

1. Content of the 'Topic Description' document

1.1. Topic area

I: Other

1.2. Links to the Euphresco Strategic Research Agenda

The topic addresses the following objective(s) of the 2017-2022 Euphresco Strategic Research Agenda:

- ☒ Objective 2017-I-2.1: to support data exchange, data use and re-use for the benefit of plant health research activities
- ☒ Objective 2017-C-3.1: to favour knowledge exchange and support common initiatives with relevant players

1.3. Topic title

Community Network for practices in Plant Virology.

1.4. Description of the problem the research should solve

The project resulted from discussions during the final meeting of the COST Action 1407 DIVAS. This 3-years EU project was very successful and resulted in many fruitful collaborations between researchers working in different fields and countries world-wide. The open atmosphere during the meetings played a crucial role in initiating many collaborative projects. Therefore, all spoken participants would like to continue and consolidate the network resulting from the COST Action in order to facilitate knowledge exchange.

For Euphresco research projects it can often be a challenge to bring the researchers involved together in a face-to-face meeting, while such events are essential for fruitful collaboration. At the same time, having knowledge exchange between projects in Plant Virology will create additional benefits. By combining the meetings of the different projects and to have an overarching session next to the various projects meetings, a synergy can be created. Moreover, by functioning as a core group, the Euphresco partners create a basis from which the network can be extended.

More specifically, the project shall aim to organise an annual meeting to exchange and learn practices between virologists working on different crops and in different fields (such as diagnostics, research, certification and bio-informatics). In addition, these meetings will provide a platform to develop strategies for validation of 'HTS protocols' for certification, monitoring, etiology, *etc.*, to develop and validate harmonised diagnostic protocols using HTS, to initiate collaborative projects and/or training courses.

1.5. Description of the expected results

Organisation of two meetings (2020 and 2021) in which active players in the Plant Virology can participate, aiming to bring together the scientists working in various Euphresco projects that focus on virology, as well as new partners. Organisation of these event will facilitate knowledge exchange from ongoing projects and will allow to discuss about future research needs to address and gather ideas for new research projects.

1.6. Beneficiaries of this research product

Plant virologists, national reference laboratories, official laboratories, policy makers and others using the outcome of Euphresco projects.

1.7. Research funders and research contribution/ distribution



Funding organisation	Research activity and researchers involved
<p>1. Netherlands Food and Consumer Products Safety Authority (NVWA), the Netherlands</p> <p>Martijn Schenk m.schenk1@nvwa.nl</p>	<p>-Project coordination; -Potentially, organisation of one of the meetings;</p> <p>Contact person: Annelien Roenhorst E-mail: j.w.roenhorst@nvwa.nl</p>
<p>2. Federal Ministry for Sustainability and Tourism, Austria</p> <p>Sylvia Bluemel sbluemel@ages.at</p>	<p>-Knowledge exchange from existing projects; -Develop and validate harmonised diagnostic protocols using HTS;</p> <p>Contact person: Thomas Leichtfried E-mail: thomas.leichtfried@ages.at</p>
<p>3. Ministry of Agriculture, Cyprus</p> <p>Tafkros Iacovides tiacovides@da.moa.gov.cy</p>	<p>-Participation to meetings and exchange of knowledge data;</p> <p>Contact person: Despina Philippou E-mail: dphilippou@da.moa.gov.cy</p>
<p>4. French Agency for Food, Environmental and Occupational Health & Safety, France</p> <p>Geraldine Anthoine geraldine.anthoine@anses.fr</p>	<p>-Participation to both meetings and exchange of knowledge data;</p> <p>Contact person: Pascal Gentit E-mail: pascal.gentit@anses.fr</p> <p>Contact person: Benoit Remenant E-mail: Benoit.remenant@anses.fr</p>
<p>5. Federal Ministry of Food and Agriculture, Germany</p> <p>Beerbaum, Bettina Bettina.Beerbaum@bmel.bund.de</p> <p>Silke Steinmöller Silke.steinmoeller@julius-kuehn.de</p>	<p>-Participation in annual meeting; -Contribution to knowledge exchange, offering to host one meeting;</p> <p>Heiko Ziebell E-mail: heiko.ziebell@julius-kuehn.de</p>
<p>6. Benaki Phytopathological Institute, Greece</p> <p>Irene Vloutoglou i.vloutoglou@bpi.gr</p>	<p>-Participation in the meetings and exchange of knowledge/data;</p> <p>Contact person: Christina Varveri E-mail: c.varveri@bpi.gr</p>
<p>7. Department of Agriculture, Food and Marine, Ireland</p> <p>Maria Laura Destefanis Maria.Destefanis@agriculture.gov.ie</p>	<p>-Contribution to be detailed</p> <p>Contact person: Maria Laura Destefanis E-mail: Maria.Destefanis@agriculture.gov.ie</p> <p>-Contribution to be detailed</p> <p>Contact person: Thomas Fleming E-mail: Thomas.fleming@afbini.gov.uk</p>
<p>8. All Russian Plant Quarantine Center, Russian Federation</p>	<p>-Exchange of information about different projects and studies ;</p>



Yuri Shneyder Yury.shneyder@mail.ru	Contact person: Yuri Shneyder E-mail: Yury.shneyder@mail.ru
9. Ministry of Agriculture Forestry and Food, Slovenia Erika Orešek Erika.oresek@gov.si	-Contribution to networking, exchange and harmonisation of practices in the use of HTS for plant virus detection; -Meeting attendance; Contact person: Denis Kutnjak E-mail: denis.kutnjak@nib.si Contact person: Nataša Mehle E-mail: natasa.mehle@nib.si Contact person: Maja Ravnikar E-mail: maja.ravnikar@nib.si -Contribution to networking, exchange and harmonisation of practices in the use of HTS for plant virus detection; -Meeting attendance; Contact person: Irena Mavric Plesko E-mail: irena.mavric@kis.si Contact person: Janja Lamovsek E-mail: janja.lamovsek@kis.si
10. Department for Environment Food and Rural Affairs, United Kingdom Elspeth Steel Elspeth.Steel@defra.gov.uk	-Participation in meetings and contribution to knowledge exchange; Contact person: Adrian Fox E-mail: Adrian.fox@fera.co.uk
11. Arab Society of Plant Protection, Lebanon Ibrahim Al-Jboory ijboory@yahoo.com Khaled makkouk khaled.makkouk@cnrs.edu.lb	-To ensure links with the virologist community in Arab-speaking countries; -To translate relevant documents; Contact person: Khaled makkouk E-mail: khaled.makkouk@cnrs.edu.lb
12. The Flower Bulb Inspection Service, the Netherlands Iris Stulemeijer Iris.Stulemeijer@bkd.eu	-Participation in annual meeting and contribution to knowledge exchange Contact person: Iris Stulemeijer E-mail: Iris.Stulemeijer@bkd.eu
13. Naktuinbouw, the Netherlands Marcel Toonen m.toonen@naktuinbouw.nl	-Participation in annual meeting and contribution to knowledge exchange Contact person: Ellis Meekes E-mail: e.meekes@naktuinbouw.nl
14. Agri-Food and Biosciences Institute Northern Ireland, United Kingdom Thomas Fleming	-Contribution to be detailed Contact person: Thomas Fleming E-mail: Thomas.fleming@afbini.gov.uk



Thomas.fleming@afbini.gov.uk	
15. Oklahoma State University, United States of America Francisco Ochoa Corona ochoaco@okstate.edu	-Contribution to be detailed; Contact person: Francisco Ochoa Corona E-mail: ochoaco@okstate.edu
16. University of Arkansas, United States of America Ioannis Tzanetakis itzaneta@uark.edu	-Contribution to be detailed; Contact person: Ioannis Tzanetakis E-mail: itzaneta@uark.edu

1.8. Research project partnership outside Euphresco

Euphresco funding ensures a certain level of transnational collaboration among Euphresco member countries. It is possible, if the funding consortium is interested, to contact funding organisations or research groups outside the geographical area covered by Euphresco members. The Euphresco coordinator could advertise the research topic in order to have an enlarged collaboration. If funders are interested in this possibility, please check the case below:

☒ The funding consortium of the topic mentioned in section 1.2 requires that the topic is advertised outside the Euphresco network

Information to define the profile of sought partners could be useful (but not mandatory): country/region (if there are preferences), skills/expertise required, etc.

1.9. Any other relevant information on content

This project is a follow up of the COST Action 1407 DIVAS. For the project to be successful, it requires the majority of the participants of the current Euphresco projects on virology to join in as partners. Contributions may vary from (co)organising a meeting to participating in the meetings.



2. Euphresco management aspects of the project

1.1. Indication of the topic budget

Funding organisation ^a	Mechanism ^b	Total Budget ^c
1. NVWA (NL)	NC	€
2. AGES (AT)	NC	€
3. MOA (CY)	NC	€
4. ANSES (FR)	NC	€
5. BMEL (DE)	NC	€
6. BPI (GR)	NC	€
7. DAFM (IE)	NC	€
8. VNIIR (RU)	NC	€
9. MKGP (SI)	NC	€
10. DEFRA (GB)	NC	€
11. ASPP (LB)	NC	€
12. BKD (NL)	NC	€
13. Naktuinbouw (NL)	NC	€
14. AFBINI (GB)	NC	€
15. Okstate (US)	NC	€
16. UARK (US)	NC	€
total		€

1.2. Expected duration of the project (only for non-competitive topics)

24 months.

1.3. Identification of project coordinator

Has the research project coordinator been identified?

☒ Yes

☐ No

1.4. Any other relevant information on topic organisation and management

None.

^a First member is project coordinator. A minimum of two partners are necessary for each proposal. Add lines as needed.

^b Please indicate the preferred mechanism (e.g. real pot RP; virtual pot VP; non-competitive NC), or several mechanisms if there is flexibility.

^c Optional, as this amount can still change in the next phase. In-kind contribution should also be indicated in this column.