



European Conference on *Xylella fastidiosa*

Palma de Mallorca, 13-15 November 2017

Marta Hugas
EFSA Chief Scientist

XYLELLA FASTIDIOSA: RÉUNION DE HAUT NIVEAU
Paris, 30 November - 1st December 2017

A BACKGROUND CHRONOLOGY

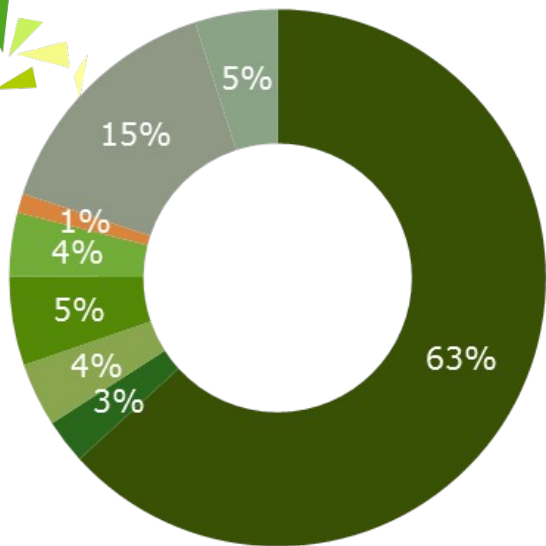
JANUARY – NOVEMBER 2015

- ❑ EFSA Plant Health Panel recommends research on *Xf* in EU outbreaks
- ❑ European Parliament demands stepping up funds for *Xf* research
- ❑ European Commission DG RTD workshop on *Xf* control at EXPO Milano
- ❑ European Commission DG RTD tasks EFSA to identify *Xf* knowledge gaps and research priorities and produce *Xf* research state of the art
- ❑ EFSA contract for a “Pilot project on *Xylella fastidiosa* to reduce risk assessment uncertainties” – exploring the host range of the *Xylella* CoDiRO strain and the identification of the tolerant/resistant olive varieties
- ❑ H2020 *Xf* funded research projects: projects POnTE and XF ACTORS

EUROPEAN CONFERENCE ON XYLELLA NOV 2017 FINDING ANSWERS TO A GLOBAL PROBLEM



- ❑ 3-Day Conference: multi-partner conference organising committee, 9 plenary sessions, 52 presentations, 65 scientific posters
- ❑ Looking at current knowledge of the pathogen, how it is transmitted, resistance in plants and control measures



- Researchers
- Panel members
- EFSA Staff
- EU Institutions
- International organisations
- NGO
- National authorities
- Private sector



**261 participants from 20 EU MSs, 14 non-EU countries
(Europe, Middle East, North Africa, North, Central and South
America, Australia and New Zealand)**

Dedicated website https://efsa.eventscase.com/EN/xylella_conference_2017



KEY CONCLUSIONS & RECOMMENDATIONS FOR RESEARCH

- ❑ Control of *Xf* is complex -- “One size does not fit all”
- ❑ Closely related genotypes of *Xf* can vary in host range. Genomic analyses can help to understand *Xf* origin and spread
- ❑ *Xf* olive resistance/tolerance in Italy. Resistant grapevines by classical breeding in California. Needs for European germplasm screening and breeding
- ❑ Early detection is essential. Advances in diagnostic and remote sensing
- ❑ Scientists share their data. High level of cooperation

Amazing progress of *Xf* research in Europe
Still a long way forward, long term research needed

WHAT'S NEXT?

- ❑ Presentations, book of abstract and event report available soon
- ❑ Scientific papers in EFSA Journal Special peer-reviewed issue on Wiley Online Library in 2018
- ❑ 2nd European Conference on *Xylella fastidiosa* in Corsica, September/October 2019

Organising Committee + New Partners: ANSES & INRA

- ❑ European Conference on *Xylella fastidiosa*: every 2 years

EFSA'S ONGOING ACTIVITIES

- ❑ Update of *X. fastidiosa* pest categorisation based on new research results and EU outbreaks
- ❑ Pest categorisation of non-European insect vectors of *X. fastidiosa*
- ❑ Global database on *X. fastidiosa* host plants
- ❑ 2 outsourcing contracts ongoing:
 - one on biology, ecology and control of *X. fastidiosa* vectors in Italy (CNR Bari)
 - one on biology and ecology of *X. fastidiosa* insect vectors in Balearic Islands (University of Balearic Islands)

MERCI BEAUCOUP DE VOTRE ATTENTION



Xylella fastidiosa trailer: Can science find a solution?