

ACTIVITY: Workshop2_LA MATA-TORREVIEJA_PILOT LANDSCAPE

DATE and TIME: 23.10.2019, 16:00-19:00

PLACE: Torrevieja (Spain), "Virgen del Carmen" Culture Centre

ORGANIZERS:

- Carmen Gómez / Torrevieja City Council
- Juan Antonio Pujol / Torrevieja City Council
- Francisco Galiana / Universitat Politècnica de València
- Emilio Servera / Universitat Politècnica de València

PARTICIPANTS:

- Carmen Gómez / Ayuntamiento Torrevieja
- Victor M. Costa / Ayuntamiento Orihuela
- Carmen Morate / Ajuntamiento Torrevieja
- Jesús Sánchez / Empresa Mixta Aguas del Arco Mediterráneo, S.A. (AGAMED)
- Angel Gilí / Acciona Servicios Urbanos
- Jesús Hernández / Acciona
- Manuel J. Pérez / Actúa, Servicios y Medio Ambiente
- Delfina Giménez / Criterio Verde
- Pedro D. Garcia / N.C.D. Salinas de Torrevieja

KEY OBJECTIVES of THE ACTIVITY (expected outcomes):

- Discussing the potential role of the AELCLIC Project in the adaptation of the La Mata-Torrevieja landscape to Climate Change.
- Definition of key actions or contents that should be included in a La Mata-Torrevieja Landscape Adaptation Plan to Climate Change (LACAP)
- Identification of main stakeholders and available resources towards the development of a La Mata-Torrevieja LACAP.

AGENDA:

1. Welcome and presentation.
2. Introduction to the AELCLIC project. Workshop 1 results summary.
3. Torrevieja urban planning framework
4. Torrevieja climate change planning framework
5. Objectives and contents of a climate change adaptation plan
- Coffee break*
6. Workshop presentation and organization. Presentation of participants.
7. TEAMWORK
 - a. TASK 1: Identification of the potential role of the AELCLIC Project in the adaptation of the La Mata-Torrevieja landscape to Climate Change.
 - b. TASK 2: Identification of main contents and actions within a La Mata-Torrevieja LACAP.
 - c. TASK 3: Identification of main actors and resources towards the development of a La Mata-Torrevieja LACAP.
8. Acknowledgment and closing remarks.

1. WELCOME

- Welcoming words by Carmen Gómez (Torrevieja City Council)

2. INTRODUCTION TO THE AELCLIC PROJECT. WORKSHOP 1 RESULTS SUMMARY.

- Francisco Galiana (Universitat Politècnica de València) reminds the goals, expected outcomes and structure of the project, as well as the location and reasons for the selection of the La Mata-Torrevieja Pilot Landscape. The updated AELCLIC web page is presented. The main conclusions obtained after the 1st Workshop in the Pilot Landscape are summarized.

CONCLUSIONS:

- The AELCLIC project is reminded as a project with a strong focus on the user needs at each of the 16 selected pilot landscapes
- The main objective of the current project is the definition of a series of strong local networks, in order to co-define the structure and content definition for future Landscape Adaptation Plans to Climate Change (LACAP), which would be developed in a future project
- Every organized activity during Workshop 1 was successfully developed.
- The AELCLIC local network is comprehensive and knowledgeable
- Materials from Workshop 1 were made available to the local network in advance of Workshop2 and are also already available on the AELCLIC web
- Detailed results from each teamwork task developed during Workshop 1 are presented and will be disseminated through the corresponding report and other relevant resources, which will be available on the AELCLIC web. The local network will be notified as soon as the reports are finished, which is taking longer than expected due to the concentration of WP4 workshops and the organization of the International AELCLIC Meeting in Bologna.

3. TORREVIEJA URBAN PLANNING FRAMEWORK

- Victor M. Costa / Ajuntament Orihuela summarizes the current and future urban planning framework in Torrevieja

CONCLUSIONS:

- The current Torrevieja Urban Masterplan dates from 1988 and was revised in 1999. It's already thirty years but shows certain environmental awareness which could be considered ahead of its time
- Several new regulations have been overlapped to the Urban Masterplan, in many cases related to the "Lagunas de La Mata y Torrevieja" Natural Park
- The status of different local planning areas is carefully analyzed in detail
- The future development of a new Urban Masterplan, which is currently in its early stages, is a huge opportunity to link urban development with climate change, which can be done in several ways, i.e. "sponging" the city

4. TORREVIEJA CLIMATE CHANGE PLANNING FRAMEWORK

- Emilio Servera (UPV) presents the main plans and strategies related to climate change that should be taken into account for the development of a La Mata-Torrevieja LACAP.

CONCLUSIONS:

- At the national level, there is a National Adaption to Climate Change Plan, in force since 2006. Several works and reports developed in the frame of this national plan are relevant to the pilot landscape, e.g. in relation to adaptation in the tourism sector, biodiversity or urban environments.
- Some available funding opportunities at a national level for adaptation to climate change are also presented.

- The regional climate change strategy was recently revised and updated. Its structure and main linkages and synergies to the potential LACAP are presented.
- At a regional level, other current plans such as the PATIVEL (Coastal Green Infrastructure Regional Plan) also take climate change into account, and should be considered in the development of a LACAP.
- At the local level, there isn't any approved climate change plan. The Covenant of Mayors initiative as a possible path towards the development of climate change and energy plans at a local level.

5. OBJECTIVES AND CONTENTS OF A CLIMATE CHANGE ADAPTATION PLAN

- Emilio Servera (UPV) summarizes the goals, expected outcomes and structure of a climate change adaptation plan.

CONCLUSIONS:

- The development of a LACAP for the La Mata-Torrevieja pilot landscape should be based on already existing plans and agendas, which have been shown in the previous presentation.
- The definition of adaptation measures to climate change can be developed at different working scales and from different perspectives
- Defining adaptation measures through a plan would allow to improve and monitor their effectiveness and a better integration with existing programs and plans.
- Grey, green and hybrid approaches to climate change adaptation in urban environments are introduced.
- It is possible, and even necessary, to include specific standards regarding climate change mitigation and adaptation in urban planning

6. WORKSHOP PRESENTATION AND ORGANIZATION.

- Francisco Galiana (UPV) presents the workshop structure and work dynamics.

CONCLUSIONS:

- A single working group was established.
- Stakeholders would work individually, but dialogue and debate between the participants was encouraged.
- Each person will write in sticky notes their contributions to each Task. Notes will be later placed on several flipcharts, divided in several pre-defined areas.
- Repetition of sticky notes with the same or similar texts by different stakeholders was allowed since it would be used as an indicator of the relevance of the topic.
- The major opportunities and barriers for the development of climate change adaptation actions, which were identified in Workshop1 and presented during the Workshop 1 Results Summary slideshow, could be considered the framework or basic structure for Tasks 1 and 2 (Identification of the potential role of the AECLIC project in the landscape adaptation to climate change, and the Definition of the potential LACAP contents and actions). Those potential main lines of work were previously written in the flipchart, in order to serve as a reference during those tasks. The main parts of a potential plan (diagnosis, actions, monitoring, etc...) were also written in the flipchart to help to organize the discussion. The part in which every input was allocated is explicitly mentioned in this report.
- Potential key stakeholders could be identified in the Task 3 even if they were not present at the workshop.

7. PRESENTATION OF PARTICIPANTS.

PARTICIPANT	SECTOR	INSTITUTION
Carmen Gómez	LOCAL/REGIONAL AUTHORITY	Ajuntamiento Torrevieja
Victor M. Costa	LOCAL/REGIONAL AUTHORITY	Ajuntament Orihuela
Carmen Morate	LOCAL/REGIONAL AUTHORITY	Ajuntamiento Torrevieja
Jesús Sánchez	PRIVATE SECTOR	Empresa Mixta Aguas del Arco Mediterráneo, S.A. (AGAMED)
Angel Gilí	PRIVATE SECTOR	Acciona Servicios Urbanos
Jesús Hernández	PRIVATE SECTOR	Acciona
Manuel J. Pérez	PRIVATE SECTOR	Actúa, Servicios y Medio Ambiente
Delfina Giménez	PRIVATE SECTOR	Criterio Verde
Pedro D. Garcia	PRIVATE SECTOR	N.C.D. Salinas de Torrevieja

CONCLUSIONS:

- The local network showed a high degree of continuity with the one established by the Torrevieja City Council for the Workshop 1. The only missing stakeholders were the 4 attendants from the private sector who left in the coffee break during Workshop 1.
- The local network added two new representatives. A key private actor (the operating company in the salt mines), which was invited but did not take part in the workshop 1, was present at Workshop 2, in a very interesting addition to the network. The other new attendant was an additional, highest positioned, representative from a company which was already present in the first Workshop. This was also considered a very positive sign, since the representative who attended the first Workshop was also present again, and therefore it is understood that he gave a positive feedback from the session.
- Despite telephone contacts by the Torrevieja City Council and UPV with the "Lagunas de La Mata y Torrevieja" Natural Park director, once again no representative from the protected area attended the workshops. This was considered the key absence in the local network. There were again no representatives from the research sector and societal organizations.
- Remote participation was not promoted based on the limited success of the previous experience in the Huerta Pilot Landscape.

8. TEAMWORK

- **Task 1: How could the AELCLIC Project contribute towards the adaptation of the La Mata-Torrevieja landscape to Climate Change?**
 - Key actors are missing
 - This kind of workshops is important. We need to talk about climate change.

- **Task 2: Which actions should be included in the Landscape Adaption Plan of the Pilot Landscape in order to achieve its intended objectives?**

- **DETAILED ANALYSIS/DIAGNOSIS**

- Analysis of local economic activity
 - Pilot landscape analysis: protected areas, developed areas, green areas
 - Geographic analysis: soils, aspect, groundwater, etc.
 - Search of public spaces for potential green spaces
 - Green walls
 - Green roofs

- **PLAN ACTIONS**

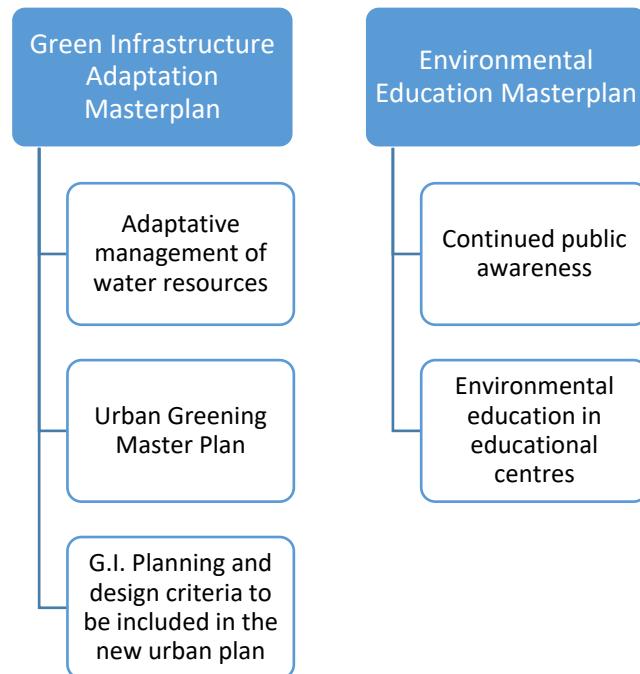
- New urban masterplan to free some soil
 - Urban height growth
 - Finding solutions for waterfront buildings
 - Net-Zero Energy Buildings
 - Promote less polluting transport methods
 - Promote no pollution mobility (streets adjustment)
 - Increase in green areas or finding sustainable alternatives
 - Storm water plan (urban – natural park)
 - Irrigation with reused water
 - Use of rainwater
 - Use of water storage systems
 - Stop sea level rise in beaches and waterfront

- **RESULTS COMMUNICATION AND DISSEMINATION**

- Frequent public awareness campaigns
 - The Lagoon, public awareness and knowledge
 - Environmental education in education centres
 - Environmental education
 - Environmental education workshops
 - Awareness on greenhouse gases
 - Authorities awareness regarding climate change

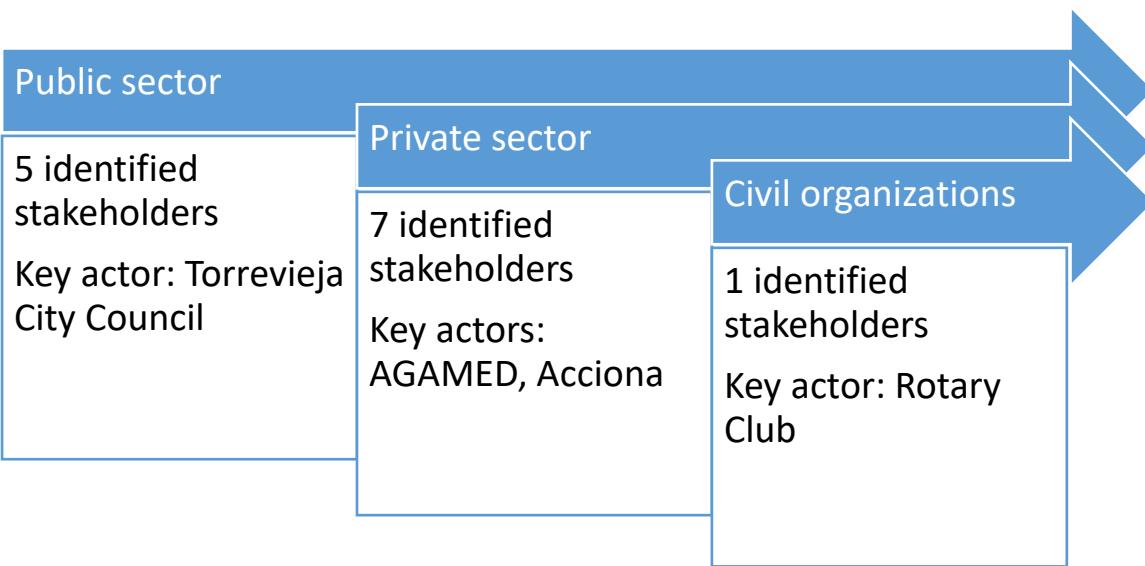
- **MONITORING AND ASSESSMENT**

- Quick implementation of the selected measures



- **Task 3: Evaluation of potential levels of stakeholder involvement**

- PUBLIC SECTOR
 - Patrimonio Nacional (public organisation responsible for formerly Crown-owned goods and property. They are the owners of the La Mata and Torrevieja Lagoons)
 - Natural Parks Area. Regional Government
 - Regional Environmental Department
 - AGAMED. Aguas del Arco Mediterráneo (Public-private partnership)
 - City Council of Torrevieja
 - Provincial Council of Alicante
- PRIVATE SECTOR
 - ACCIONA
 - Actúa, Servicios y Medio Ambiente
 - Salins Group (Torrevieja Salt Mines operating group)
 - Criterio Verde Torrevieja (Projec design, green areas, environmental education)
 - Irrigation Association “Torre Miguel”
 - MERCADONA
 - CARREFOUR
- CIVIL ORGANIZATIONS
 - Rotary Club Torrevieja



9. ACKNOWLEDGMENT AND CLOSING REMARKS

- Francisco Galiana (UPV) thanks the participants for their contributions and summarizes the workshop results.

CONCLUSIONS:

- The local network will be notified when the workshops reports are available on the AELCLIC webpage
- Some new participants in the workshop authorized adding their organizations to the already existing local network in the AELCLIC webpage.

SUMMARY:

- Key CONCLUSIONS, Key DECISIONS and NEXT ACTIONS (By Whom and When):

- The local network in La Mata-Torrevieja was increased with one of the previously detected missing key representatives from the private sector (the operating company in the salt mines), and another representative from one of the private companies which was already present. The contacts to involve any representative from the Natural Park were not successful. Teamwork took place again in a very pleasant environment and the attendants showed their interest in the project once more. / **ACTIONS:** Universitat Politècnica de València will send a letter of appreciation to all guests including the links to download the reports and materials presented in both workshops.
- The Torrevieja City Council played again a key role in the organization of the Workshop by repeating the invitation to the main local stakeholders. The Workshop took place in the same well-suited local facilities, and the Council once more organized and sponsored the catering service for the coffee break. / **ACTIONS:** UPV thanked Torrevieja City Council for their essential role in the development of the activities in the pilot landscape.
- It was agreed with the local network to move Task 1 (identification of ways in which the AELCLIC Project could contribute to the adaptation of the La Mata-Torrevieja landscape to climate change) to the end of the teamwork part of the session. It was finally reformulated as an open discussion (not using post-its) regarding the AECLIC experience as well as a moment for suggestions and criticism to the project. The stakeholders considered the AECLIC project as dynamic and participatory. The experience of simultaneously sharing the points of view of many different relevant stakeholders was also positively highlighted. The need for awareness raising and environmental education was emphasized. It was also discussed the potential ways in which a project like this one could be promoted. The attendants agreed that climate change is already happening, and that action must start in the short term or the Natural Park will disappear / **ACTIONS:** All the information provided could be taken into account in any potential funding application aimed at developing the LACAP in a future project.
- The main contents to consider in a potential Landscape Adaptation to Climate Change Plan in La Mata-Torrevieja were identified. Two main components were identified: a green infrastructure adaptation masterplan, and an environmental education masterplan. Some contents that should be developed included, for instance, an urban greening master plan, or some green infrastructure planning and design criteria which could be included in the new urban plan / **ACTIONS:** All the information provided could be taken into account in any potential funding application aimed at developing the LACAP in a future project. They could also be directly included in the design of the new urban plan.
- The identification of the main actors who could take part in the development of a LACAP or support any potential funding application was also successful. 13 stakeholders were identified within the specific activity developed / **ACTIONS:** Any potential partnership interested in developing the La Mata-Torrevieja LACAP in the future or any other kind of climate change adaptation plan in the area would be able to benefit from the evaluation of potential levels of stakeholder involvement.
- The new stakeholder confirmed their interest in being included in the AELCLIC web as part of the already existing La Mata-Torrevieja Local Network. / **ACTIONS:**

Universitat Politècnica de València will provide the AELCLIC web administrator with their contact details in order to update the local network structure in the AELCLIC web.

- Another press release was prepared by the Torrevieja City Council before the workshop and uploaded into their web page (<http://www.torrevieja.es/sal/noticias/2019/10/Segundo%20taller%20estudio%20frente%20costero/index.aspx>). Some media distributed the news (e.g. https://www.elperiodic.com/torrevieja/esta-tarde-celebra-segundo-taller-para-estudio-frente-costero-torrevieja-como-paisaje-piloto-representativo-suroeste-europa_646055) and a local TV recorded a brief section of the workshop and showed it during a short report in the evening news (<https://www.torreviejaip.tv/politica/2019102326599/taller-para-el-estudio-del-frente-costero-de-torrevieja.html>). There was also presence in the workshop by another local web magazine, which took a small photographic report (<https://objetivotorrevieja.wordpress.com/2019/10/24/el-frente-costero-de-torrevieja-paisaje-piloto-representativo-del-suroeste-de-europa/>) / **ACTIONS:** Universitat Politècnica de València will circulate the press release, articles and media coverage, and include it in further reports regarding the societal impact of the project.
- The Bologna International AELCLIC Meeting took place after the La Mata – Torrevieja Workshop 2. The Torrevieja Local Council was identified as the key, leading member of the local network, and invited to represent it in the Bologna Meeting. Universitat Politècnica de Valencia / Las Naves would sponsor the travel expenses, at least partially. Finally, it was decided that Victor M. Costa, former municipal architect, would attend the meeting, where he made a brilliant presentation. / **ACTIONS:** The La Mata - Torrevieja pilot landscape was introduced to the representatives from other local networks from around Europe and took part in the further teamwork developed in the meeting. Víctor M. Costa was thanked for his outstanding work and interest and received a draft version of the International Meeting Report, allowing him to make any comments or suggestions if appropriate. He and the Torrevieja City Council will also be informed of any future news and be considered key actors regarding potential funding applications to develop the La Mata-Torrevieja LACAP.

DIAGNOSIS:

- **Level of Achievement of the expected outcomes (from 1 (min) to 5 (maximum)):**
 - o OUTCOME 1 (Identification of the potential role of the AELCLIC Project in the adaptation of the La Mata-Torrevieja landscape to Climate Change). LEVEL OF ACHIEVEMENT: 3
 - o OUTCOME 2 (Definition of main contents and actions to be included in a potential La Mata-Torrevieja LACAP). LEVEL OF ACHIEVEMENT: 4
 - o OUTCOME 3 (Evaluation of potential levels of stakeholder involvement for the development of a La Mata-Torrevieja LACAP). LEVEL OF ACHIEVEMENT: 4
- **Main Shortcomings or barriers for the full achievement of the expected outcomes:**
 - o Despite telephone contacts by the Torrevieja City Council and UPV with the "Lagunas de La Mata y Torrevieja" Natural Park director, once again no representative from the protected area attended the workshop
 - o The Task 1 from the teamwork was re-scheduled and re-designed. However, it was also interesting to see the way it finally unfolded and the provided results.
- **Main Reasons for the successful achievement of the expected outcomes:**
 - o Deep involvement by the Torrevieja City Council in organizing the workshop.
 - o Attendance from a new key stakeholder, e.g. representative from the operating company in the salt mines.
 - o Highly participative stakeholders with deep knowledge of the local landscape and genuinely interested in the project. High degree of continuity with the local network established by the Torrevieja City Council for the Workshop 1, and very interesting additions.
 - o Clear definition of the expected outcomes
 - o Good time planning
 - o Very useful reference materials from other AELCLIC workshops
 - o Adequate workshop location and preparation of materials
 - o Very good public dissemination of results, including TV and other local media.
- **Learnt lessons and recommendations for similar activities in other places:**
 - o Keeping the workshop length at 3 hours is considered the best option for this kind of workshop.
 - o Keeping a high degree of continuity from a workshop to the other increases the success of the activities. The local network was highly motivated after workshop 1, and kept their interest and positive mindset during workshop 2. Most of them were already familiar with the project and methodologies, and having attended the previous workshop avoided addressing again issues which were discussed in Workshop 1.
- **Learnt lessons and recommendations for future activities in the same place:**
 - o See previous section.
- **Level of influence of the local characteristics (social, geographical, etc) in the development of the activity:**
 - o High. As mentioned in the Workshop 1 report, the stakeholders were knowledgeable about the municipality details, and therefore the discussion took place in both workshops from a very local perspective.

ECONOMIC REPORT:

TYPE OF COST	COST (€)
Travel & Accommodation Costs for the partner(s) members	159,16
Goods, materials and external services	
Sub-granting (e.g. Travel & Accommodation costs for Third Parties or collaborators)	-
TOTAL	159,16