

# Newsletter | n.2

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**LIFE CLINOMICS**   
LIFE15 CCA/ES/000102  
*"This project has been funded with support from the European Commission"*

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## Summary

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## Editorial

LifeClinomics has arrived at the half-way mark. The final milestones have been the intermediate report and the climate change adaptation strategy, and we are now reaching a critical phase where all the information gathered in the MeTACC studies, reports and debates needs to be brought together in realistic proposals that can be implemented in each region.

The creation and approval of the strategy has been an important point in the project, as it proposes a framework of action from which the action plans and the pilot actions of the three regions will need to emerge. The climate change adaptation actions also need to act as opportunities for local development and challenges to achieve a more dynamic, efficient and resilient local economy.

The discursive process of the MeTACC will also have the effect of establishing and/or strengthening relations and synergies between those sectors and organizations that previously had a low level of interrelation.

With respect to the strategy and above all, the MeTACC's own process, systems of governance will need to emerge that allow live action programmes to be maintained, while improving training for adaptation and increasing the resilience of the three project sectors, as well as other sectors that are significant at a local level.

In general terms, the fight against climate change, in the cases of both adaptation and mitigation, must help us to not only limit the effects of climate change, but to build a more efficient, fairer and more inclusive society, one that begins with the local world, in order to achieve global goals.

If you are interested in participating in the MeTACC, contact us at [life.clinomics@diba.cat](mailto:life.clinomics@diba.cat), and to stay up to date with the project, visit the website: <http://lifeclinomics.eu/ca/presentacio/>

### The training activities that have been carried out to date are the following:

- Course on Climate Change Adaptation Management in the woods of the Penedès (21 and 22 March).
- Course on Agro-forestry Systems in the Montseny (18 and 19 April).
- Course on Climate Change Adaptation Management in the woods of the Terres de l'Ebre (8 and 9 May).
- Course on Good Practices for Sustainable Tourism in the Penedès (14 and 15 May).
- Course on Climate Change Adaptation Management in the woods of the Montseny (2 July).
- Course on Good Practices for Sustainable Tourism in the Penedès (5 July).
- Course on Adapting the Wine Industry to the Effects of Climate Change: recent advances (19 July) in the Penedès.
- Course on Agro-forestry Systems in the Terres de l'Ebre (19 July).
- Climate Change: the Great Challenge to the Agricultural Sector, in the Terres de l'Ebre (31 July).



Course on Agro-forestry Systems in the Montseny. Theoretical session

## Sectoral training courses



Course on Agro-forestry Systems in the Montseny. Visit.

The Life Clinomics project aims, among other things, to offer technical and methodological resources to the different economic sectors involved in the project so that they can adapt their activities to the impact of climate change. The training activities will allow farmers, forest owners, fishermen, businessmen and administrative organisations to possess a greater knowledge of the effects of climate change that may affect their economic activities and to improve their assessment of the risks and impacts anticipated in the undertaking of their activities.

The design, format and content of the training activities have been developed from the support offered by the project's governance structures.

The training programme involves courses that coincide with the Clinomics sectors is divided into a theoretical part and a practical part, with a visit that helps to illustrate the theoretical content.

The project also involves a forum on the Clinomics website that is accessible to the public in which debates on each course can be held.

The training programme is divided into two periods; one, which began this March and which ended in July and another that will be beginning in October and which will end in March 2019.

## Alt Penedès joint MeTACC

On Thursday, 15 March 2018, the first joint meeting of the regional working groups of the Montseny, the Alt Penedès and the Terres de l'Ebre was held in at Caves Vilarnau (Sant Sadurní d'Anoia).

The session lasted some 6 hours; Caves Vilarnau presented his business strategy for tackling climate change, and the results of the MeTACC for the three territories were presented, a presentation of the LifeClinomics project adaptation strategy was presented and the final event was a workshop to reach consensus on this strategy and to propose actions.

**The workshop was organized in 4 rotating discussion groups based on the following themes:**

**1) The functions of the future MeTACC:** it was stated that a change of model is necessary with respect to future MeTACCs. It was held that those existing too diverse and do not always bring together the same agents. The functions initially proposed were confirmed, however new ones were also added, such as the coordination for undertaking the different actions or the role of mediation, allowing intervening in the resolution of any conflicts.

**2) Future MeTACC preparation:** the creation of a driving group that is to meet systematically was proposed. This group would be responsible for opening up the debate to both the sectors and to the public.

**3) The plan of action:** it is evident that in the work sectors of LifeClinomics a cross-sector area needs to be taken into account; the social sector. In terms of environmental vectors, it was noted that all those detailed in the Catalan Strategy for Adaptation to Climate Change are being worked on, however the priority vectors identified in each region are those on which focus is being placed.

**4) The involvement of the economic sector:** it was noted that the involvement of economic agents is seen in a highly different manner with respect to the type of agent or sector, i.e. companies in the wine producing sector versus the owners of forestry businesses. In terms of financial organisations, the criteria of the ethical banking system were evaluated.



Discussion tables joint MeTACC on March 15, 2018. Sant Sadurní d'Anoia



Presentation joint MeTACC on March 15, 2018. Caves Vilarnau

## Strategy for adaptation to climate change of the Life Clinomics

The Life Clinomics project has been developed with an integrated, participatory and transparent approach with the aim of increasing the resilience of the regions and economic activities and sectors of activity with respect to the impacts of climate change. Proposals have also been made to attain the commitment of institutions in order to launch those public actions relevant.

To this end Clinomics follows a roadmap that will entail the application of regional and sectoral action plans, which are built using the joint work of project partners, a group of experts on climate change and the economic and social agents from each of the territories.

Based on the vulnerability and social studies undertaken in each region, an initial knowledge of the main risks with respect to climate change effects has been obtained, as well as the organizational capacity of the economic and social fabric in the region concerned to act against these risks.

The next step has been the creation of the MeTACC (Territorial Groups for Adaptation to Climate Change) in each region so as to offer a space for meeting, coming together, debate, sharing and the creation of action plans by local social and economic agents.

A broad-based social commitment in favour of

### THE MOST SIGNIFICANT RISKS

- Reduction in the availability of water (due to an increase in evapotranspiration and a greater recurrence of droughts)
- Increased risk of forest fires
- Loss of landscape quality
- Loss of biodiversity
- Changes in the distribution of crop-growing areas (changes in crop types)
- Reduction of flow volumes in rivers and streams and longer duration of dry spells
- Morphological changes on the coast (especially in the Ebro Delta)

adapting to climate change has emerged from the debate, and this comprises those actors involved in the project. This commitment is centred on the creation and approval of local strategy.

### The strategy is structured into four main blocks:

- A. Knowledge of the main risks; How do we prepare ourselves to be less vulnerable? (*Context and analysis*).
- B. Organisation for managing adaptation (*governance*).
- C. Necessary support for public or private projects, participation in the undertaking of actions (*the planning and involvement of regional agents*).
- D. The transmission of knowledge, information and resources for action (*skills-training assimilation*).



Alt Penedès workgroup

### A.

This first block includes the result of the most significant risk analysis and the degree of vulnerability attained in the three territories and sectors involved in Clinomics. It also highlights those opportunities/strengths and those threats/weaknesses that will be necessary to consider when proposing action plans for adaptation to climate change.

### B.

The second block proposes the organisation of social participation in the action and in adapting to climate change and its incorporation in areas of decision-making and debate.

The MeTACC are created during the development of the project; these are the spaces where the different agents meet and where lines of work, priorities and needs are proposed. After the project, their development into other stable structures, such as observatories, will be proposed, in order to ensure sustainability without European co-financing. The continuity of network cooperation by project partners and others that may be added will be the institutional means of support that facilitates this.



Terres de l'Ebre workgroup



Montseny workgroup

### C.

The third block involves an executive approach on how to move on from plans and enter into action. It opens the way with the definition of the action plans and the implementation of two demonstrative pilot actions that are co-financed by the project and it underpins the continuity with the construction of the relationships between the investors and those agents that have to facilitate investments, entrepreneurs, unions, as well as financial and public institutions.

### D.

The fourth block is concerned with the training of the agents who are already taking part in the project so that they can continue after Clinomics and transfer their resources and their methodology of action to Mediterranean areas in order to extend adaptation to climate change and ensure that it becomes a factor in terms of both competitiveness and regional cooperation.