

ICT platform 1st updating report

Lika - Senj County

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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

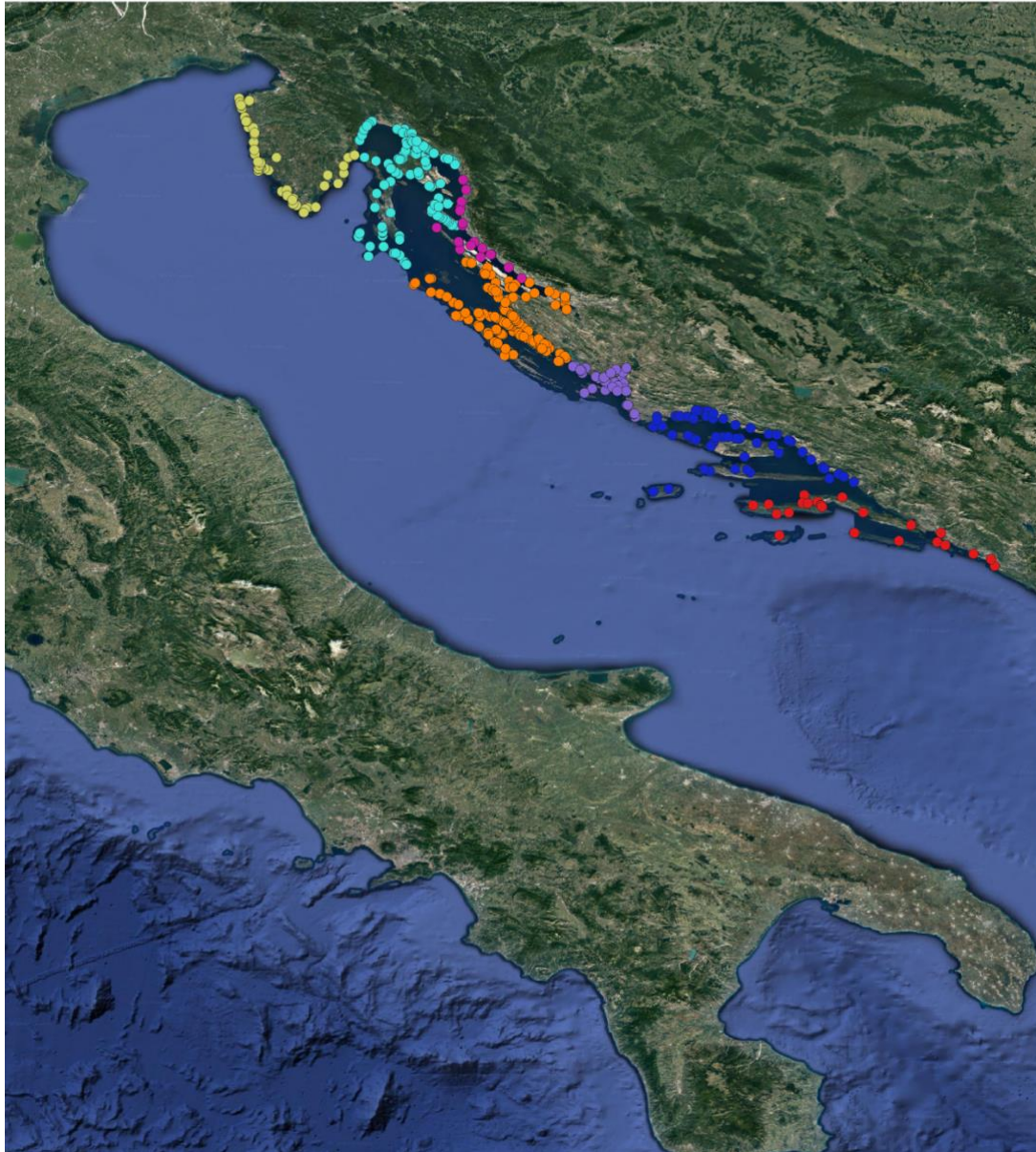
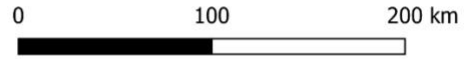


Figure 1. Study area and small ports for which data have been collected during the first data collection phase performed in 2021. Small ports are colored differently depending on the County they belong to.

This report focuses on the small ports of the Lika - Senj County (pink dots in the map in Figure 1). The survey covered a total amount of 20 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.

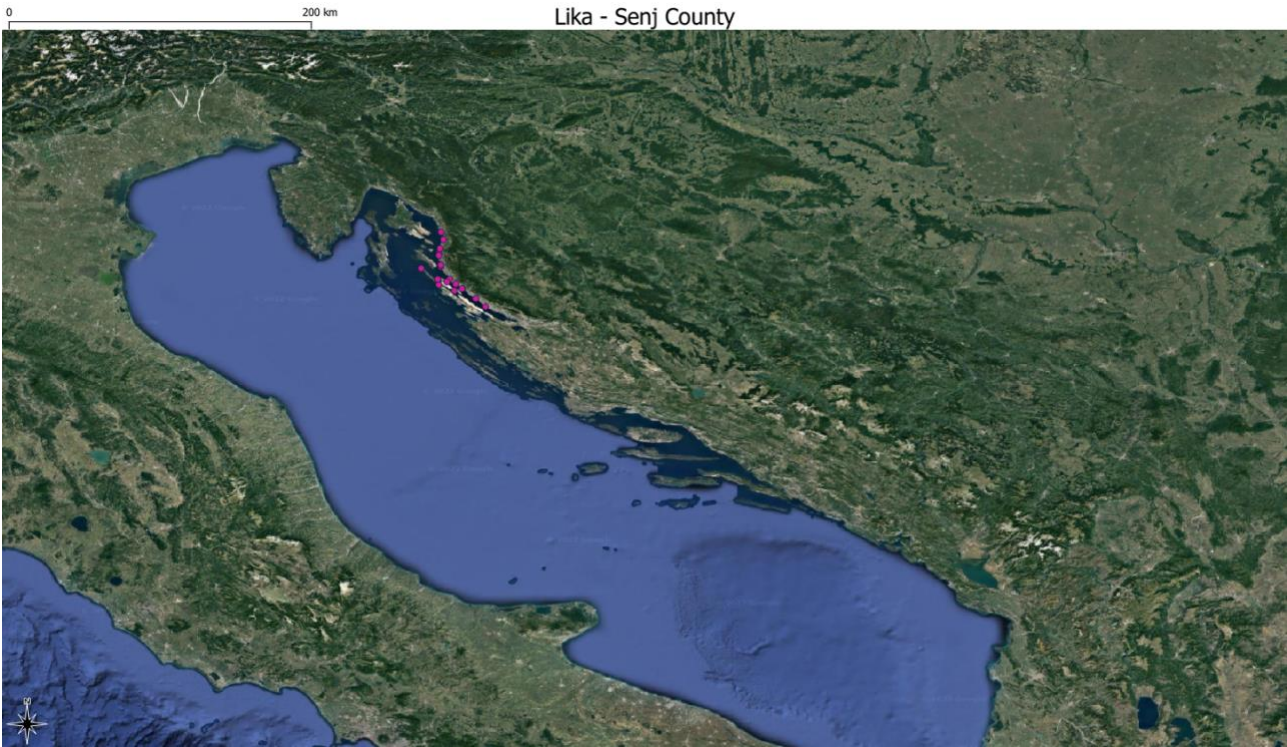
In particular, the data hereby presented concern the following topics:

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

2. The small ports of Lika - Senj County

N°	Name of the port	Latitude	Longitude
1	Luka Barić Draga	44376747	15266608
2	Luka Baška Draga	44525087	15079030
3	Luka Jablanac	44706024	14897563
4	Luka Karlobag	44524415	15073057
5	Luka Klada	44817445	14884992
6	Luka Krivača	44720249	14897963
7	Luka Lukovo	44855003	14890863
8	Luka Lukovo Šugarje	44444125	15185763
9	Luka Prizna	44601930	14970090
10	Luka Senj	44990405	14900566
11	Luka Starigrad	44798031	14881583
12	Luka Stinica	44720249	14897963
13	Luka Sveti Juraj	44928831	14919366
14	Cesarica	44563299	15020975
15	Luka Žigljen	44580926	14949192
16	Luka Tovarnele	44692247	14736186
17	Luka Stara Novalja	44596471	14874753
18	Luka Novalja	44556828	14881534
19	Luka Metajna	44508177	15010207
20	Luka Drljanda	44603492	14872286

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



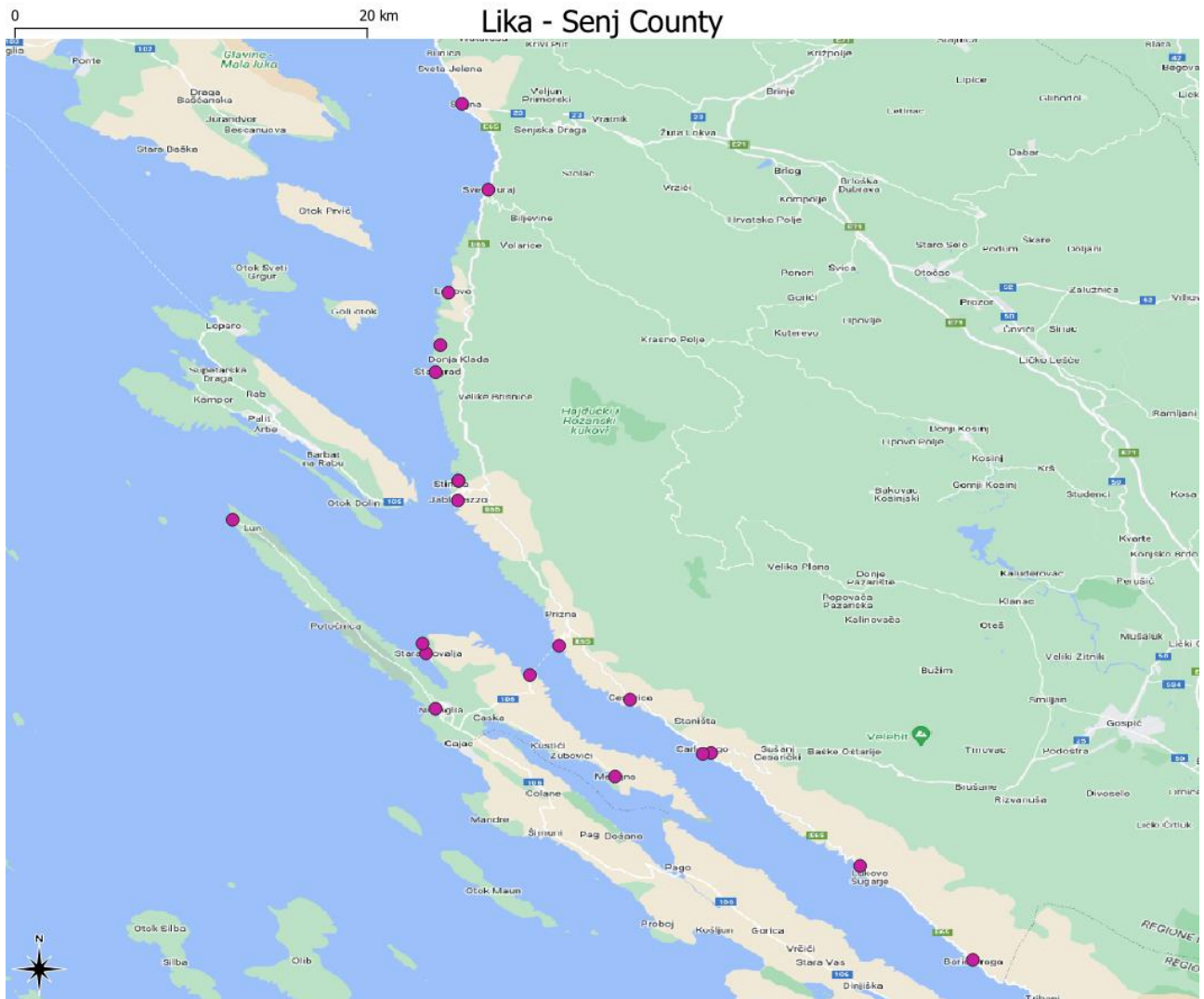


Figure 2 Geographical overview of small ports of the Lika - Senj County (above) and detailed map showing the location of small ports (below)

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 Barić Draga	0	0	0	0	0	0	0	0	0	0	0
Luka Baška Draga	50	0	0	0	0	0	0	0	0	0	0
Luka Jablanac	64	2	0	0	0	0	0	0	0	0	0
Luka Karlobag	88	2	0	0	0	0	0	0	0	0	0
Luka Klada	109	1	0	0	0	0	0	0	0	0	0
Luka Krivača	113	2	0	0	0	0	0	0	0	0	0
Luka Lukovo	63	3	0	0	0	0	0	0	0	0	0
Luka Lukovo Šugarje	25	2	0	0	0	0	0	0	0	0	0
Luka Prizna	0	0	0	0	0	0	0	0	0	0	0
Luka Senj	262	6	2	0	0	0	0	0	0	0	0
Luka Starigrad	67	1	0	0	0	0	0	0	0	0	0
Luka Stinica	0	0	0	0	0	0	0	0	0	0	0
Luka Sveti Juraj	35	3	0	0	0	0	0	0	0	0	0
Cesarica	60	2	0	0	0	0	0	0	0	0	0
Luka Žigljen	0	0	0	0	0	0	0	0	0	0	0
Luka Tovarnele	45	7	10	0	0	0	0	0	0	0	0
Luka Stara Novalja	12	0	0	0	0	0	0	0	0	0	0
Luka Novalja	100	220	20	10	10	0	0	0	0	0	0
Luka Metajna	25	0	0	0	0	0	0	0	0	0	0
Luka Drljanda	5	1	2	0	2	0	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)
Luka Barić Draga	2	10	10	50	1	40	500
Luka Baška Draga	4	10	40	200	1	50	600
Luka Jablanac	3,5	10	70	500	2	50	700
Luka Karlobag	4,5	10	40	300	0,5	80	3500
Luka Klada	3	10	30	150	0,5	80	1200

Luka Krivača	NA	10	-	-	0,5	80	1100
Luka Lukovo	3	10	30	150	0,5	60	660
Luka Lukovo Šugarje	NA	10	-	-	1,5	100	450
Luka Prizna	4,5	10	90	600	1	70	4700
Luka Senj	5,5	10	80	600	1	150	6800
Luka Starigrad	NA	10	10	50	1	100	920
Luka Stinica	5	10	90	600	2	100	13500
Luka Sveti Juraj	4	10	30	50	1	70	3800
Cesarica	NA	10	-	-	0,5	70	1100
Luka Žigljen	5	10	120	2500	2	150	107000
Luka Tovarnele	5	10	50	1000	1	50	49331
Luka Stara Novalja	6	10	40	500	1	100	NA
Luka Novalja	5	10	50	2500	0,5	300	229859
Luka Metajna	10	10	25	500	0,5	50	NA
Luka Drljanda	6,5	10	80	2500	0,5	100	NA

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 Barić Draga	0	0	0	0	0	0	1	0
Luka Baška Draga	0	0	0	0	0	0	1	0
Luka Jablanac	0	0	0	0	0	0	1	0
Luka Karlobag	0	0	0	0	0	0	1	0
Luka Klada	0	0	0	0	0	0	1	0
Luka Krivača	0	0	0	0	0	0	1	0
Luka Lukovo	0	0	0	0	0	0	1	0
Luka Lukovo Šugarje	0	0	0	0	0	0	1	0
Luka Prizna	0	0	0	0	0	0	1	0
Luka Senj	1	1	1	0	1	1	1	0
Luka Starigrad	0	0	0	0	0	0	1	0
Luka Stinica	1	0	0	0	0	1	1	0
Luka Sveti Juraj	0	0	0	0	0	0	1	0
Cesarica	0	0	0	0	0	0	1	0
Luka Žigljen	0	0	0	0	0	0	1	1
Luka Tovarnele	1	0	0	0	0	0	1	1
Luka Stara Novalja	0	0	0	0	0	0	1	1
Luka Novalja	1	1	0	0	1	1	1	1
Luka Metajna	0	0	0	0	0	0	1	1
Luka Drljanda	1	1	1	0	1	1	1	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 Barić Draga	-	-	0	NA
Luka Baška Draga	-	-	0	NA
Luka Jablanac	-	-	0	NA
Luka Karlobag	-	-	0	NA
Luka Klada	-	-	0	NA
Luka Krivača	-	-	0	NA
Luka Lukovo	-	-	0	NA
Luka Lukovo Šugarje	-	-	0	NA
Luka Prizna	-	-	0	NA

Luka Senj	-	-	1	1
Luka Starigrad	-	-	0	NA
Luka Stinica	-	-	0	NA
Luka Sveti Juraj	-	-	0	NA
Cesarica	-	-	0	NA
Luka Žigljen	-	-	0	NA
Luka Tovarnele	-	-	0	NA
Luka Stara Novalja	-	-	0	NA
Luka Novalja	-	-	0	1
Luka Metajna	-	-	0	NA
Luka Drljanda	-	-	0	NA

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 Barić Draga	None
Luka Baška Draga	None
Luka Jablanac	None
Luka Karlobag	None
Luka Klada	None
Luka Krivača	None
Luka Lukovo	None
Luka Lukovo Šugarje	None
Luka Prizna	None
Luka Senj	<ul style="list-style-type: none"> ○ Sales of technical products for vessels in shops and / or warehouses; ○ Hull sanitation; ○ Manufacture and repair of sails and awnings; ○ Sales of technical products for vessels to order; ○ Upholstery services; ○ Rope fitting and adjustment services; ○ Marine engine service; ○ Electrical engineering services; ○ Warehouse worker; ○ Plasticization of vessels / glass plastic; ○ Ship carpentry.
Luka Starigrad	None
Luka Stinica	None
Luka Sveti Juraj	None
Cesarica	None
Luka Žigljen	None

Luka Tovarnele	None
Luka Stara Novalja	None
Luka Novalja	None
Luka Metajna	None
Luka Drljanda	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 Barić Draga	0	0	1	0	0
Luka Baška Draga	0	0	1	0	0
Luka Jablanac	0	0	1	0	0
Luka Karlobag	0	0	1	0	0
Luka Klada	0	0	1	0	0
Luka Krivača	0	0	1	0	0
Luka Lukovo	0	0	1	0	0
Luka Lukovo Šugarje	0	0	1	0	0
Luka Prizna	1	1	1	0	0
Luka Senj	0	0	1	0	0
Luka Starigrad	0	0	1	0	0
Luka Stinica	1	1	1	0	0
Luka Sveti Juraj	0	0	1	0	0
Cesarica	0	0	1	0	0
Luka Žigljen	1	1	1	0	0
Luka Tovarnele	1	1	1	0	0
Luka Stara Novalja	1	1	1	0	0
Luka Novalja	1	1	1	0	0
Luka Metajna	1	1	1	0	0
Luka Drljanda	1	1	1	0	0

b)

Name	Secretari at service	Management	Toilets	Car parking	Security	Showers	Radio	Radio H 24
Luka Barić Draga	0	0	0	0	0	0	0	NA
Luka Baška Draga	0	0	0	0	0	0	0	NA
Luka Jablanac	0	0	0	0	0	0	0	NA

Luka Karlobag	0	0	0	1	0	0	0	NA
Luka Klada	0	0	0	0	0	0	0	NA
Luka Krivača	0	0	0	0	0	0	0	NA
Luka Lukovo	0	0	0	0	0	0	0	NA
Luka Lukovo Šugarje	0	0	0	0	0	0	0	NA
Luka Prizna	0	0	1	0	0	0	0	NA
Luka Senj	1	1	0	1	0	0	0	NA
Luka Starigrad	0	0	0	0	0	0	0	NA
Luka Stinica	0	0	1	0	0	0	0	NA
Luka Sveti Juraj	0	0	0	0	0	0	0	NA
Cesarica	0	0	0	0	0	0	0	NA
Luka Žigljen	0	1	1	1	1	0	1	0
Luka Tovarnele	0	1	0	1	1	0	1	0
Luka Stara Novalja	0	NA	0	1	1	0	1	0
Luka Novalja	0	1	0	1	1	0	1	0
Luka Metajna	0	NA	0	1	1	0	1	0
Luka Drljanda	0	NA	0	1	1	0	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 Barić Draga	80,00	80,00	165,00	40,00	40,00
Luka Baška Draga	40,00	40,00	125,00	2,00	2,00
Luka Jablanac	60,00	60,00	105,00	20,00	20,00
Luka Karlobag	40,00	40,00	125,00	0,00	0,00
Luka Klada	100,00	100,00	90,00	30,00	30,00
Luka Krivača	110,00	110,00	100,00	40,00	40,00
Luka Lukovo	90,00	90,00	80,00	20,00	20,00
Luka Lukovo Šugarje	60,00	60,00	145,00	25,00	25,00
Luka Prizna	55,00	55,00	115,00	15,00	15,00
Luka Senj	70,00	70,00	60,00	0,50	0,50
Luka Starigrad	90,00	90,00	90,00	30,00	30,00
Luka Stinica	110,00	110,00	100,00	40,00	40,00
Luka Sveti Juraj	80,00	80,00	70,00	10,00	10,00
Cesarica	45,00	45,00	120,00	5,00	5,00
Luka Žigljen	85,00	85,00	85,00	10,00	10,00
Luka Tovarnele	105,00	105,00	105,00	20,00	20,00
Luka Stara Novalja	100,00	100,00	100,00	3,00	3,00
Luka Novalja	75,00	75,00	75,00	0,50	0,50
Luka Metajna	95,00	95,00	95,00	12,00	12,00
Luka Drljanda	105,00	105,00	105,00	5,00	5,00

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 Barić Draga	NA	NA	80,00	45	NA	45
Luka Baška Draga	NA	NA	40,00	2	NA	2
Luka Jablanac	NA	NA	70,00	20	NA	20
Luka Karlobag	NA	NA	40,00	0,5	NA	0,5
Luka Klada	NA	NA	55,00	30	NA	30
Luka Krivača	NA	NA	65,00	40	NA	40
Luka Lukovo	NA	NA	55,00	20	NA	20
Luka Lukovo Šugarje	NA	NA	65,00	25	NA	25
Luka Prizna	NA	NA	55,00	15	NA	15

Luka Senj	NA	NA	25,00	30	NA	30
Luka Starigrad	NA	NA	55,00	40	NA	40
Luka Stinica	NA	NA	65,00	40	NA	40
Luka Sveti Juraj	NA	NA	30,00	15	NA	15
Cesarica	NA	NA	45,00	5	NA	5
Luka Žigljen	NA	NA	80,00	10	NA	10
Luka Tovarnele	NA	NA	90,00	20	NA	20
Luka Stara Novalja	NA	NA	85,00	3	NA	3
Luka Novalja	NA	NA	70,00	0,5	NA	0,5
Luka Metajna	NA	NA	85,00	12	NA	12
Luka Drljanda	NA	NA	75,00	5	NA	5

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 Barić Draga	0	45	45	720	0	0	0
Luka Baška Draga	0	2	2	15	0	0	0
Luka Jablanac	0	20	20	300	0	0	0
Luka Karlobag	0	0,5	0,5	0,5	0	0	0
Luka Klada	0	30	30	420	0	0	0
Luka Krivača	0	40	40	600	0	0	0
Luka Lukovo	0	20	20	300	0	0	0
Luka Lukovo Šugarje	0	25	25	360	0	0	0
Luka Prizna	0	15	15	240	0	0	0
Luka Senj	0	30	0,5	0,5	0	0	0
Luka Starigrad	0	40	30	420	0	0	0
Luka Stinica	0	40	40	600	0	0	0
Luka Sveti Juraj	0	15	10	120	0	0	0
Cesarica	0	5	5	90	0	0	0
Luka Žigljen	0	10	5,5	60	0	0	0
Luka Tovarnele	0	20	20	200	0	0	0
Luka Stara Novalja	0	3	5	30	0	0	0
Luka Novalja	0	0,5	0,5	0,5	0	0	0
Luka Metajna	0	12	12	120	0	0	0
Luka Drljanda	0	5	10	120	0	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.