

## WP5

# Pilot Sites: adaptation strategies and measures for increasing resilience to climate change

### Activity 5.2.1

Adaptation plan / design of interventions / pilot interventions on Neretva River  
Delta

### Deliverable 5.2.1

## DECISION PROCESS FINAL REPORT

Summary of the outcomes of the participatory phase

Delivery date: 30/09/2021

Version 1.0



<b>Project Acronym</b>	CHANGE WE CARE
<b>Project ID Number</b>	10043385
<b>Project Title</b>	Climate cHallenges on coAstal and traNsitional chanGing arEas: WEaving a Cross-Adriatic REsponse
<b>Priority Axis</b>	2 Safety and resilience
<b>Specific objective</b>	2.1 – Improve the climate change monitoring and planning of adaptation measures tackling specific effects, in the cooperation area
<b>Work Package Number</b>	5
<b>Work Package Title</b>	Pilot Sites: adaptation strategies and measures for increasing resilience to climate change
<b>Activity Number</b>	5.2
<b>Activity Title</b>	Adaptation plan – design of interventions on Neretva River
<b>Partner in Charge</b>	PUBLIC INSTITUTION FOR MANAGEMENT OF PROTECTED NATURAL AREAS OF DUBROVNIK-NERETVA COUNTY
<b>Partners involved</b>	AUTONOMOUS REGION OF FRIULI VENEZIA GIULIA; EMILIA-ROMAGNA REGION; INSTITUTE OF OCEANOGRAPHY AND FISHERIES; NATIONAL RESEARCH COUNCIL; PUBLIC INSTITUTION FOR COORDINATION AND DEVELOPMENT OF SPLIT-DALMATIA COUNTY – RERA S.D.; PUBLIC INSTITUTION FOR MANAGEMENT OF PROTECTED NATURAL AREAS OF DUBROVNIKNERETVA COUNTY; PUBLIC INSTITUTION VRANSKO LAKE NATURE PARK; UNIVERSITY OF ZAGREB FACULTY OF GEODESY
<b>Status</b>	Final
<b>Distribution</b>	Public

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## 1. *Foreword*

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This document has been produced in the framework of the INTERREG Italy – Croatia CHANGE WE CARE Project. CHANGE WE CARE fosters concerted and coordinated climate adaptation actions at transboundary level, tested in specific and representative pilot sites, exploring climate risks faced by coastal and transitional areas contributing to a better understanding of the impact of climate variability and change on water regimes, salt intrusion, tourism, biodiversity and agro-ecosystems affecting the cooperation area. The main goal of the Project is to deliver integrated, ecosystem-based and shared planning options for different problems related to climate change (CC), together with adaptation measures for vulnerable areas, to decision makers and coastal communities. Additional information and updates on the CHANGE WE CARE can be found at <https://www.italy-croatia.eu/web/changewecare>.

## 2. *Aims and content of the document*

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This document is the final report of the decision process undertaken involving stakeholders in the Delta Neretva Pilot Area and corresponds to the Deliverable 5.x.1 indicated in the Application Form. It represents the synthesis of participatory process outcomes based on the following WP5 roadmap:

1. Design of the Participatory Process, months 09/2020 – 03/2021: design /set up a dedicated participatory process in relation to the issues to be tackled, the nature and characteristics of the stakeholders, main local actors, citizens and associations;
2. Implementation of the Participatory Process, months 03/2021 – 09/2021: implementation of the designed process along 7 months, including 3 Participatory Workshops in presence or via online support as Webinar, or other tools as indicated in the following page, and all other means designed/foreseen (as local coordination meetings, public meetings, online virtual squares, blogs, online consultations tools in general, etc.) following the developments of WP3 and WP4 and their specific outcomes for the Pilot Sites;

## 3. *CHANGE WE CARE project and the objectives of WP5*

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CHANGE WE CARE fosters concerted and coordinated climate adaptation actions both at Pilot Sites and transboundary level. The project explores climate risks faced by coastal and transition areas contributing to a better understanding of the impact of climate variability and change on water regimes, salt intrusion, tourism, biodiversity and agro-ecosystems affecting the cooperation area.

WP5 main objective is the preparation of climate change Adaptation Plans in Pilot Site, containing the assessment of present state and of foreseen scenarios, the indication of measures and intervention priorities, monitoring strategies and jurisdictional references.

The Planning options presented are the result of participated processes involving local authorities and stakeholders. The Adaptation Plans include actions and interventions, where appropriate, indicating the timeline and the financial strategy for the implementation of the envisaged activities and Monitoring Plans (taking stock also of WP4 indications) for observing and ensuring the durability of the project outcomes and of the implementation of the Plan.

## **4. Description of the participatory process designed for the Delta Neretva Pilot Area**

### **Title of the Participatory process**

**Participatory process on the impact of climate change on the Delta Neretva ecological network (HR5000031)**

#### **4.1 Area, themes, sectors of intervention**

Workshops focused on the impact of climate change on the area of the Delta Neretva ecological network (HR5000031). The workshop discussed the impact of climate change on ecosystems, economy and population living in the Neretva delta area. By defining potential challenges in the future related to climate change, possible objectives, measures and adaptation activities of the area were discussed. In the workshops participated participants who are dealing with fisheries, agriculture, environmental protection and water resource management which were also the main sub-topics from the workshop.

#### **4.2 General aim of the operation**

The overall objective of the participatory process is to achieve communication with local stakeholders. Establishing communication with local stakeholders can contribute to raising awareness of climate change challenges and synergy among stakeholders in the realization of climate change adaptation measures.

An important objective of this activity is to deepen existing knowledge. Knowledge collected from statistical data and conducted surveys can significantly contribute to the quality of the prepared documents. Establishing communication with the local community through workshops can significantly contribute to the complementarity of existing knowledge.

#### **4.3 Synthesis of the participatory process**

For the successful implementation of participatory process, it was important to:

- Organize three participatory workshops in Metković, Opuzen and Ploče;
- Prepare presentation of drafted studies with the aim of deepening research topic;
- Develop workshop activities with the aim of encouraging stakeholders to discuss;
- Bring together a number of stakeholders from the public, private and civil sectors in order to achieve better discussion and
- Prepare reports on conducted workshops.

#### **4.4 Context of the participatory process**

Participants from fisheries, agriculture and environment protection were present at the workshops. Existing conventional farming is recognized as the main cause of pollution of the natural environment: water and soil pollution, which consequently negatively affects all plant, animal and human organisms living in the Neretva delta area. Furthermore, illegal fishing, which causes overfishing of already endangered fish species, has been recognized as a major problem. The problem is that agriculture is recognized as a key economic branch for a large number of inhabitants. Although fishing has not been recognized as an economically important industry, this industry has become very important during a difficult economic situation in 1990s. Representatives of the civil and public sector dealing with environmental protection stressed the importance of fishing control and development of organic agriculture in order to reduce the negative impact of the aforementioned industries on the

environment. An important precondition for the realization of the sustainability of the area is successful cooperation between stakeholders from agriculture, fisheries and environment protection.

#### 4.5 *Objectives of the participatory process*

The aims of the participatory process are:

- Achieve communication with stakeholders from the local community – GENERAL OBJECTIVE
- Increasing the number of stakeholders involved in active reflection of adaption of the area to climate change – QUANTITATIVE OBJECTIVE
- To make local stakeholders aware of the importance of adaptation of areas to climate change – GENERAL OBJECTIVE
- To deepen knowledge on climate change challenges in the area – QUALITATIVE OBJECTIVE
- Achieve synergy among different stakeholders in the area with a view to realizing defined climate change adaptation measures – GENERAL OBJECTIVE

#### 4.6 *Expected results of the participatory process*

The expected results of the participatory process are:

- Communication with stakeholders from the local community – GENERAL RESULT;
- At least 20 local stakeholders involved in active reflection on adaptation of areas to climate change – QUANTITATIVE RESULT;
- Increased awareness of local stakeholders about the importance of adaptation of areas to climate change – GENERAL RESULT;
- Acquired new and deepened existing knowledge on climate change challenges in the area – QUALITATIVE RESULT;
- Synergies between different stakeholders in the area have been achieved with the aim of implementing defined climate change adaptation measures – GENERAL RESULT.

#### 4.7 *Timing foreseen for the participatory process*

Start date:	09/01/2020
Duration of the process (in months):	12

#### 4.8 *Phases of the process*

1. **Stakeholder mapping** – defined number of stakeholders from civil, public and private sectors to be included in the process (12)
2. **Designing phase** – identified number of stakeholders involved in the process
  - Public institution for managing protected nature areas of Dubrovnik-Neretva County,
  - Institute for Physical Planning of Dubrovnik-Neretva County,
  - Administrative Department for Environmental Protection of Dubrovnik-Neretva County,
  - Association for the promotion of the protection of the natural and cultural heritage of the Neretva 'Baštinik',
  - Local tourist boards,
  - BIOM association,
  - Family farms,
  - Educational institutions,
  - Local development agencies,
  - Local self-government units,
  - Croatian waters and

- Local action groups.
- 3. **Implementation phase** – 24 representatives of different stakeholders from civil, public and private sector gathered during three workshops
- 4. **Finalisation phase** – the knowledge gained has been implemented in existing documents

#### 4.9 *Description of the phases (and timing)*

##### 1. Stakeholder mapping (09/01/2020-11/01/2021)

During this phase, identification of key stakeholders was made which, with their knowledge and experience, contributed to better development of the adaptive plan.

##### 2. Design phase (11/02/2020-02/01/2021)

This phase includes the workshop programme. In accordance with the programme, participant invited to workshops were defined.

##### 3. Implementation phase (02/02/2021-09/20/2021)

During this phase, planned workshops were realized, bringing together a wide range of different stakeholders from the public, private and civil sector.

##### 4. Finalisation phase (09/21/2021-09/30/2021)

During this phase, workshop results were implemented into existing documents and strategies.

## 5. *Elements and context of the participatory process for the Delta Neretva Pilot Area*

### 5.1 *Stakeholders involved*

**Tab 1.** List of participants involved into participatory process

Sector	Stakeholder	Area of interest
Public	Public institution for managing protected nature areas of Dubrovnik-Neretva County	Zaštita, očuvanje i promicanje zaštićenih dijelova prirode
	Institute for Spatial Planning of Dubrovnik-Neretva County	Spatial planning
	Administrative Department for Environmental Protection, Property Law and Utility Affairs of Dubrovnik-Neretva County	Environment protection
	Administrative Department for Economy and Maritime Affairs	Economy
	City of Opuzen	City administration
	Plora d.o.o.	Regional development
	Elementary school Stjepana Radića Metković	Education institution
	Public Open University Ploče	Education institution
	Radio station Ploče	Media
	Hrvatske vode	Water resources management



	Tourist board of the City of Metković	Tourism
	Tourist board of the City of Ploče	Tourism
<b>Civil</b>	Association 'Baštinik'	Promoting the protection of natural and cultural heritage of the Neretva river
	Association BIOM	Environment protection
	Local action group Neretva	Regional development
	Association Bioteka	Education and environment protection
<b>Private</b>	Family Farm Joško Curić Babić	Agriculture
	Family Farm Tiha Blažević	Organic agriculture
	Urbanex d.o.o.	Consulting company

Tab 1 lists all stakeholders who participated in the participatory process. 19 stakeholders participated and the table shows which sectors and area of interest each stakeholder belongs to. The largest number of stakeholders is from the public sector, while the number of stakeholders from the private and civil sector is smaller.

## 5.2 Participatory techniques and tools

A workshop was selected as the basic technique with the aim of involving an increasing number of stakeholders in the elaboration of the adaptive plan. During the first workshop, the workshop section included discussion on the key challenges of this area. An important part of the first workshop was the discussion on measures and the definition of the vision of space in the context of climate change by stakeholder. During the second workshop, participants discussed potential objectives, measures and activities in adapting to climate change. During the last workshop, stakeholders actively updated the existing action plan for adapting to climate change. During the workshops, studies that are important for further development of the adaptive plan have been presented.

## 5.3 Accessibility to the documentation

All presentation presented as part of the participatory process were sent to the Public institution for managing protected nature areas of Dubrovnik-Neretva County. All participants in the workshop may request access to the prepared presentations. Also, all conclusions reached during workshops are available in the form of reports from workshops also sent to the public institution. Upon completion of the project, a part of the document will be publicly available through the official website of the public institution for managing protected nature areas of Dubrovnik-Neretva County.

# 6. Synthesis of the preliminary document to feed the process for the Delta Neretva Pilot Area

## 6.1 What are the conditions now?

Neretva Delta is one of the most valuable wetlands on the eastern Adriatic coast and one of the rare remaining wetlands in the European Mediterranean. It is the only real delta and also the largest river mouth in the Republic of Croatia. It consists of remnants of rare Mediterranean wetlands with preserved coastal lagoons and large areas of wetland habitats, and especially stands out for reed

vegetation because they are inhabited by numerous endangered species, especially birds. The delta is surrounded by hilly karst rich in groundwater that supply numerous springs, streams and lakes.

The most important functions of wetland habitats are flood control, groundwater restoration, shoreline hardening and protection from weather hazards in the coastal area, the retention of nutrients and sediments, climate change mitigation and water purification. In addition, wetland habitats represents the habitats of biological and genetic diversity and habitats of numerous economically usable plant and animal species, provide opportunities for development of tourism and recreation and have cultural value.

Neretva Delta is very densely populated and there live about 35,600 people and the population mostly uses land for agricultural purposes. Therefore, the main visual identity of the area is a meliorated agricultural landscape with many irrigation channels.

From the point of view of biological and landscape diversity, the Neretva delta is one of the most valuable areas in Croatia, since it is part of the Natura 2000 protected areas network with the aim of preserving habitats and target species. Protected areas and areas of Natura 2000 network are managed by the Public Institution for the Management of Protected Natural Areas of Dubrovnik-Neretva County.

## 6.2 Which future we see for this area?

During the first participatory workshop, participants emphasized the following terms when discussing the vision of the Neretva delta area in the context of adaptation to climate change: completeness, harmony, coexistence, harmony, unity and local community. Accordingly, the vision is defined as 'the symbiosis of people and river'. Symbiosis in the narrower sense (or mutualism) indicates the interactivity of two organism from which both organisms benefit. The vision highlights the importance of achieving harmonious coexistence between 'two organisms' – the Neretva river and people living near it.

## 6.3 Which objectives and strategies?

The vision of 'the symbiosis of river and people' is planned to be realized through the following objectives:

1. **Preserved and adaptable ecosystem;**
2. **Sustainable management of aquatic ecosystems;**
3. **Improving the functionality of important ecosystems;**
4. **Sustainable and resilient economy and**
5. **Population awareness and proactivity**

Accomplishing these goals can achieve the integrity and sustainability of the Neretva delta area, which is crucial in adapting areas to climate change.

## 6.4 What we suggest doing in this frame?

Within objective **1 Preserved and adaptable ecosystem** the following measures are planned:

- Improvement of water resource management;
- Environmentally friendly management of drainage and water;
- Adapting to extreme weather events and

- Conservation of biodiversity and control of invasive species.

Within objective **2 Sustainable management of aquatic ecosystems** the following measures are planned:

- Protection and improvement of the status of eel;
- Protection and improvement of the status of target and endemic fish species in the ecological network of the Neretva delta;
- Control of invasive fish species;
- Organization of freshwater sport fishing and
- Development of fishing tourism.

Within objective **3 Improving the functionality of important ecosystems** the following measures are planned:

- Improvement of the functionality of the Parila lagoon;
- Improvement of the Kuti Lake area;
- Improvement of the functionality of the Baćinska lakes and
- Improvement of the functionality of the Desna lake.

Within objective **4 Sustainable and resilient economy** the following measures are planned:

- Development of sustainable tourism;
- Development of organic agriculture and
- Development of sustainable fisheries and management of fish stock.

Within objective **5 Population awareness and proactivity** the following measures are planned:

- Education about climate change and
- Participation of the local population in adapting to climate change.

## **7. *Synthesis of the participatory process and outcomes***

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### **7.1 *First workshop 'Effects of climate change on the Neretva delta'***

The first workshop 'Effects of climate change on the Neretva delta' took place at the Metković City Library on 30 March 2021. The first workshop brought together 12 stakeholders from civil, public and private sectors. The first workshop entitled 'Effects of climate change on the Neretva delta' presents the results of previous research and experience of the effects of climate change on agriculture, fisheries and ecosystems in the area of delta Neretva ecological network (HR5000031) and current and planned measures for the prevention of impacts and reduction of damage. The presentation was followed by a discussion that could be divided into four topics: water resources, agriculture, fisheries and aquaculture and biodiversity. When the discussion ended, there was a brief discussion in which stakeholders proposed key words to define the vision of space in adapting to climate change.

#### **Main conclusion of the first workshop:**

- The available quantities of water coming to the Neretva delta represent the greatest problem;
- Construction of a dam and closing of natural paths on the Trebišnjica River to which water was coming, influenced by the loss of fresh water inflow;
- An increase in sea level identified as an important problem;
- The need to address the problem of adaptation to climate change at international level;
- The need for systematic resolution of conflicts between farmers and environmental bodies is highlighted;
- Highlighted problem of poaching;
- Reduced sediment content in the Neretva bed is also recognized as a problem;
- The importance of;
- The importance of fostering organic agriculture has been emphasized;
- The problem of inadequate waste management has been identified;
- Photo safari recognized as potentially dangerous form of tourism;
- When defining the vision of space, participants repeated words: completeness, coexistence, development, local community, harmony, unity.

**Tab 2.** Agenda of the first workshop

TIME	ACTIVITY	PARTICIPANT/NOTE
09:30	Official start Welcome word	Representative of Public institution for managing protected nature areas of Dubrovnik-Neretva County Representative of Bioteka (Petra Peleš) Representative of Urbanex d.o.o. (Paola Marinović)
10:30	Presentation of the agenda and the method of the work Presentation of participants	Representative of Urbanex d.o.o. (Paola Marinović)
11:00	Presentation of Preliminary document	Representative of Urbanex d.o.o. (Paola Marinović)
11:45	Presentation of the workshop concept	Representative of Bioteka (Petra Peleš)
12:00	Pause	
12:30	Work in groups	Participants
13:30	Presentation of group work and discussion of conclusions	Participants
14:30	Outlining the main conclusions and the final word	Representative of Bioteka (Petra Peleš)
15:30	End of the workshop	

**Tab 3.** List of participants of the first workshop

Name and surname	Institution
Ana Jeramaz	Public institution for managing protected nature areas of Dubrovnik-Neretva County
Ana-Marija Bianki	
Ana Tutavac	
Margarita Polzer	
Nikola Karaman	Dubrovnik-Neretva County, Institute for Spatial Planning, Department for Strategic Infrastructure and Development
Vicko Grkeš	Dubrovnik-Neretva County, Administrative Department for Environmental Protection, Property Law and Utility Affairs
Markica Vuica	Association for promotion of the natural and cultural heritage "Baštinik"
Magdalena Medar-Ujdur	Tourist board – City of Metković
Tatjana Hazirović-Juračić	Elementary school Stjepan Radić Metković
Iva Rajković Alendar	Biom
Petra Peleš	Bioteka
Paola Marinović	Urbanex d.o.o.

## 7.2 *Second workshop 'Adaptation measures to different climatic scenarios for the Delta Neretva area'*

The second workshop 'Adaptation measures to different climatic scenarios for the delta Neretva' Was held at the City Library in Opuzen on 30 August 2021. The second workshop presents the measures for adapting to different climatic scenarios for the area of the Delta Neretva ecological network (HR5000031) as well as the results of the research carried out (,..) in order to collect additional data on distribution and status of populations of target species. After the presentation, climate change adaptation measures were presented. The following part of the programme required that stakeholder be actively involved in defining objective, measures and activities for 4 key areas: water, resources, agriculture, fisheries and aquaculture and biodiversity.

### **Main conclusions of the second workshop:**

- The representatives of the 'Hrvatske vode' thinks that the problem is that activities such as deepening are prohibited by environmental protection;
- Conventional agriculture has been recognized as the main polluter of the area;
- The importance of organised linking of stakeholders in agriculture is emphasized;
- The importance of encouraging the practice of organic agriculture has been emphasized;
- Objectives and measures for adaptation to climate change were proposed:
  1. Development of organic agriculture
    - Fostering organic agriculture
    - Building a defence system against extreme conditions
    - Systematic adaptation of agriculture to climate change
  2. Conservation of biodiversity
    - The abuse of invasive species
    - Fostering the use of renewable energy sources.

**Tab 4.** Agenda of the second workshop

TIME	ACTIVITY	PARTICIPANT/NOTE
08:45	Official start Welcome word	Representative of Public institution for managing protected nature areas of Dubrovnik-Neretva County Representative of Bioteka (Petra Peleš) Representative of Urbanex d.o.o. (Paola Marinović)
9:15	Presentation of results of research - Mapping of target fish species in the area of the ecological network Neretva Delta (HR5000031)	Representative of Urbanex d.o.o. (Paola Marinović)
9:45	Presentation of results of research - Research of the physico-chemical factors of climate change in the area of the Delta Neretva ecological network (HR5000031)	Representative of Urbanex d.o.o. (Paola Marinović)
10:15	Presentation of Adaptation measures to different climatic scenarios for Delta Neretva ecological network area	Representative of Urbanex d.o.o. (Paola Marinović)
11:00	Pause	
11:30	Work in groups	Participants
13:00	Presentation of group work and discussion of conclusions	Participants
14:00	Outlining the main conclusions and the final word	Representative of Bioteka (Petra Peleš)
15:45	End of the workshop	

**Tab 5.** List of participants of the second workshop

Name and surname	Institution
Ana Jeramaz	Public institution for managing protected nature areas of Dubrovnik-Neretva County
Ivana Konjevod	
Ana Tutavac	
Lukša Kalafatović	
Vicko Grkeš	Dubrovnik-Neretva County, Administrative Department for Environmental Protection, Property Law and Utility Affairs
Ivan Mataga	City of Opuzen
Tiha Blažević	Family Farm (OPG) Tiha Blažević
Ivica Prović	Dubrovnik-Neretva County, Administrative Department for Economy and Maritime Affairs
Petra Peleš	Bioteka
Paola Marinović	Urbanex d.o.o.
Josip Zmijarević	Local Action Group Neretva
Irena Vištica	Local Action Group Neretva
Joško Erceg	Hrvatske Vode
Maja Erak	Tourist Bord of Ploče

### **7.3 Third workshop 'Akcijski plan za prilagodbu očekivanim klimatskim promjenama u delti Neretve'**

The third workshop 'Action Plan for adaptation to expected climate change in the Neretva delta' was held on 20 September 2021 at the Public Open University in the city of Ploče. The third workshop brought together 13 participants. On the third workshop Action Plan for adaptation to climate change was presented, as well as the Fishery and economic study of the area of the Delta Neretva ecological network and the results of the research of socio-economic status of main stakeholders in the fisheries sector in the area of the delta Neretva ecological network. After the presentation of the Action Plan, participants were invited to comment on each objective, measure and activity. Participants with their knowledge of are and key problems, significantly contributed to the amendment of the existing action plan.

#### **Main conclusions of the third workshop:**

- Recognized completeness of the proposed Action Plan;
- The importance of the Action Plan being a publicly available document and presented to key stakeholders in the area;
- In the context of sustainable water ecosystem management, the importance of preventing illegal activities is emphasized;
- The importance of local educational institutions in awareness of importance of preserving local resources has been recognized;
- The orientation of eel hunting into hunting for tourism purposes has been recognized as a measure that can contribute to the reduction of the excessive eel fishing;
- Intensive agriculture is recognized as a polluter in space.



**Tab 6.** Agenda of the third workshop

TIME	ACTIVITY	PARTICIPANT/NOTE
9:00	Official start Greeting Word	Representative of the Public institution for the management of protected parts of nature of Dubrovnik-Neretva County Representative of Bioteka association (Petra Peleš) Representative of Urbanex d.o.o. (Paola Marinović)
9:30	Presentation of the study Socio-economic analysis of the fisheries sector in the Neretva Delta	Representative of Urbanex d.o.o. (Paola Marinović)
10:00	Presentation of the Fishing-economic study	Representative of Bioteka association (Petra Peleš)
10:30	Presentation of the Action Plan for adaptation to climate change and discussion	Representative of Urbanex d.o.o. (Paola Marinović)
12:00	Pause	
12:30	Main conclusions and closing arguments	Representative of Bioteka association (Petra Peleš) Representative of Urbanex d.o.o. (Paola Marinović)
15:00	End of the workshop	

**Tab 7.** List of participants of the third workshop

First and last name	Institution
Ana Jeramaz	Public institution for the management of protected parts of nature of Dubrovnik-Neretva County
Margarita Polzer	
Ana Tutavac	
Iva Rajović Alendar	BIOM Association
Joško Curić Babić	Family farm Joško Curić Babić
Jelena Mihalj	Plora d.o.o.
Zrinka Medak	Radio station Ploče
Petra Peleš	Bioteka Association
Paola Marinović	Urbanex d.o.o.
Nikola Karaman	Department of Spatial Planning of Dubrovnik-Neretva County
Daniel Jokić	Department of Spatial Planning of Dubrovnik-Neretva County
Karla Šestan	Public Open University Ploče
Paula Šunjić Markota	-

## **8. *Inclusion of the process outcomes in the Adaptation Plan for the Delta Neretva Pilot Area***

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After the implementation of each workshop, a detailed report was prepared which records all important conclusions. The existing drafted documents are improved with conclusions from the conducted workshops. The first workshop discussed the vision of the Neretva delta area in adapting to climate change, and the results of the discussion were implemented in the vision defined in the Action Plan presented during the third workshop. During the second workshop, stakeholders were to identify key objectives and measures for the purpose of the Action Plan for adaptation of areas to climate change. The results of the second workshop were used as a base for drafting the Action Plan. During the third workshop, a working version of the Action Plan was presented, which was amended and corrected in accordance with comments. In addition, it is important to mention that the Preliminary document is complemented with the knowledge gathered at the workshop.

## 9. *Closing remarks on the experience, future implementation and transferability*

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The workshops brought together a large number of local stakeholders from civil, private and public sector. Participants from public institutions, local self-government units, tourism stakeholders, agricultural stakeholder, environmental stakeholders and other sectors gathered at the workshops, which contributed to a large quantity of knowledge collected. The diversity of stakeholders has enabled a high-quality discussion on the key challenges of the area. The results obtained contributed to improving the quality of the preliminary document and the Action Plan for adaptation to climate change. When the Additional Plan for adaptation to climate change becomes a public document, it is important to forward the document to the stakeholders that are important for the implementation of the Action Plan. The inclusion of numerous stakeholders from the Neretva Delta is important for the realization of the objectives defined by the Action Plan.