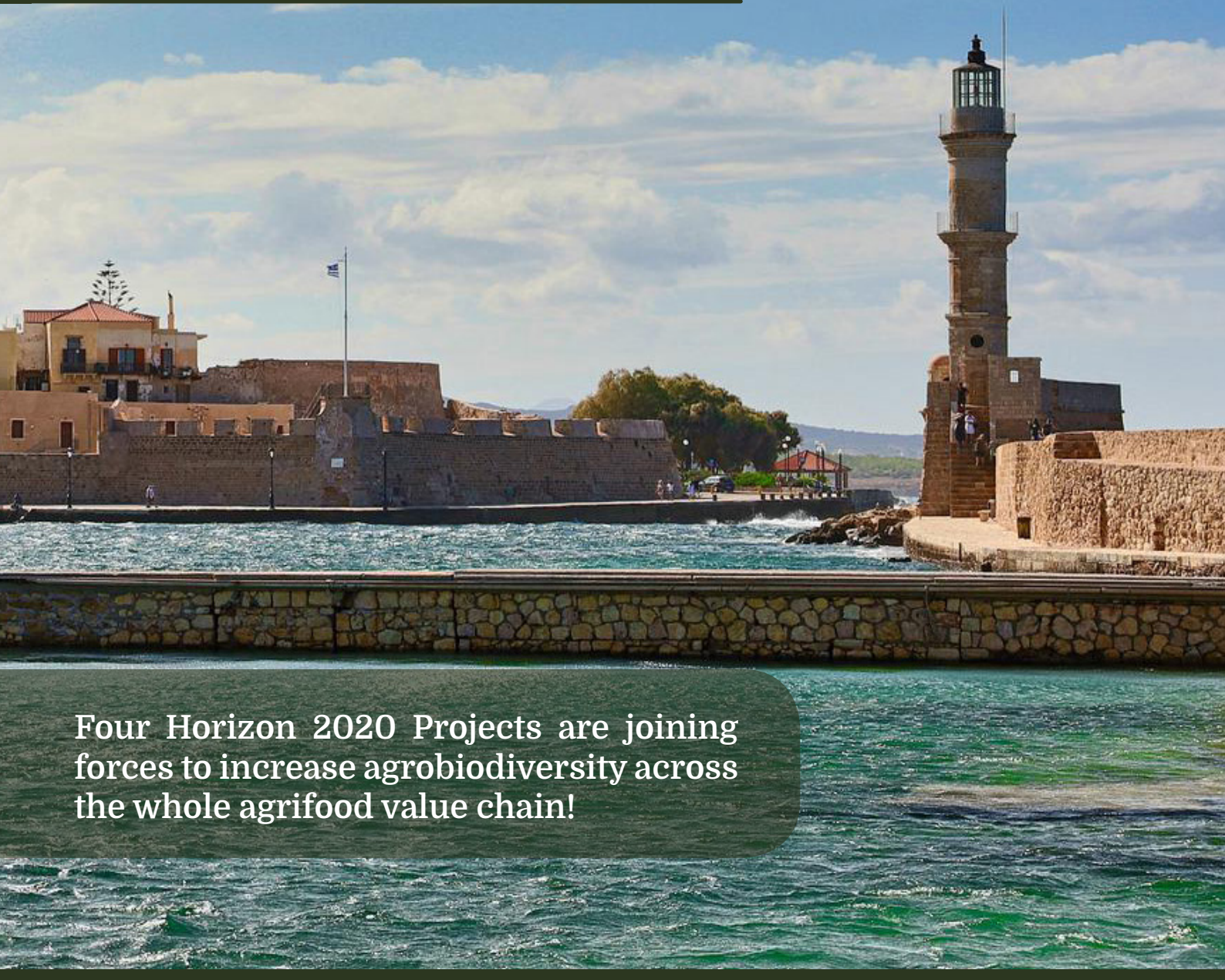
BioValue

FORK-TO-FARM AGENT-BASED SIMULATION TOOL AUGMENTING BIODIVERSITY IN THE AGRI-FOOD VALUE CHAIN

2nd Press Release
Launch of our Cluster

Chania, Greece



Four Horizon 2020 Projects are joining forces to increase agrobiodiversity across the whole agrifood value chain!

This project has received funding from the European Union's Horizon 2020 research and innovation programme under the grant agreement number 101000499.

AXIA INNOVATION

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In 2019, the European Commission opened a call (H2020-SFS-2018-2020) for research initiatives aiming to showcase the benefits of agro-biodiversity at various levels and develop solutions to embed these benefits more effectively into farming practices and policy measures.

BIOVALUE, RADIANT, CROPDIVA and DIVINFOOD are four projects that embraced this challenge

BIOVALUE will develop an agent-based agri-food value chain modelling and analysis tool which will help to introduce, model, evaluate, produce, and spread underutilized, genetically diverse crops and their final marketable products into the agri-food value chain. The final outcomes of the project are novel food dishes which incorporate underutilized, genetically diverse crops paving the way for market introduction and thus enter agricultural production.

RADIANT aims at promoting crop diversification, environmental and agrobiodiversity preservation, and fair economic development through the valorization of underutilised crops. The main goals are to release the full value of underutilised and genetically diverse crops, to support EU strategies for sustainable agrifood chains and to foster synergies between agricultural production, biodiversity and the delivery of ecosystem services of local, regional and global relevance.

CROPDIVA will reinforce agrobiodiversity at different levels and along distinct geographic and socio-economic areas. The final outcomes will provide innovative solutions along the entire food and non-food chain to enable biodiversity management at all levels, including diversifying the use of genetic resources, crop production systems, new food/non-food products and market opportunities, while satisfying producer and consumer requirements.

DIVINFOOD aims to boost the value of neglected and underutilized crops by focusing on healthy plant-based food products with a local/regional identity. The researchers will study minor cereals and legumes in three geographical regions that face various climatic hazards. Ultimately, the project will pave the way for breeding more performant cultivars of cereals and legumes with local adaptation.

On the 13th of September we had the opportunity to meet each other in person and share valuable information and knowledge while also to explore potential common activities and complementarities.

We are excited to officially launch our cluster and for the upcoming period where we will intensify our contacts and support each other on the different tasks foreseen!

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