



FarmBox

The FarmBox Partnership

Coordinator:

Università degli Studi di Padova (IT)

Partners:

Istituto Oikos (IT)

Uptearth GmbH (DE)

Chamber of Agriculture of the Republic of Lithuania (LT)

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Key Data of FarmBox

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FarmBox

**The farmer's toolbox
for climate change
mitigation**



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What is FarmBox?

FarmBox is an Erasmus+ project aimed at developing Climate Smart Agriculture (CSA) skills for students and farmers, generating awareness about challenges of climate change, enabling free access to practical knowledge in order to invest in and update agricultural practices.

Why FarmBox?

Around 22.2 million people work regularly in agriculture, but the farming sector needs to attract a new generation of farmers with the necessary skills to live and work in a challenging context. They will have to produce more efficiently while protecting the environment; contribute to the fight against climate change; meet society's demands regarding healthy and balanced diets; and keep up with increasingly rapid scientific and technological progress. It is therefore essential that future farmers benefit from adequate agricultural education and training and acquire the various skills needed to adapt to a changing environment.

What are the expected results?

The project aims to develop:

- a MOOC about climate smart agriculture to provide key information about CSA and to present learners some useful practices in order to improve land management in terms of biodiversity principles and climate change adaptation needs;
- an online Simulator that will allow learners, small farmers and farmholders to simulate in a virtual environment the benefits on a given area of the implementation of CSA measures presented in the MOOC.

Who will benefit from FarmBox?

The MOOC and the Simulator are addressing mainly future farmers, students, expert farmers, farmers' associations and organisations that are interested to acquire CSA-related skills or to upskill their farming competences and to test them into a virtual environment.