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# ECOSEA

*Protection, improvement and integrated management of the sea environment and of cross-border natural resources*

WP5: Presentation of the Action Plan  
and start up of activities  
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Bari, 23rd January 2014

# Overview of presentation

- *For each action:*
  - *Objectives*
  - *Main activities*
  - *Partners involved*
  - *Output and results*
  - *Budget allocation for each partner*

# Action 5.1 - coordination

- Objective:
  - ✓ ensure a sound implementation of the project tasks, the production of project outputs as well as the achievement of project results by partners.
- Activities:
  - Schedule of activities
  - Monitoring of development
  - Assessment of output and results

## *Action 5.1 - coordination*

- *The LB – Veneto Region is the WP coordinator*
- *All partners participate in carrying out the actions of WP5 through their WP5 ad-hoc technical staff either their project managers (WP1). In particular, partners are supposed to constantly coordinate with the WP5 coordinator appointed by the LB – VEN*

# Action 5.1 – coordination: BUDGET

PP	STAFF	EXT. EXP.	T&A
LB - VEN	€ 3.000,00	€ 3.00,00	€ 800,00
FB <sub>1</sub> - FVG	€ 0,00	€ 0,00	€ 800,00
FB <sub>2</sub> - ER	€ 0,00	€ 0,00	€ 800,00
FB <sub>3</sub> - MAR	€ 0,00	€ 0,00	€ 800,00
FB <sub>4</sub> - ABR	€ 0,00	€ 0,00	€ 800,00
FB <sub>5</sub> - APU	€ 3.050,00	€ 0,00	€1.1800,00
FB <sub>6</sub> - PGZ	€ 0,00	€ 0,00	€ 800,00
FB <sub>7</sub> - ZAD	€ 2.025,00	€ 0,00	€ 1.600,00
FB <sub>8</sub> - MOE	€ 0,00	€ 0,00	€ 800,00



# Action 5.2 – CB model for sustainable fishing management

- Objectives:

- ✓ Outline a cross-border model oriented to define, for a set of target species, shared catching modalities that match eco-biological characteristics of the species and the market demand
- ✓ Find a balance between economic proficient catches and maintenance of the fish stocks (i.e. catches in areas and times of the year so that stocks reproduction and growth are not affected)

- Activities (from the AF):

- Drafting of the model

## Action 5.2 – CB model: a focus

- ✓ It is **management models of ichthyic resources**, that complies with recommendations set at EU (Common Fishery Policy) and international level and with the choices adopted at national/regional level for fishery management
- ✓ It is oriented to promote a fishing effort consistent **with the maintenance of “carrying capacity” of the marine ecosystems and with the market requests**
- ✓ It contains guidelines and operative indications to promote the spreading of sustainable catch systems, at cross-border level. In other words, starting from:
  - the biological and ecological needs of the target species and from their diffusion in the Adriatic area during the different season of the year
  - a deep analysis of market demandproper measures will be defined to avoid catch systems that not only impoverish the Adriatic stocks but also generate productive surplus
- ✓ Target species should be outlined **according to their importance in the Adriatic ichthyic production**

## Action 5.2 – CB model

Involved partners:

- ▶ FB3 – MAR is responsible for the coordination of the partnership in drafting the model, i.e. is responsible for drafting the model with the support/collection of contributions provided by all partners and especially by FB8-MOE, LB-VEN, FB2-ER, FB4-ABR and FB5-APU.
- ▶ A strong steering and advising role has to be given by the AAB members



## Action 5.2 – CB model: budget

PP	STAFF	
LB - VEN	€ 2.400,00	
FB1 - FVG	€ 1.390,00	
FB2 - ER	€ 5.500,00	
FB3 - MAR	€ 9.200,00	✓ Participate in the process of definition of the shared CB model
FB4 - ABR	€ 16.000,00	✓ Provide contributions according to FB3-MAR requests
FB5 - APU	€ 6.100,00	
FB6- PGZ	€ 16.000,00	
FB7- ZAD	€ 9.438,00	
FB8 - MOE	€ 3.400,00	

## Action 5.2 – CB model: budget

PP	EXT. EXP.	
LB - VEN	€ 18.000,00	<b>SENIOR EXPERT:</b> <ul style="list-style-type: none"><li>✓ Participate in the process of definition of the shared CB model</li><li>✓ Provide contributions according to FB3-MAR requests</li></ul>
FB1 - FVG	€ 3.300,00	
FB2 - ER	€ 6.500,00	
FB3 - MAR	€ 25.000,00	
FB4 - ABR	€ 25.000,00	
FB5 - APU	€ 8.000,00	
FB6- PGZ	€ 25.000,00	
FB7- ZAD	€ 0,00	
FB8 - MOE	€ 11.138,00	

# Action 5.3 Local co-management protocols

- Objectives:
  - ✓ Apply at local level the recommendations set up by the CB model for sustainable fishing management (act. 5.2)
  - ✓ Involve, sensitize and train the operators (through Organisation of Producers, fishermen associations, other representatives, etc.) in order to spread a sustainable use of ichthyic resources at local level
  - ✓ Promote the establishment of CB Organisation of Producers

# Action 5.3 Local co-management protocols

- *Activities ½ (from the AF):*
  - *Definition and drafting of n. 9 co-management protocols (at least n.1 for each partner), according to a common framework (guidelines). Pay attention: the contents of the local protocols should match the recommendations provided by the CB model and the operators' needs (gathered mainly during the local meetings – see below). Specificities with regards to modalities of local application of the CB model could be also supported by the FISH.GIS application.*
  - *Pilot application of co-management protocols by the operators within their ordinary fishing activity.*

# Action 5.3 Local co-management protocols

- *Activities 2/2 (from the AF):*
  - **Local meetings\* with operators** (at least n.4 sessions for each partners) oriented to:
    - Inform and sensitize the operators on project issues
    - Involve them in the protocols drafting process (collection of needs)
    - Train them on the application of local protocols
  - Production and spreading of **information/training material** (in national language) supporting the information and training sessions with operators

\* Meetings with operators could be arranged in occasion of other meetings (e.g. those of act. 4.4 or 5.4) but it is important to give evidence of the "session" relevant to act. 5.3



# Action 5.3 Local co-management protocols

Involved partners:

- ▶ FB2 – ER will define a common framework (guidelines) to draft local protocols according to recommendations provided by the CB model
- ▶ Each partner will draft and sign, with the agreement of local operators, at least n.1 local co-management protocol and promote its implementation by local operators
- ▶ Each partner will organize and realize at least n.4 meetings/information-training sessions with



# Action 5.3 Local co-management protocols

PP	STAFF	
LB - VEN	€ 5.400,00	✓ Coordinate the drafting and the signature of the co-management protocols ✓ Involve the local operators ✓ Organise the meetings /session with operators
FB1 - FVG	€ 556,00	
FB2 - ER	€ 2.400,00	
FB3 - MAR	€ 4.500,00	
FB4 - ABR	€ 6.000,00	
FB5 - APU	€ 6.100,00	
FB6- PGZ	€ 12.000,00	
FB7- ZAD	€ 3.582,00	
FB8 - MOE	€ 2.000,00	

# Action 5.3 Local co-management protocols

PP	EXT. EXP.	
LB - VEN	€ 42.656,84	<p>EXPERT in MARINE BIOLOGY:</p> <ul style="list-style-type: none"><li>✓ Draft the local co-management protocols</li><li>✓ Support the internal staff in involving operators</li></ul> <p>TECHNICAL SERVICES:</p> <p>Provide the technical support for pilot application of protocols</p>
FB1 - FVG	€ 9.500,00	
FB2 - ER	€ 51.000,00	
FB3 - MAR	€ 25.000,00	
FB4 - ABR	€ 15.000,00	
FB5 - APU	€ 42.000,00	
FB6- PGZ	€ 10.400,00	
FB7- ZAD	€ 12.000,00	
FB8 - MOE	€ 18.636,00	

# Action 5.3 Local co-management protocols

PP	MEETINGS	
LB - VEN	€ 1.500,00	Arrangement of the meeting (catering, meeting room, etc)
FB1 - FVG	€ 4.500,00	
FB2 - ER	€ 12.000,00	
FB3 - MAR	€ 4.500,00	
FB4 - ABR	€ 7.500,00	
FB5 - APU	€ 3.800,00	
FB6- PGZ	€ 4.500,00	
FB7- ZAD	€ 4.500,00	
FB8 - MOE	€ 0,00	

# Action 5.3 Local co-management protocols

PP	PROMOTION	
LB - VEN	€ 18.600,00	Printing of the information material
FB1 - FVG	€ 7.500,00	
FB2 - ER	€ 15.000,00	
FB3 - MAR	€ 5.000,00	
FB4 - ABR	€ 7.500,00	
FB5 - APU	€ 10.000,00	
FB6- PGZ	€ 15.000,00	
FB7- ZAD	€ 1.500,00	
FB8 - MOE	€ 4.500,00	




# Action 5.4 – Sustainable aquiculture

- Objectives:

- ✓ Define, test and spread innovative and sustainable aquiculture systems in the Adriatic area
- ✓ Widen the establishment of aquiculture systems able to reply to the specific local characteristics of the environment allowing to:
  - ✓ Ensure the diffusion of activities well integrated whit the local marine environment
  - ✓ Avoid the redundancy of aquiculture system of the same specie/s that weaken not only the environment but also the marked outlet of the fish product
- ✓ Involve, sensitize and train the aquiculture operators in order to spread a sustainable use of marine resources at local level



# Action 5.4 – Sustainable aquiculture

- *Pilot aquiculture systems and location:*
  1. *installation of low impact open sea fish plants (ropes, nets, anchors) – Zadar\* and Primorsko Goranska\* Counties*
  2. *cotton nets substituting nylon nets in mussels breeding plants - Veneto Region*
  3. *calcareous supports for shellfishes breeding - Veneto Region*
  4. *natural plastic tunnels for lobster breeding – FVG Region*
  5. *optimization of aquaculture plants according to territorial vocations – ER Region, Puglia Regions and AL*
-  *\* consider proposal of activities modification*

# Action 5.4 – Sustainable aquiculture

- *Other activities of the action:*
  - *Drafting and distribution of a publication (in national languages + EN) oriented to aquiculture operators summing up all the relevant experiences conducted in action 5.4 with main reference to pilot aquiculture system n.1*
  - *Seminars and meeting with stakeholders and aquiculture operators (at least n. 3 for involved partners)*

# Action 5.4 – Sustainable aquiculture

- *Involved partners:*
- ▶ LB-VEN, FB1-FVG, FB2-ER, FB5-APU, FB6-PGC\*, FB7-ZAD and FB8-MOE are responsible for the implementation and testing of the pilot aquiculture systems
- ▶ FB5 -APU + FB7-ZAD are responsible for the drafting of the publication contents and for their translation. FB5 -Apu is responsible for translation in national language. Each partner is responsible for the printing of this information material.
- ▶ LB-VEN, FB1-FVG, FB2-ER, FB5-APU, FB6-PGC, FB7-ZAD and FB8-MOE are responsible for the realisation of seminars and meeting with stakeholders and aquiculture operators (at least n. 3 for each involved partners)

# Action 5.4 – Sustainable aquiculture

PP	STAFF	
LB - VEN	€ 2.400,00	
FB1 - FVG	€ 1.390,00	
FB2 - ER	€ 5.000,00	
FB3 - MAR	€ 0,00	
FB4 - ABR	€ 4.000,00	✓ Coordination of activities ✓ Involvement of operators
FB5 - APU	€ 6.100,00	
FB6- PGZ	€ 12.000,00	
FB7- ZAD	€ 3.582,00	
FB8 - MOE	€ 2.400,00	



# Action 5.4 – Sustainable aquiculture

PP	EXT. EXP.	
LB - VEN	€ 25.156,84	<p>EXPERT in MARINE BIOLOGY:</p> <ul style="list-style-type: none"> <li>✓ Define the sustainable aquiculture system</li> <li>✓ Support the internal staff in involving operators</li> </ul> <p>TECHNICAL SERVICES:</p> <p>Provide the technical support for pilot application of aquiculture system</p>
FB1 - FVG	€ 10.000,00	
FB2 - ER	€ 17.000,00	
FB3 - MAR	€ 0,00	
FB4 - ABR	€ 0,00	
FB5 - APU	€ 38.000,00	
FB6- PGZ	€ 45.315,08	
FB7- ZAD	€ 27.200,00	
FB8 - MOE	€ 8.500,00	

# Action 5.4 – Sustainable aquaculture

PP	MEETINGS	
LB - VEN	€ 1.500,00	Arrangement of the meeting (catering, meeting room, etc)
FB1 - FVG	€ 4.500,00	
FB2 - ER	€ 12.000,00	
FB3 - MAR	€ 0,00	
FB4 - ABR	€ 0,00	
FB5 - APU	€ 3.000,00	
FB6- PGZ	€ 4.500,00	
FB7- ZAD	€ 4.500,00	
FB8 - MOE	€ 4.500,00	

# Action 5.4 – Sustainable aquaculture

PP	PROMOTION	
LB - VEN	€ 18.600,00	Printing of the publication on sustainable aquaculture systems
FB1 - FVG	€ 7.500,00	
FB2 - ER	€ 15.000,00	
FB3 - MAR	€ 0,00	
FB4 - ABR	€ 0,00	
FB5 - APU	€ 4.000,00	
FB6- PGZ	€ 18.600,00	
FB7- ZAD	€ 7.500,00	
FB8 - MOE	€ 4.500,00	

# Action 5.4 – Sustainable aquiculture

PP	EQUIPMENT	
LB - VEN	€ 80.000,00	To be defined by involved partners, according to pilot aquiculture system tested
FB1 - FVG	€ 20.000,00	
FB2 - ER	€ 0,00	
FB3 - MAR	€ 0,00	
FB4 - ABR	€ 0,00	
FB5 - APU	€ 14.000,00	
FB6- PGZ	€ 0,00	
FB7- ZAD	€ 72.114,00	
FB8 - MOE	€ 20.000,00	



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# Thank you for your attention!

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