

Geo-Database on parameters recorded for ADLFG and ML during the ROV, SCUBA or beach litter investigations

WP4 – Activity 4.3 - Monitoring of ALDFG and ML affecting Natura 2000 sites

DELIVERABLE D4.3.2

Partner in Charge: PP4 (IZOR)

Partners involved: PP1 (ISPRA), PP2 (M.A.R.E.), PP4 (IZOR)

Status: Final Version

Distribution: Public

Date: December 2019

ML-Repair Reducing and preventing, an integrated Approach to Marine Litter Management in the Adriatic Sea – Axis 3 – SO 3.3

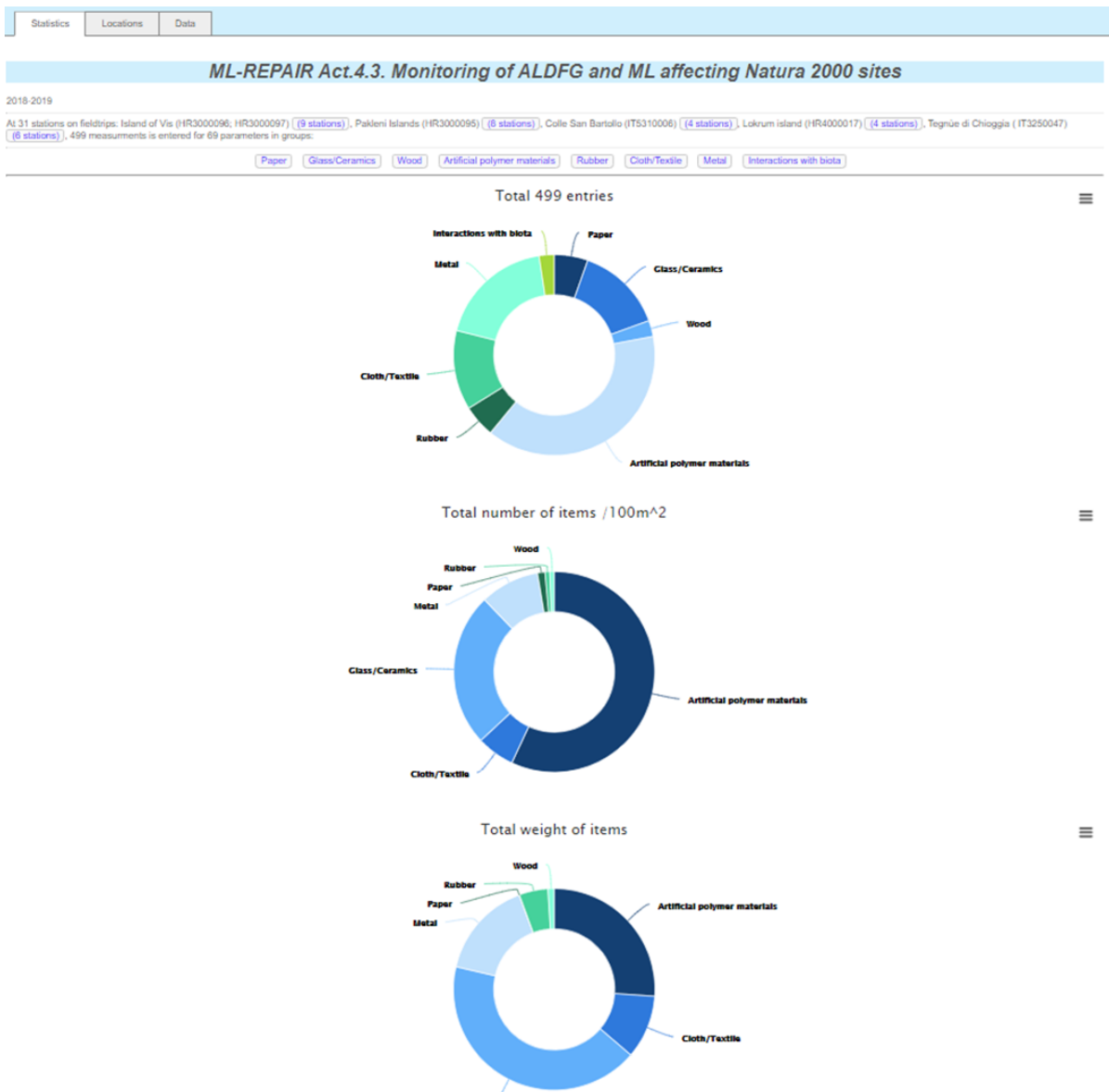
1 A GEO-DATABASE.....1

1 A GEO-DATABASE

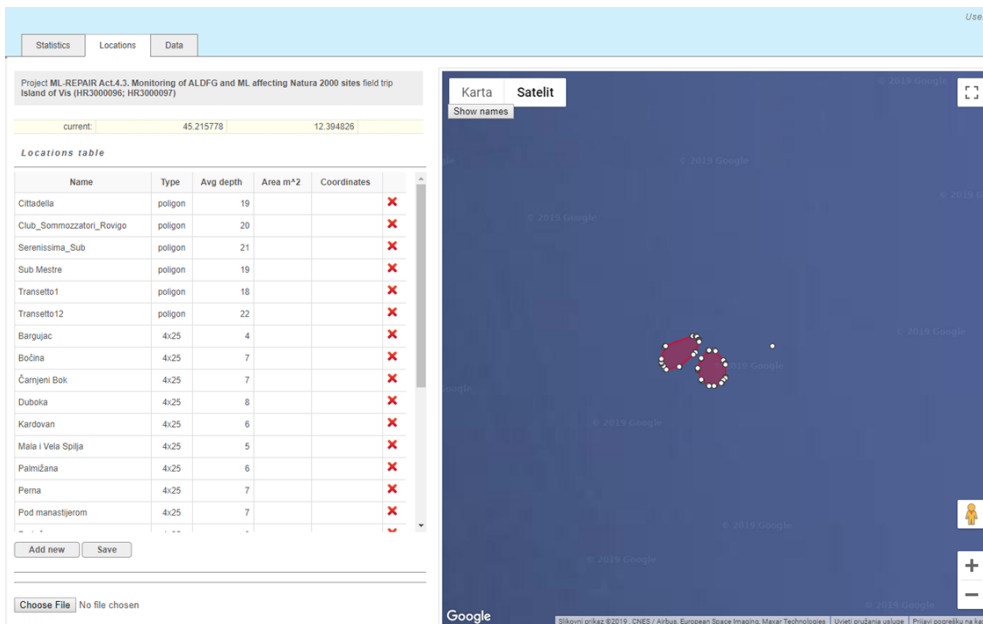
The aim of the activity 4.3 was to increase the knowledge of the environmental status of five selected Natura 2000 sites in Italy and Croatia in relation to ML and ALDFG through monitoring activities. One of the deliverables is a geo-database that contains information about the amount, distribution and typology of ML and ALDFG in those five sites.

Geo-database web page: <http://faust.izor.hr/mlrepair/pocetna>

After entering the user name and password the first page with general statistics of all entries is open.



In the next tab “Locations”, there is a list of locations where the monitoring was performed with information on the type of monitored area surface (polygon, 4x25 m or 4x50 m transect, 100 m beach transect), average depth and coordinates of each location



Project ML-REPAIR Act.4.3. Monitoring of ALDFG and ML affecting Natura 2000 sites field trip Island of Vis (HR3000096; HR3000097)

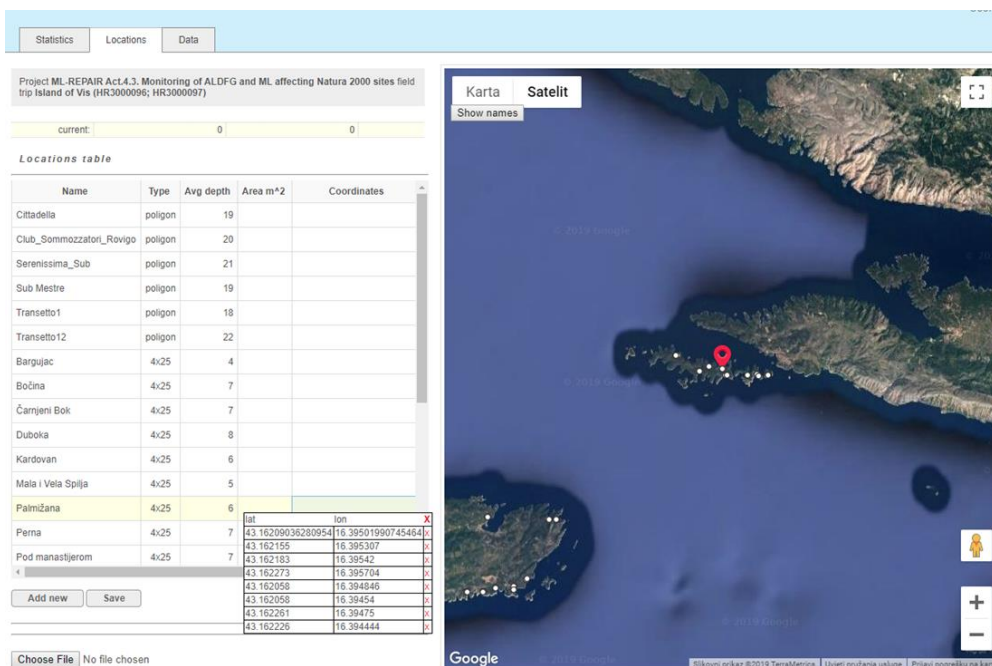
current: 45.215778 12.394826

Locations table

Name	Type	Avg depth	Area m*2	Coordinates
Cittadella	poligon	19		X
Club_Sommozzatori_Rovigo	poligon	20		X
Serenissima_Sub	poligon	21		X
Sub Mestre	poligon	19		X
Transetto1	poligon	18		X
Transetto12	poligon	22		X
Bargujac	4x25	4		X
Bočina	4x25	7		X
Čarjani Bok	4x25	7		X
Duboka	4x25	8		X
Kardovan	4x25	6		X
Mala i Velja Spilja	4x25	5		X
Palmižana	4x25	6		X
Perna	4x25	7		X
Pod manastirjem	4x25	7		X

Choose File | No file chosen

Double click on the coordinates gives you the list of starting and ending points of the transects or all the points in the polygon field.



Project ML-REPAIR Act.4.3. Monitoring of ALDFG and ML affecting Natura 2000 sites field trip Island of Vis (HR3000096; HR3000097)

current: 0 0

Locations table

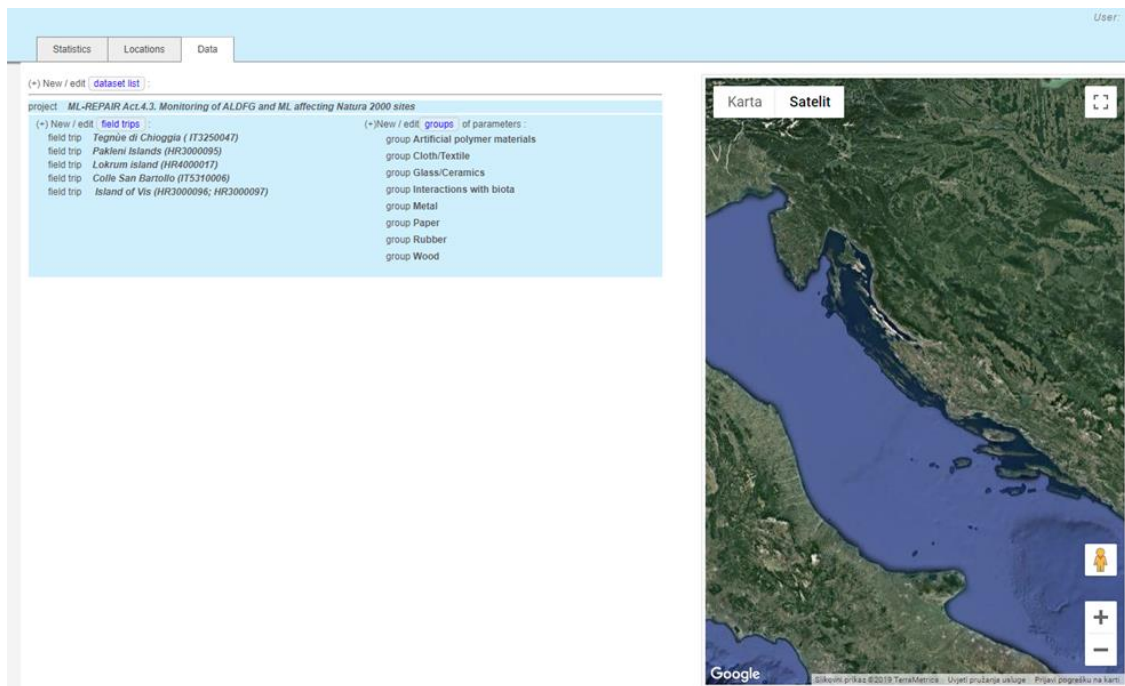
Name	Type	Avg depth	Area m*2	Coordinates
Cittadella	poligon	19		X
Club_Sommozzatori_Rovigo	poligon	20		X
Serenissima_Sub	poligon	21		X
Sub Mestre	poligon	19		X
Transetto1	poligon	18		X
Transetto12	poligon	22		X
Bargujac	4x25	4		X
Bočina	4x25	7		X
Čarjani Bok	4x25	7		X
Duboka	4x25	8		X
Kardovan	4x25	6		X
Mala i Velja Spilja	4x25	5		X
Palmižana	4x25	6		X
Perna	4x25	7		X
Pod manastirjem	4x25	7		X

Coordinates expanded for Palmižana:

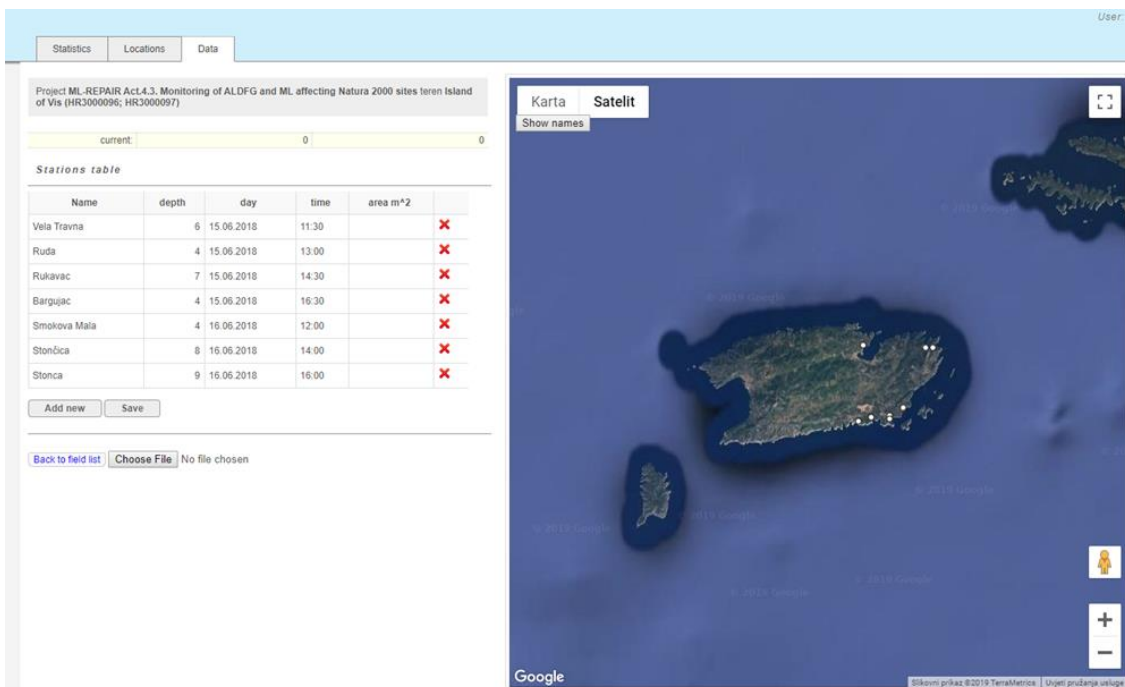
43.16209036280954	16.39501990745464	X
43.162155	16.395307	X
43.162183	16.39542	X
43.162273	16.395704	X
43.162058	16.394846	X
43.162058	16.39454	X
43.162261	16.39475	X
43.162226	16.394444	X

Choose File | No file chosen

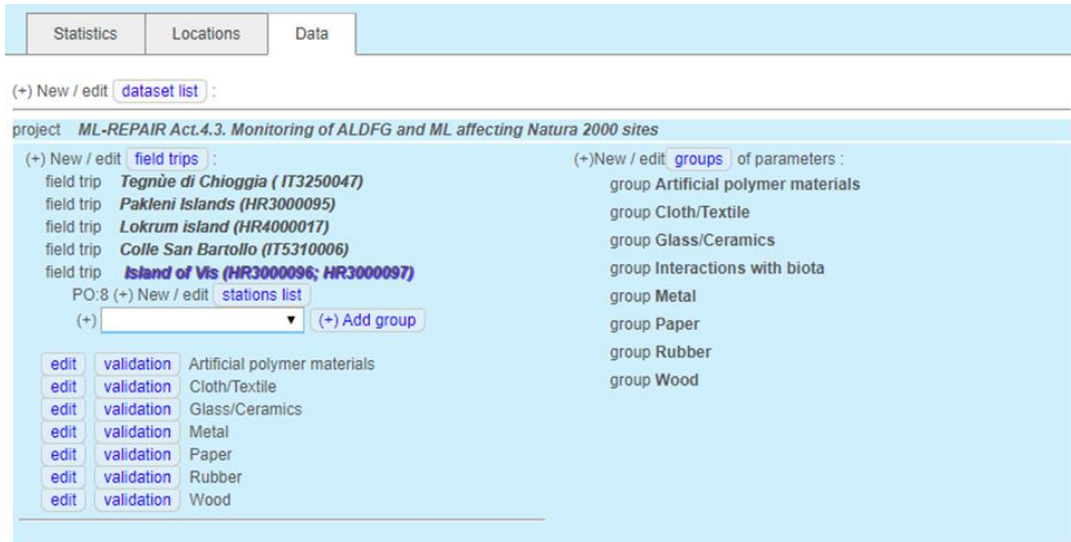
In the next tab “Data” there is a list of selected Natura 2000 sites.



After selecting one of the sites, one can enter the “station list”. Here you need to choose your already entered location for specific N2000 site and additionally enter the time and date of the survey.



If you want to choose a specific group of parameters in the “Data” tab, you do it by choosing edit to enter the data or validate to see a graphical representation.



Statistics Locations Data

(+) New / edit [dataset list](#) :

project **ML-REPAIR Act.4.3. Monitoring of ALDFG and ML affecting Natura 2000 sites**

(+) New / edit [field trips](#) :

- field trip **Tegnùe di Chioggia (IT3250047)**
- field trip **Pakleni Islands (HR3000095)**
- field trip **Lokrum island (HR4000017)**
- field trip **Colle San Bartolomeo (IT5310006)**
- field trip **Island of Vis (HR3000096; HR3000097)**

PO:8 (+) New / edit [stations list](#)

(+) [\(+ Add group\)](#)

(+)New / edit [groups](#) of parameters :

- group Artificial polymer materials
- group Cloth/Textile
- group Glass/Ceramics
- group Interactions with biota
- group Metal
- group Paper
- group Rubber
- group Wood

[edit](#) [validation](#) Artificial polymer materials

[edit](#) [validation](#) Cloth/Textile

[edit](#) [validation](#) Glass/Ceramics

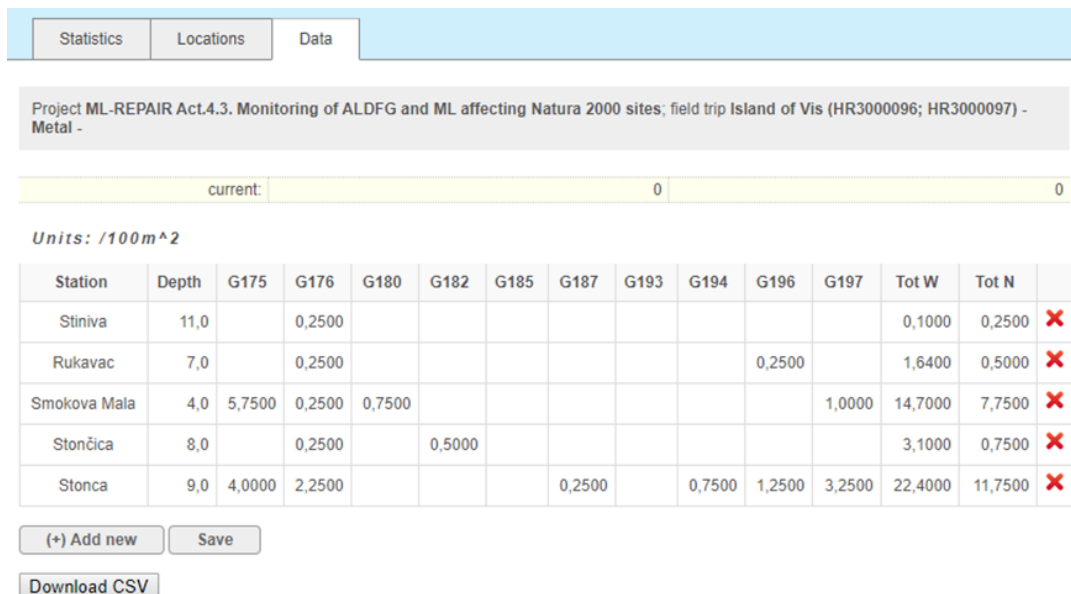
[edit](#) [validation](#) Metal

[edit](#) [validation](#) Paper

[edit](#) [validation](#) Rubber

[edit](#) [validation](#) Wood

When entering the specific group of parameters, one should choose the station and then enter the values for the items found. Items are labelled according to their code (Annex 8.1 – Master List of Categories of Litter Items – Monitoring Guidance for Marine Litter in European Seas. MSFD GES Technical Subgroup on Marine Litter TSG-ML, July 2013) and the values represent the number of items per 100 m². The last two columns are Tot W the total weight (Tot W) and the total number (Tot N) per category.



Statistics Locations Data

Project ML-REPAIR Act.4.3. Monitoring of ALDFG and ML affecting Natura 2000 sites; field trip Island of Vis (HR3000096; HR3000097) - Metal -

current: 0 0

Units: /100m²

Station	Depth	G175	G176	G180	G182	G185	G187	G193	G194	G196	G197	Tot W	Tot N	
Stiniva	11,0		0,2500									0,1000	0,2500	✘
Rukavac	7,0		0,2500							0,2500		1,6400	0,5000	✘
Smokova Mala	4,0	5,7500	0,2500	0,7500							1,0000	14,7000	7,7500	✘
Stončica	8,0		0,2500		0,5000							3,1000	0,7500	✘
Stonca	9,0	4,0000	2,2500				0,2500		0,7500	1,2500	3,2500	22,4000	11,7500	✘

(+) Add new Save

Download CSV

In the graphical representation, one could choose to view different groups of parameters, N2000 sites and subcategories e.g. type of items.

