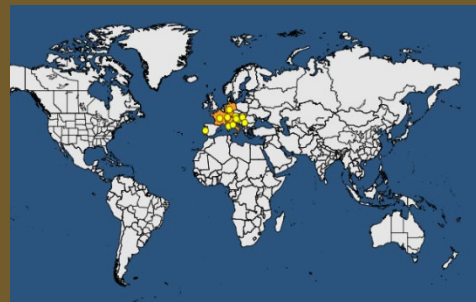


Development of efficient methods and identification of barcodes for discriminating Grapevine *flavescence dorée sensu-stricto* from other related phytoplasmas (FLADO-VIGILANT)



Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 188 000

Research consortium

NIB (SI), ANSES (FR), INRAE (FR), JKI (DE), CREA (IT), INIAV (PT), APHIS (US), DLR (DE), UNICT (IT), UNIMI (IT)

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Goals

The overall goal of this project is to better understand the 16SrV phytoplasma group epidemics and to re-evaluate the disease control strategies

Objectives

The objectives of the project are:

- to evaluate the possibility to develop a reliable test to distinguish between GFD phytoplasma *sensu stricto* and other 16SrV phytoplasmas. In the framework of this project, DNA and/or sequences of several grapevine isolates of 16SrV phytoplasma group will be collected and different grapevine phytoplasmas from the group 16SrV will be studied in depth. Collected DNA and/or sequences will be used for the development/ evaluation of molecular tests, which will be further validated
- to determine the occurrence and geographic distribution of hazelnut trees infected with GFD-related isolates. Isolates and sequences of GFD-related phytoplasmas infecting hazelnuts in different countries will be collected and compared with those found on grapevines. Additionally, evaluation of the potential vectors of this hazelnut phytoplasma isolates will be studied with the aim to define the epidemiological routes