#### **Webinar on Livestock Production**

The 5th session of the webinar series of the CLICHA project took place at 30/06/2021 through the ZOOM platform and was broadcasted via the Facebook page of the project. The presented subject was "Climate change and Livestock Production".

The subject was covered by two distinguished speakers; Ass. Professor George Laliotis, from the Department of Animal Science of the Agricultural University of Athens, and Ass. Researcher George Symeon, from the Research Institute of Animal Science of ELGO-DEMETER. The webinar was moderated by the Project Manager of CLICHA, Faye Plakantonaki.

Dr. Laliotis discussed the topic of Livestock production towards climate change, giving insights towards the challenges that the livestock sector is about to face and the appropriate mitigation measures. Dr. Symeon focused on the effects of climate change on Poultry Production, one of the most dynamic sectors of livestock production in the world.

### Final Conference of the project

The final conference of the project was held on 6 & 7 October 2021 in the Higher Agronomic Institute of Chott Mariem (University of Sousse), in Tunisia. An overview of the courses delivered in Tunisian Higher Education Institutions was presented as well as interesting debates about climate change. This closing ceremony was an opportunity to bring together the major actors in education (academics and students) so as to exchange their knowledge and experiences in this field.

The event was opened by the Ceremony Chairman Prof. Rajouene Majdoub while welcome speeches were addressed by the Rector of the University of Sousse, the Head of Cabinet, Ministry of higher education and Scientific Research, the Rector of the University of Jendouba, the Rector of the University of Carthage as well as the President of IRESA.



"CLImate CHange in Agriculture is designed to modernize, improve accessibility and internationalization of higher education in the Tunisia considering all necessary skills for sustainable agriculture, respectful of the environment and climate change resilience."





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# **Erasmus+ Programme**

Erasmus+ is the European Union's program for education, training, youth and sport for the period 2014-2020. It offers many opportunities for students, teachers, staff and higher education institutions (HEIs) around the world.

### **Newsletter Topics**

Webinar on Livestock Production Final Conference of the Project

Project end

The Project and its results were presented by Prof. losif Bizelis, the coordinator of the project as well as Dr. Fatma Trabelsi (National coordinator, Tunisia), Prof. Paolo Barge (University of Turin coordinator, Italy), Dr. Elita Aplocina (Latvia University of Life Sciences and Technologies coordinator), Dr. Oussama Rhouma (CACC coordinator) & Ing. Anis Bouselmi (INGC coordinator).



The first and second sessions of the conference was about the "Climate change, water resources and uses" discussing issues like the effects of climate change on surface and ground water resources as well as the drinking water supply and public health. Moreover, other issues discussed were crop water requirements, soil and drainage as well as the use of non-conventional water resources under climate change conditions. Five very interesting presentations were performed, followed by a round table discussion on the above issues. The first day of the conference closed with the 3rd session that discussed "Climate change and plant protection" and a presentation about the pests and climate change.

The second day of the conference began with a presentation about the "Vulnerability and on-farm level adaptation of production systems to climate change in Tunisia: Challenges and implications for food security" followed by a presentation about the "Approaches on estimation of greenhouse gas emissions on Livestock Production".

The day continued with 3 sessions on important issues concerning the whole spectrum of agriculture. The relevant issues were "Climate change: economic and institutional prospects", "Climate change and animal sciences" and "Climate change and agroindustry". The event was successfully closed with a round table discussing a variety of opinions around climate change and agriculture.

THE FINAL CONFERENCE OF THE PROJECT TOOK PLACE ON THE  $6^{TH}$  &  $7^{TH}$  OF OCTOBER 2021 IN THE HIGHER AGRONOMIC INSTITUTE OF CHOTT MARIEM, IN TUNISIA.

## **End of the Project**

The 14th of October 2021 is a very important date for the CLICHA consortium since it marks the end of the project. A project that tried to update the existing knowledge of the Tunisian HEIs on the issues of climate change and agriculture, by transferring the know how from 3 European Partners, Greece, Italy and Latvia.

The CLICHA project has been a 4-year journey that had serious impact on all the partners in a scientific, academic and personal level.

Scientifically, the partners had the opportunity to study deeply the effects of climate change on several sectors of agriculture. The combination of colleagues from different parts of the same field created a chain of knowledge that made it possible to understand, study and produce opinions on the current and future effects of climate change on agriculture as well as the necessary actions and mitigation measures that must be taken in order to minimize the upcoming dangers.

Academically, the connections created between the European and Tunisian HEIs gave new insights to all the participants and brought together different teaching cultures and methods. The creation of the e-platform and the production of more than 35 courses available online was the major outcome of the project, and a legacy that can be exploited by the Tunisian HEIs and the general public for the years to come.

Finally, in a personal level, this project came to strengthen the already present bonds between colleagues from a different origin but with the same goals: To broaden the scientific knowledge and to be able to pass it successfully to the young scientists so that they can face the future challenges with success.

The CLICHA projects ends on the 14th of October 2021, after a successful implementation period of 4 years

For the CLICHA consortium a nice journey comes to an end, and a new one is beginning: The exploitation of the work that has already been done and the discovery of future opportunities that could bring back the whole team in the same table. Until then...