



State of play of Horizon 2020 research projects on *Xylella fastidiosa*

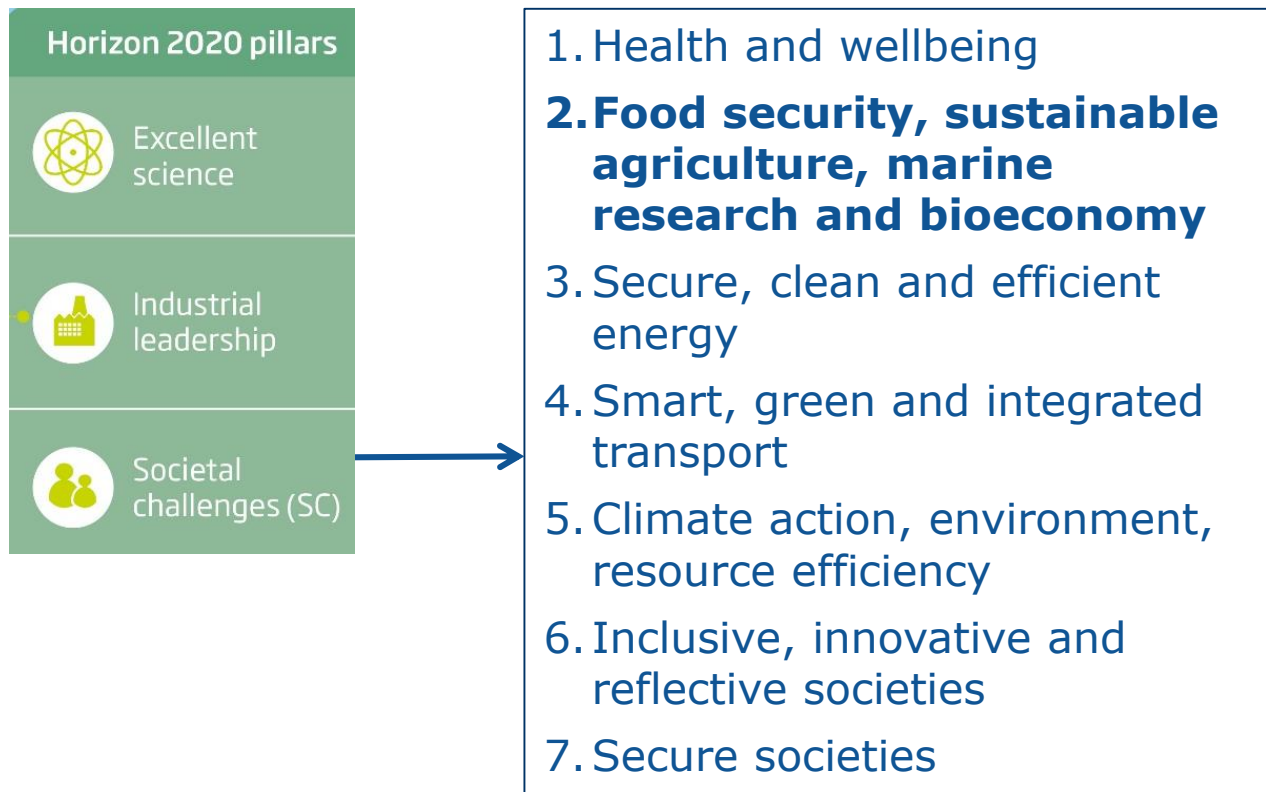
Civil Dialogue Group Horticulture, Olives & Spirits

13th November 2020

DG AGRI B2



- Research and Innovation funding programme
- €80 billion - 2014-2020



H2020

Work programme 2014-2015

SFS-03a-2014: Native and alien pests in agriculture and forestry

Pest Organisms Threatening Europe

Xylella fastidiosa was one of the three targets of this project

Links:

<https://www.ponteproject.eu>

<https://cordis.europa.eu/project/id/635646>



Project Information

POnTE

Grant agreement ID: 635646

[Project website](#)

Start date

1 November 2015

End date

31 October 2019

Funded under
H2020-EU.3.2.

Overall budget
€ 6 919 796,50

EU contribution
€ 6 850 000

Coordinated by
CONSIGLIO NAZIONALE DELLE RICERCHE

 Italy



OPEN ACCESS

A BIOLOGICAL CONTROL MODEL TO MANAGE THE VECTOR AND THE INFECTION OF XYLELLA FASTIDIOSA ON OLIVE TREES

PLOS ONE | 15(4), e0232363 | doi: 10.1371/journal.pone.0232363

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XYLELLA FASTIDIOSA AND
HEMIPTERAN VECTOR SPECIES



CANDIDATUS LIBERIBACTER
SOLANACEARUM AND PSYLLID
VECTOR SPECIES



HYMENOSCYPHUS FRAXINEUS AND
NEW EXOTIC PHYTOPHTHORA
SPECIES

H2020

Work programme 2016-2017

SFS-09-2016: Spotlight on critical outbreak of pests: the case of *Xylella fastidiosa*

Xylella Fastidiosa Active Containment Through a multidisciplinary-Oriented Research Strategy

Links:

<https://www.xfactorsproject.eu>

<https://cordis.europa.eu/project/id/727987>



Xylella Fastidiosa Active Containment Through a multidisciplinary-Oriented Research Strategy

Project Information

XF-ACTORS

Grant agreement ID: 727987

Project website [🔗](#)

Status

Closed project

Start date

1 November 2016

End date

31 October 2020

Funded under
H2020-EU.3.2.1.1.

Overall budget
€ 6 964 125

EU contribution
€ 6 903 000

Coordinated by
CONSIGLIO NAZIONALE DELLE RICERCHE

 Italy





EUROPEAN RESEARCH ON XYLELLA FASTIDIOSA

A book of abstracts collecting all the contributions presented during the 2nd Joint Annual Meeting of the POnTE and XF-Actors projects in Valencia on the emerging plant diseases.

XYLELLA UPDATES

20/10/2020
XF-ACTORS deliverables: a resource

13/10/2020
Phylogenetic inference enables reconstruction of a long-overlooked outbreak of almond leaf scorch disease (*Xylella fastidiosa*) in Europe

14/07/2020
Population structure and adaptation of a bacterial pathogen in California grapevines

LATEST NEWS

12/10/2020
EU adopts new measures against *Xylella fastidiosa*

07/08/2020
APS Annual Meeting: Plant Health 2020 Online

22/06/2020
Special Issue "Integrating Science on Xanthomonas and *Xylella* for Integrated Plant Disease Management"

PROJECT PUBLICATIONS

29/10/2020
Populations and Host/Non-Host Plants of Spittlebugs Nymphs in Olive Orchards from Northeastern Portugal

02/09/2020
Differences in the Endophytic Microbiome of Olive Cultivars Infected by *Xylella fastidiosa* across Seasons

23/08/2020
Study shows strong spatial clustering of *Xylella fastidiosa* in Alicante (Spain) and Apulia (Italy)

Other EU research initiatives:

Work programme 2018-2020

BBI-2019-SO3-D4 - Demonstrate bio-based pesticides and/or biostimulant agents for sustainable increase in agricultural productivity

Biocontrol of *Xylella* and its vector in olive trees for integrated pest management

Links:

<https://cordis.europa.eu/project/id/887281>

<https://biovexo.eu>



Project Information

BIOVEXO

Grant agreement ID: 887281

Status

Ongoing project

Start date

1 May 2020

End date

30 April 2025

Funded under
H2020-EU.2.1.4.
H2020-EU.3.2.6.

Overall budget
€ 8 025 112,41

EU contribution
€ 6 612 227,48



Coordinated by
RTDS - VEREIN ZUR FORDERUNG DER
KOMMUNIKATION UND VERMITTLUNG VON
FORSCHUNG, TECHNOLOGIE UND INNOVATION
(RTDS VEREIN, ENGL. RTDS ASSOCIATION)

 Austria

Other EU research initiatives

MSCA-RISE-2016 - Research and Innovation Staff Exchange

Stimulating innovation by means of cross-fertilisation of knowledge

Capacity Building And Raising Awareness In Europe And In Third Countries To Cope With *Xylella fastidiosa*

Links:

<https://cordis.europa.eu/project/id/734353>

<http://www.cure-xf.eu>



Project Information

CURE-XF

Grant agreement ID: 734353

[Project website](#)

Status

Ongoing project

Start date
1 September 2017

End date
31 August 2021

Funded under
H2020-EU.1.3.3.

Overall budget
€ 1 777 500

EU contribution
€ 1 777 500



Coordinated by
CENTRO INTERNAZIONALE DI ALTISTUDI
AGRONOMICI MEDITERRANEI

 Italy

HORIZON EUROPE

The next EU research & innovation investment programme (2021-2027)



Pillar 1
Excellent Science



Pillar 2
Global Challenges and
European Industrial
Competitiveness



Pillar 3
Innovative Europe



HORIZON EUROPE

1. Health
2. Culture, Creativity and Inclusive Society
3. Civil Security for Society
4. Digital, Industry and Space
5. Climate, Energy and Mobility
- 6. Food, Bioeconomy, Natural Resources, Agriculture and Environment**

In Summary



Xylella Fastidiosa Active Containment Through a
multidisciplinary-Oriented Research Strategy



3rd European Conference on Xylella - 26-30 April, 2021 (online)



HORIZON EUROPE



INTERNATIONAL YEAR OF
PLANT HEALTH

2020

Thank you!

www.ec.europa.eu/agriculture

Plant health Protecting plants to safeguard our future



<https://europa.eu/!hF36xK>