**Smart farming: new technologies for sustainable crops**

**Workforce development on Smart Farming: new technologies for sustainable crops in Chania, Crete**

**By the Agricultural University of Athens within the framework of the project ‘New Agriculture for a New Generation’**

**Area of action, cycle training**

**Chania (Sept - October ’20). There will be two training workshops, the first of which concerns greenhouse and hydroponics crops and the second concerns precision farming technologies.**

**The training program is designed and implemented by the Agricultural University of Athens, under the scientific guidance of a host of experienced university professors headed by Thomas Bartzanas & Spyros Fountas associate professors, with many years of extensive experience in Greenhouses and Smart Farming Technologies.**

**The training program titled “New technologies for Sustainable Farming”, offers training in greenhouse and hydroponics systems, controlled environment agriculture, precision farming, application of smart farming techniques and technologies.**

**The training program has a duration of 80 hours, of which 40 hours are allocated to theory and 40 hours are allocated to practical training in the field and relative experimental facilities (i.e greenhouses).**

**A Certificate of Attendance is provided at the end of the program.**

**Objective of the Program**

**The objective of the program is to give young generation (including farmers) the opportunity to acquire or improve/update already available knowledge and skills in new smart farming technologies that can be applied in the primary agricultural production and lead to a more sustainable use of external inputs, thus leading to a smart crop production with reduced environmental footprint using hi-tech and smart technologies. The program will focus on controlled environment crop production (greenhouse and hydroponics systems) and to precision agriculture techniques and technologies.**

**At the same time, it aims to strengthen the presence of Greek agricultural products both in the domestic and international markets.**

**Who it is for**

**Unemployed young individuals without experience in greenhouses and smart farming technologies, who have graduated from high school or hold a higher-education degree.**

**Young farmers who own agricultural land / greenhouses and suitable machinery in order to apply farming practices.**

**Underemployed young individuals working in family businesses in the field of greenhouses and crop production.**

**Young farmers working in small and medium-sized enterprises in the field of greenhouses and smart farming crop production, who wish to develop agrotourism services and products.**

**Recruitment until 1st September 2020**

[apply now](https://www.generationag.org/eyfyhs-georgia-nees-texnologies-gia-biosimes-kalliergeies)**..**

**The "New Agriculture for a New Generation" program is an initiative that aims to create career opportunities and entrepreneurship for youth in the Agrifood sector in Greece.**

**Rutgers University is leading this innovative multiyear program, in partnership with the Agricultural University of Athens and the American Farm School.**

**The program is implemented through an exclusive grant from the Stavros Niarchos foundation.**

**Further information**

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