	0,10
Luka Šipanska	NA	NA	NA	NA	0,10
Šipanska Luka-Suđurađ	NA	NA	NA	NA	0,10
Luka Gruž (Dubrovnik)	NA	NA	20,00	0,20	NA
Dominče	NA	NA	140,00	1,50	0,05
Zapadna Riva Korčula	NA	NA	140,00	0,50	0,05
Istočna Riva Korčula	NA	NA	140,00	0,20	0,05
Luka Zavalatica	NA	NA	140,00	30,00	0,05
Luka Račišće	NA	NA	140,00	15,50	0,05
Uvala Luka	NA	NA	170,00	2,00	1,05
Luka Kneža	NA	NA	150,00	10,00	0,05
Luka Vela Luka Korčula	NA	NA	NA	0,00	NA

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 police station
Luka Brna	NA	NA	NA	31,8	NA	31,8
Luka Cavtat	NA	NA	118,00	3,6	NA	0,4
Luka Kučište	NA	NA	NA	1,5	NA	1,5

Luka Lovište	NA	NA	NA	12,2	NA	12,2
Luka Pomena	NA	NA	NA	0,45	NA	NA
Luka Prigradica	NA	NA	NA	6,9	NA	38
Luka Prožura	NA	NA	NA	NA	NA	NA
Luka Slano	NA	NA	67,00	0,45	NA	21
Luka Srebreno	NA	NA	NA	10	NA	11,6
Luka Ston	NA	NA	NA	0,5	NA	0,5
Luka Trpanj	NA	NA	NA	19,6	NA	19,6
Luka Trstenik	NA	NA	NA	26,7	NA	26,7
Luka Zaklopatica	NA	NA	NA	2,9	NA	3,8
Luka Gruž	NA	NA	97,00	1	NA	5
Luka Šipanska	NA	NA	NA	0,3	NA	25
Šipanska Luka-Suđurađ	NA	NA	NA	4,8	NA	20,3
Luka Gruž (Dubrovnik)	NA	NA	97,00	1	NA	0,2
Dominče	NA	NA	73,00	0,5	NA	0
Zapadna Riva Korčula	NA	NA	73,00	3	NA	0
Istočna Riva Korčula	NA	NA	73,00	2,5	NA	2,5
Luka Zavalatica	NA	NA	73,00	30	NA	30
Luka Račišće	NA	NA	73,00	13	NA	13
Uvala Luka	NA	NA	103,00	10,5	NA	10,5
Luka Kneža	NA	NA	83,00	10	NA	10
Luka Vela Luka Korčula	NA	NA	NA	NA	0,5	0,3

c)

Name	Presence of the customs	Distance (km) from nearest hospital / em. center	Time to reach first em. center by car	Time to reach first em. 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?
Luka Brna	0	18	21	NA	0	0	0
Luka Cavtat	1	1,2	2	5	1	0	0
Luka Kučište	0	5,6	10	70	0	0	0
Luka Lovište	0	5,6	NA	NA	0	0	0
Luka Pomena	0	2	4	28	0	0	0
Luka Prigradica	0	4,8	11	66	0	0	0
Luka Prožura	0	8,2	10	100	0	0	0
Luka Slano	0	0,3	1	6	0	0	0
Luka Srebreno	0	0,8	15	106	0	0	0
Luka Ston	0	0,45	NA	NA	0	0	0
Luka Trpanj	0	19,6	NA	NA	0	0	0

Luka Trstenik	0	10,4	31	NA	0	0	0
Luka Zaklopatica	0	2,2	5	40	0	0	0
Luka Gruž	0	3	1	3	NA	0	0 - 500 from the berth
Luka Šipanska	0	4,2	6	52	0	0	0
Šipanska Luka-Suđurađ	0	0,9	1	11	0	0	0
Luka Gruž (Dubrovnik)	1	3	1	3	1	0	0 - 500 from the berth
Dominče	0	1,5	3	20	1	0	0
Zapadna Riva Korčula	1	3	6	30	1	0	0
Istočna Riva Korčula	0	2	5	30	1	0	0
Luka Zavalatica	0	26	30	5H	1	0	0
Luka Račišće	0	NA	NA	NA	1	0	0
Uvala Luka	0	NA	NA	NA	1	0	0
Luka Kneža	0	NA	NA	NA	1	0	0
Luka Vela Luka Korčula	0	7	10	60	1	0	0

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 County, 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.