

**THE PROJECT IN NUMBERS** Five years, EU funding of EUR 6 million, 13 partners, 8 work packages and 3 continents.

Plant and Food Biosecurity (PLANTFOODSEC) focuses on biological threats that have the capacity to affect and damage agriculture, infect plants, and ultimately affect food and feed at any stage in the supply chain. The goal of the five-year project is to create a virtual research network in order to improve the quality and impact of training and research in relation to crop and food biosecurity in Europe, enhancing preparedness to prevent, respond to and recover from the possible use of plant pathogens against crops in the European agro-food system.

## PLANT AND FOOD BIOSECURITY

# NETWORK OF EXCELLENCE



plantfoodsec.eu

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After five years, PLANTFOODSEC achievements include the identification and regulatory analysis of biosecurity challenges; experimental and modelling approaches applied in plant disease epidemiology; advanced molecular diagnostics; and, more generally, training, dissemination and networking activities to increase awareness of plant biosecurity and food safety. In addition, PLANTFOODSEC developed a comprehensive set of tools for end-users:



TARGET CROPS AND TARGET PATHOGENS



TOOL FOR THE PRIORITISATION OF TARGET HUMAN PATHOGENS ON PLANTS



ANALYTICAL METHODS FOR THE IDENTIFICATION OF MICROBIAL OR TOXIN CONTAMINATION



DECISION TOOL TO DETERMINE WHETHER A FOODBORNE ILLNESS WAS INTRODUCED INTENTIONALLY



FORENSICALLY VALID MICROBIAL STRAIN DISCRIMINATION TECHNOLOGY FOR A FOODBORNE PATHOGEN (*E. COLI* STEC)



RISK ASSESSMENT TOOL



THE PLANTFOODSEC WEB-BASED VIRTUAL DIAGNOSTIC NETWORK



MANAGEMENT PROGRAMMES AGAINST VARIOUS OUTBREAK SCENARIOS



THE VIRTUAL CENTRE OF COMPETENCE ON PLANT AND FOOD BIOSECURITY

