



## **IMPRECO**

**Common strategies and best practices to IMprove the  
transnational PProtection of ECOsystem integrity and  
services**

# **Deliverable T2.1.2 - Pilot action plans for the Isonzo Rivermouth Nature Reserve**

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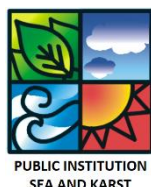
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Project acronym: IMPRECO

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## 1. NAME OF THE PILOT

BALANCING TRADE-OFFS BETWEEN CULTURAL ESS AND REGULATION & MAINTENANCE (BIOTIC) ESS IN THE MARINE ECOSYSTEMS OF THE ISONZO RIVERMOUTH NATURE RESERVE

## 2. ES AND ESS CONCERNED

On the base of the analysis carried out in the frame of the sensitive map, the LP assisted by its technical and scientific experts decided to:

1. Target the marine ecosystems accordingly with the characteristics of the other project Protected Areas and the decisions taken by the related project teams,
2. Focus on the ecosystem service “Characteristics of living systems that enable activities promoting health, recuperation or enjoyment through active and passive immersive interactions” as defined by the stakeholders analysis and sensitive map,
3. Activate the most relevant stakeholders, already involved in the JTF, in order to engage them in the integrated management actions.

As for the selection of the ecosystem service, the table below shows the result of the analysis carried out, within the development of the sensitive map, for assessing the most relevant ESS among those provided by the marine ecosystems of the protected area. The ESS “Characteristics of living systems that enable activities promoting health, recuperation or enjoyment through active and passive immersive interactions” is the one with the highest score (356 points), also in terms of pressures and impacts on the ESS (128 points) from local stakeholders.

## SENSITIVE MAP ON MARINE ECOSYSTEM

Ecosystem	Marine
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Ecosystem Service	Total	Benefit	Impact	Conflict	Involvement
Characteristics of living systems that enable activities promoting health, recuperation or enjoyment through active or immersive interactions	280	59	98	68	55
Bio-remediation by micro-organisms, algae, plants, and animals	276	78	92	50	56
Filtration/sequestration/storage/accumulation by micro-organisms, algae, plants, and animals	216	71	64	33	48
Regulation of the chemical condition of salt waters by living processes	172	56	58	26	32
Regulation of chemical composition of atmosphere and oceans	132	38	52	19	23
Wild animals (terrestrial and aquatic) used for nutritional purposes	120	29	42	26	23
Maintaining nursery populations and habitats (Including gene pool protection)	110	34	36	21	19
Regulation of temperature and humidity, including ventilation and transpiration	95	19	38	19	19
Characteristics of living systems that enable activities promoting health, recuperation or enjoyment through passive or observational interactions	76	22	30	17	15
Characteristics of living systems that enable education and training	59	21	14	9	15
Characteristics of living systems that enable scientific investigation or the creation of traditional ecological knowledge	45	15	12	5	13
Control of erosion rates	39	11	14	4	10
Pollination (or 'gamete' dispersal in a marine context)	24	8	8	4	4
Disease control	10	3	2	2	3
Pest control (including invasive species)	10	3	2	2	3
Characteristics or features of living systems that have an existence value	8	3	2	2	1
Elements of living systems used for entertainment or representation	6	2	2	1	1
<b>Totale complessivo</b>	<b>1678</b>	<b>472</b>	<b>566</b>	<b>308</b>	<b>340</b>

The analytic analysis on the pressures and impacts on the targeted ESS led to the identification of the following ones as the most relevant to be tackled thanks to the adoption of specific management and conservation measures:

- Disturbance on local fauna (in particular due to the overlapping of the area where the kite surfers usually do their recreational activity with the area occupied by the wintering avifauna);
- Anchoring on seagrass beds;
- Undersize catchment of fish-stock;
- Impacts connected to the management of tourism activities (in particular due to the increasing numbers of customers and related pressure on N2K elements) and tourism promotion.

Such pressures and impacts on the habitats (i.e. seagrass bed) and local fauna (i.e. wintering avifauna and in some places roosting and nesting birds) could undermine the functionality of the marine ecosystems of the Isonzo Rivermouth Nature Reserve and, in particular, its capacity to provide the ESS “Maintaining nursery populations and habitats (Including gene pool protection)” which is one of the main conservation goals as well as one of the most valuable ESS provided by of the pilot Protected Area. At this scope, the Pilot Action will focus on a set of measures for balancing the trade off between the two ESS while reducing the pressures on the concerned marine ES.



Picture 1; Kentish plover (*Charadrius alexandrinus*) nesting in the little island by the mouth of the river



Picture 2: Dunlins (*Calidris alpina*) roosting in the nature reserve during a stopover of spring migration

Once defined the ESS to be targeted by the project pilot, thanks to the sensitive maps the LP identified the most relevant stakeholders related to such ESS in order to involve them in the testing of an integrated management measure for reducing the pressures and trade-offs listed here above: the table reported below lists in a descending order the stakeholder's categories by the score assessed, within the stakeholders' analysis, on the base of the benefit, impact, conflict and involvement indicators. The "Protected area - Economic operator" is the category with the highest score (13 points). Considering that such stakeholder is already engaged in the integrated management activities of the Isonzo Rivermouth Nature Reserve as operational management body, the LP decided to focus on the second highest score (12 points) in order to actually apply and test the community based management approach foreseen by the project. The following stakeholder's categories have been selected:

- Kitesurfing Association,
- Boating Association.

Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Protected area - Economic operator	Increasing of visitors flows and business	Increasing numbers of costumers generate impacts among n2k elements	Conflict in management different SH (photographer, birdwatcher, environmentalist, generalist visitors)	High level of involvement	3	4	3	3	13
Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Kitesurfing Association	There isn't any other access to the sea for the kite surfers in the north Adriatic area	The area where the kite surfers usually do their recreational activity overlaps with the area occupied by the wintering avifauna	The introduction of behavioral code is expected to reduce the conflict and the impact	There is a very high interest to meet the PA issues	3	4	2	3	12
Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Boating Association	Sailors benefit from the N2K site, appreciate the quality of the environment	The impact is related to wild birds disturbance and anchoring on posidonia meadows	The introduction of behavioral code is expected to reduce the conflict and the impact	High interest to be involved	3	4	2	3	12

Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Local Municipality	Valorization of N2K sites giving citizens the opportunity to have active interactions with nature and promoting the economic valorization	Impact on effective promotion of the area	There are some conflicts with users/visitors which claim for the introduction of behavioral code	Involvement is expected in order to rule flows and recreational activities	3	2	4	3	12
Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Cultural Association	Association offers to citizens the opportunity to make nature-based tourism, visiting the N2K site by swimming	Impact is not estimated but is assessed to be medium	The introduction of behavioral code is expected to reduce the conflict and the impact	High interest to be involved	2	4	2	3	11
SH Ecopark Association (Festival "Aeson" and voluntary activities)	The Ecopark Association offers to citizens the opportunity to make nature-based tourism, visiting the N2K site by cultural and sporting entertainment	The event management includes the assessment of the environmental impact and technicians are involved in the assessment	Discussing environmental issues increases the environmental sensitivity and the continuous learning brings to virtuous process	High interest to be involved	3	2	2	3	10
Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Protected area - Management Authority	Valorization of N2K sites giving citizens the opportunity to have active interactions with nature	Impact connected with the political choice in the management of tourist activities	There are some conflicts with users/visitors which claim for the introduction of behavioral code	Involvement is expected in order to rule flows and recreational activities	3	4	2	2	11
Protected area - Scientific board	Valorization of N2K sites giving citizens the opportunity to have active interactions with nature	No impact	The introduction of behavioral code is expected to reduce the conflict and the impact	Interest to be involved, regulating visitor flows and recreational activities	3	2	2	3	10
Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score



Accommodation	B&B and Camping offer to customers the opportunity to make nature-based tourism, visiting the N2K site by sailing and rowing	Increasing numbers of costumers generate impacts among n2k elements. In case of canoeing and boating the impact is related to wild birds disturbance and anchoring on posidonia meadows	The introduction of behavioral code is expected to reduce the conflict and the impact	Low interest to be involved	2	4	2	1	9
<b>Stakeholder</b>	<b>Benefit (text)</b>	<b>Impact (text)</b>	<b>Conflict (text)</b>	<b>Involvement (text)</b>	<b>Benefit (code)</b>	<b>Impact (code)</b>	<b>Conflict (code)</b>	<b>Involvement (code)</b>	<b>Score</b>
Recreational fishermen Association	Fishing in an area with high natural value and benefitting of the reserve effect	Undersize catchment	Low level of conflict with professional fishing and environmentalist	Interest to be involved	2	4	1	2	9
<b>Stakeholder</b>	<b>Benefit (text)</b>	<b>Impact (text)</b>	<b>Conflict (text)</b>	<b>Involvement (text)</b>	<b>Benefit (code)</b>	<b>Impact (code)</b>	<b>Conflict (code)</b>	<b>Involvement (code)</b>	<b>Score</b>
RAFGV – PromoturismofVG	Valorization of N2K sites giving citizens the opportunity to have passive interactions with nature	Impact related to the message of the tourism promotion. Nature based tourism has to be communicated in a proper way	Low level of conflict among SHs	Involvement in proper promotion and marketing	3	2	1	3	9
RAFGV – Biodiversity service	Valorization of N2K sites giving citizens the opportunity to have active interactions with nature	Impact connected with the political choice in the management of tourist activities	There are some conflicts with users/visitors which claim for the introduction of behavioral code	Involvement is expected in order to rule flows and recreational activities	3	2	2	1	8
<b>Stakeholder</b>	<b>Benefit (text)</b>	<b>Impact (text)</b>	<b>Conflict (text)</b>	<b>Involvement (text)</b>	<b>Benefit (code)</b>	<b>Impact (code)</b>	<b>Conflict (code)</b>	<b>Involvement (code)</b>	<b>Score</b>
Citizens – Nature conservation Association	Educational and training activities are carried out by NGOs in N2K site Carrying out conservation campaigns, among others that one that brought to the RNFI recognition	No impact	There are some conflicts among SHs in benefitting of the N2K site	Involvement is required	3	2	2	1	8



Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Citizens	Birdwatching	No impact	There are some conflicts among SHs in benefitting of the N2K site	Involvement is required	3	2	2	1	8
Stakeholder	Benefit (text)	Impact (text)	Conflict (text)	Involvement (text)	Benefit (code)	Impact (code)	Conflict (code)	Involvement (code)	Score
Rowing activity	Rowers benefit from the N2K site, appreciate the quality of the environment	The impact is related to wild birds disturbance	The introduction of behavioral code is expected to reduce the conflict and the impact	Low interest to be involved	1	2	2	1	6

Such stakeholder's categories are also the ones who generate some of the most critical pressures on local ES (disturbance on wintering avifauna and wild birds + anchoring on seagrass meadows) previously identified: nevertheless, they are also characterised by a high interest to be involved in the Protected area's integrated management system and support the fulfilment of the PA goals developing and adopting a behavioural code for reducing conflicts and the impacts. Therefore, according to the preliminary analysis, the decisions taken by the JTF and the selection of the ES/ESS/relevant stakeholders to be targeted, the Pilot Action will focus on the balancing of the trade-offs between CULTURAL ESS and REGULATION & MAINTENANCE (BIOTIC) ESS in the marine ecosystems of the Isonzo Rivermouth Nature Reserve through the introduction of specific behavioural codes, the adoption of smart tools for its application and the implementation of communication programmes and actions for awareness-raising.

### 3. ES MANAGEMENT MEASURE(s) TO BE TESTED

#### 3.1 OBJECTIVE AND EXPECTED RESULTS

The aim of the pilot is to preserve the functionality of marine ecosystems and balance the trade-offs between CULTURAL ESS and REGULATION & MAINTENANCE (BIOTIC) ESS by reducing the pressures and impacts generated by boating and kitesurf associations on the habitat of the seagrass meadows and wild birds population in the N2K site. Indeed, according to project monitoring activities, seagrass meadows are impacted by the anchoring of boats which jeopardizes their capacity to provide a nursery habitat for fish stock and other marine species. On the other side, boating activities disturb also wild birds population, especially those nesting in the "Isola dei Gabbiani"

which is a restricted area within the Isonzo Rivermouth Nature Reserve, while kitesurfers generate further disturbance on birds in the N2K site by the seal of the kitesurfs, especially during the winter season with a serious risk of abandonment of the wintering area.



**Picture 3: Birds and Kitesurfers in the same place: with shared effective rules it is possible!**

Consistently, the results expected from the Pilot Action are:

1. Improved conservation and/or increasing of bird population size;
2. Improved conservation of Seagrass meadows and/or increasing of fish and marine species population size;
3. Increased awareness about nature conservation goals and benefits among boaters and kitesurfers;

### 3.2 METHODOLOGY ADOPTED FOR THE TEST

The methodology adopted for testing the pilot management and conservation measures on the target ESS foresees the adoption of two different sub-measures: one for limiting the pressures generated by boating associations and one for reducing the pressures produced by kitesurfing.

The pilot action is composed by the following tasks:

1. Sub-measure aimed at “Reducing pressures from boating activities”:
  - a. Task 1- development of a behavioral code for boating activities within the N2K site and surrounding areas: LP defines together with the concerned stakeholders which are the rules to be adopted for boating in the N2K site and surrounding areas without generating impacts on marine ecosystems;
  - b. Task 2 – implementation of an educational and raising awareness campaign: LP defines the contents and implements a dedicated educational and raising awareness campaign addressed to boaters for prompting the adoption of the behavioral code for boating activities. At this cope, LP with the concerned stakeholders carry out a dedicated social media campaign and places informative panels in the marinas of the PA’s surrounding area about the N2K site, the potential threats to local ecosystems and the rules to be adopted for boating in the N2K site and surrounding areas without generating impacts on marine ecosystems;
  - c. Task 3 – development of a software application – LP develops a software application for mobile phone and digital sports wrist watch for informing and support boaters in the application of the behavioural code adopted: the app points out the limits of the N2K and the protected area on a georeferenced map as well as the potential threats on habitats and birds, depending on the season, with the related limitations for boating activities.
2. Sub-measure aimed at “Reducing pressures from kitesurfing activities”:
  - a. Task 1 - identification of the area dedicated to kitesurfing activities: LP with the concerned stakeholders identifies a restricted area inside the N2K area and outside the protected area for kitesurfing activity;
  - b. Task 2 - development of a behavioral code for kitesurfing activities in the dedicated area: LP defines together with the concerned stakeholders which are the rules to be adopted for kitesurfing in the dedicated area within N2K site and surrounding areas without generating impacts on marine ecosystems;
  - c. Task 3 – implementation of an educational and raising awareness campaign: LP defines the contents and implements a dedicated educational and raising awareness campaign addressed to kitesurfers for prompting the adoption of the behavioral code for kitesurfing activities. At this cope, LP with the concerned stakeholders produces a video, carry out a

dedicated social media campaign and places informative panels in the main kitesurf points about the N2K site, the potential threats to local ecosystems and the rules to be adopted for kitesurfing in the N2K site and surrounding areas without generating impacts on marine ecosystems.

- d. Task 4 - development of a software application: LP develops a software application for digital sports wrist watch for pointing out the limits of the kitesurfing area, the N2K and the protected area on a georeferenced map during the sport activity.

### 3.3 STAKEHOLDERS CONCERNED (DIRECTLY AND INDIRECTLY)

As regard the stakeholder category “Boating Association”, the following stakeholders have been identified among others because directly linked to the N2K site:

- “Associazione Amici dei Caregoni” is visiting the “Caregoni” area which is located inside the N2K site,
- “Associazione Punta Barene” is managing the marina “Punta Barene” located inside the N2K area.

As regard the stakeholder category “Kitesurfing Association”, the KiteLife Association has been identified as unique operator in the area.

The needs for a better management of the targeted ESS and the pilot measures have been deeply discussed with such associations within dedicated JTF meetings. The workplan and the tasks foreseen for testing the pilot measures have been developed with the concerned associations which suggested also to share the results achieved with other boating associations located in the surrounding area for widening the pilot impact.

The “Associazione Amici dei Caregoni” and the “Associazione Punta Barene” are directly involved in the implementation of Task 2 and Task 3 of the sub-measure aimed at “Reducing pressures from boating activities”. The KiteLife Association is directly involved in the implementation of Task 1, 3 and 4 of the Sub-measure aimed at “Reducing pressures from kitesurfing activities”. Besides, other stakeholders are involved:

- Tasks 2 and 3 of the sub-measure aimed at “Reducing pressures from boating activities” require the involvement of PromoTurismoFVG, which is the Regional Agency for tourism, who already agreed to share the pilot educational and information material on its website and social channels;
- As for the Task 1 of the sub-measure aimed at “Reducing pressures from kitesurfing activities”, the feasibility of the proposal for the delimitation of a dedicated area, as well as the related administrative procedure, has to be discussed and authorised by the Biodiversity Service of the Regione Autonoma Friuli Venezia Giulia;

- Tasks 3 and 4 of the sub-measure aimed at “Reducing pressures from kitesurfing activities” require the involvement of PromoTurismoFVG, which is the Regional Agency for tourism, who already agreed to share educational and information material on its website and social channels.

### **3.4 EQUIPMENT AND/OR FACILITIES NEEDED**

The Pilot Action is carried out in the marine areas of the Isonzo Rivermouth Nature Reserve and, therefore, any facility is directly involved in the Pilot Action except for the Visitor Center where the LP will display and provide information about the behavioural code defined for boating and kitesurfing activities together with the pilot tools for its application. As for the development of such pilot tools, the equipment needed is:

1. Set of panels located in the marinas and main kitesurf points about the N2K site, the rules and the zoning, the potential threats to local ecosystems and the behavioural code adopted for reducing pressures and impacts on natural resources;
2. Software application for mobile phone about the N2K site rules and zoning
3. Video about the N2K site, the potential threats to local ecosystems and the rules to be adopted for kitesurfing in the N2K site and surrounding areas without generating impacts on marine ecosystems.

According to the project principle of dematerializing the communication tools and materials in order to reduce the environmental impact of IMPREGO, the educational and raising awareness campaign as well as any other informative action carried out within the Pilot Action, except for the equipment listed here above, will be in digital version and spread through LP and stakeholders social media and institutional websites.





**Picture 4: Boundaries, regulations and areas of respect in the Nature Reserve**

## 4. PILOT ACTION WORKPLAN

### 1. SUB-MEASURE AIMED AT “REDUCING PRESSURES FROM BOATING ACTIVITIES”

Task	Start date	End date	Location	Human Resources	Stakeholders involved	Costs
<i>Task 1- development of a behavioral code for boating activities within the N2K site and surrounding areas</i>	2 <sup>nd</sup> May 2019	31 <sup>st</sup> May 2019	Staranzano	The Protected Area Managers define which are the rules to be adopted for boating in the N2K site and surrounding areas without generating impacts on marine ecosystems	Boating Associations review and validate the behavioural code proposed	€ 0.00
<i>Task 2 – implementation of an educational and raising awareness campaign</i>	31 <sup>st</sup> May 2019	28 <sup>th</sup> June 2019	Social media + marinas of the PA's surrounding areas	<p>The Protected Area Managers and Scientific Experts provide the content for the social media campaign and informative panels</p> <p>The Communication Manager drafts the posts/web news for the social media campaign and prepares the graphic elements for the panels</p> <p>An external service selected by the LP produces and installs the panels in the selected areas</p>	<p>Boating Associations make a contribution to the production of the content for the social media campaign and informative panels and support the LP in the installation of the informative panels</p> <p>RAFVG-PromoTurismoFVG shares the pilot educational and information material on its website and social channels and supports LP in the promotion of the campaign</p>	€ 600,00
<i>Task 3 – development of a software application</i>	2 <sup>nd</sup> May 2019	28 <sup>th</sup> June 2019	Staranzano + marinas of the PA's	The Protected Area Managers and Scientific Experts provide the content for the software application	Boating Associations tests and widespread the software application among its boaters	€ 5.000,00



			surrounding areas	An external service selected by the LP develops the software application.	and other boating associations/marinas  RAFVG-PromoTurismoFVG promotes the software application and its contents on its website and social channels	
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## 2. SUB-MEASURE AIMED AT “REDUCING PRESSURES FROM KITESURFING ACTIVITIES”

Task	Start date	End date	Location	Human Resources	Stakeholders involved	Costs
<i>Task 1 - identification of the area dedicated to kitesurfing activities</i>	2 <sup>nd</sup> May 2019	March 2020	Staranzano + Premises of the RAFVG-Biodiversity Service	<p>The LP and the Protected Area Managers inform the RAFVG-Biodiversity Service and coordinate the authorisation procedure</p> <p>The Protected Area Managers monitor the results by visual census on target species</p>	<p>KiteLife Association supports the LP in the presentation of the issue</p> <p>RAFVG-Biodiversity Service implements the procedure for the delimitation of the area dedicated to kitesurfing activities</p>	€ 1.000,00
<i>Task 2 - development of a behavioral code for kitesurfing activities in the dedicated area</i>	2 <sup>nd</sup> May 2019	31 <sup>st</sup> May 2019	Staranzano	The Protected Area Managers define which are the rules to be adopted for kitesurfing in the N2K site and surrounding areas without generating impacts on marine ecosystems	KiteLife Association reviews and validates the behavioural code proposed	€ 0.00

<i>Task 3 – implementation of an educational and raising awareness campaign</i>	31 <sup>st</sup> May 2019	28 <sup>th</sup> July 2019	Social media and kitesurf hot spots (Monfalcone, Grado)	<p>The Protected Area Managers and Scientific Experts provide the content for the social media campaign, informative panels and video</p> <p>The Communication Manager drafts the posts/web news for the social media campaign and prepares the graphic elements for the panels and the video</p> <p>An external service selected by the LP produces the panels, the video and installs the panels in the selected areas</p>	<p>KiteLife Association makes a contribution to the production of the content for the social media campaign, informative panels and video as well as supports the LP in the installation of the informative panels and dissemination of the informative video</p> <p>Local municipalities run the procedures for getting allowance of land owners to install the informative panels</p> <p>RAFVG-PromoTurismoFVG shares the pilot educational and information material on its website and social channels and supports LP in the promotion of the campaign and the related informative video</p>	€ 3.000,00
<i>Task 4 - development of a software application</i>	2 <sup>nd</sup> May 2019	28 <sup>th</sup> July 2019	Staranzano + kitesurfing hot-spots	<p>The Protected Area Managers and Scientific Experts provide the content for the software application</p> <p>An external service selected by the LP develops the software application.</p>	<p>KiteLife Association tests and widespread the software application among its surfers and other kitesurfing associations</p> <p>RAFVG-PromoTurismoFVG promotes the software application and its contents on its website and social channels.</p>	€ 9.000,00

## 5. PILOT ACTION MONITORING PLAN

### 1. SUB-MEASURE AIMED AT “REDUCING PRESSURES FROM BOATING ACTIVITIES”

Expected result	Related Task(s)	Indicators	Target value	Means of verification	Timing
<i>Result 1 - Improved conservation and/or increasing of bird population size;</i>	Task 1, 2, 3	Bird population size	Increasing of bird population size of 10%	Monitoring of the target species within the project and PAs institutional activities	Autumn and winter of each year
<i>Result 2 - Improved conservation of Posidonia meadows and/or increasing of fish and marine species population size;</i>	Task 1, 2, 3	Fish and marine species population size  Sea grass meadows size	Increasing of fish and marine species population size of 10%	Monitoring of the target species within the project and PAs institutional activities	Autumn and winter of each year
<i>Result 3 - Increased awareness about nature conservation goals and benefits among boaters</i>	Task 2, 3	Violation of restricted areas	Reduction of 50% of violation	Monitoring by protected area managers	Autumn and winter of each year
		Anchoring Sea grass Meadows	Reduction of 50% of anchoring	Monitoring by protected area managers	Spring and summer of each year
		Downloads of the software application	50% of the members of the associations downloaded the software application	Monitoring by the associations board	Summer 2019
		Comments on social media	100 of positive feedback on the initiative (10% of the facebook page <sup>1</sup> )	Monitoring of the social channels	Summer 2019

<sup>1</sup> The community of the “Amici dei caregoni” facebook page is actually composed by 1.115 members.

## 2. SUB-MEASURE AIMED AT “REDUCING PRESSURES FROM KITESURFING ACTIVITIES”

Expected result	Related Task(s)	Indicators	Target value	Means of verification	Timing
<i>Result 1 - Improved conservation and/or increasing of bird population size;</i>	Task 1, 2, 3, 4	Wintering bird population size	Increasing of wintering bird population size of 10%	Monitoring of the target species within the project (results)	Autumn and winter of each year
<i>Result 3 - Increased awareness about nature conservation goals and benefits among kitesurfers</i>	Task 3, 4	Violation of restricted areas	Reduction of 50% of violation	Monitoring by protected area managers	Autumn and winter of each year
		Downloads of the software application	50% of the members of the association downloaded the software application	Monitoring by the association board	Summer 2019
		Comments on social media	150 of positive feedback on the initiative (10% of the facebook page <sup>2</sup> )	Monitoring of the social channels	Summer 2019
		Video views	3000 clicks on video links	Monitoring of the social channels and websites	Summer 2019

<sup>2</sup> The community of the “KiteLife Grado” facebook page is actually composed by 1.500 members.