

European Reference Laboratory (EURL) for pests of plants on Viruses, Viroids and Phytoplasmas

Work programme 2019/2020

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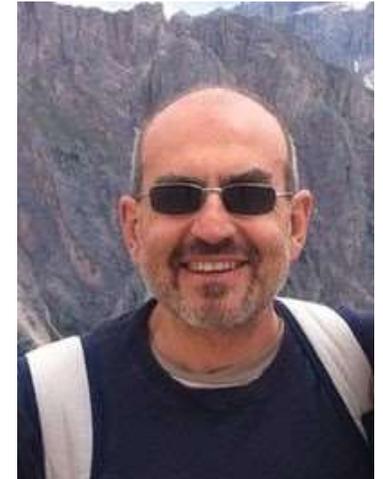


EURL-Virology Consortium

- Netherlands Food and Consumer Product Authority (NVWA)
The Netherlands
- Research Centre for Plant Protection and Certification (CREA)
Italy
- National Institute of Biology (NIB)
Slovenia



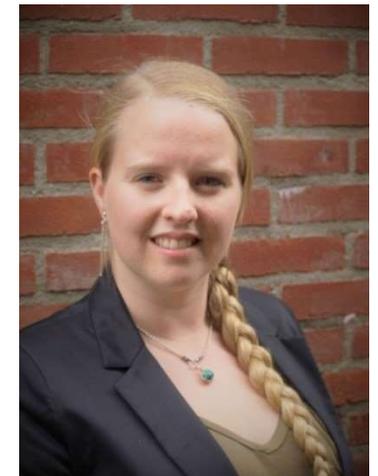
Natasa Mehle (NIB)



Francesco Faggioli (CREA)



Annelien Roenhorst

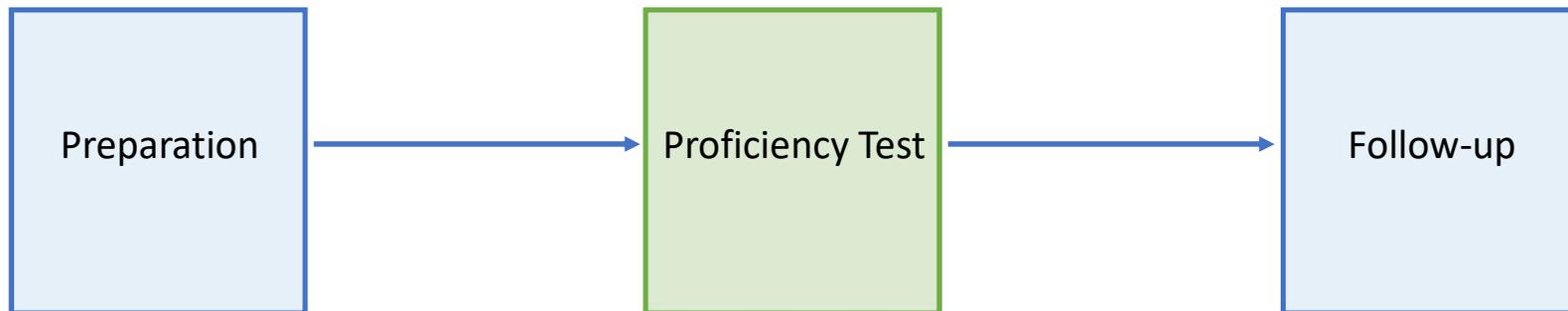


Saskia Bosman (NVWA)

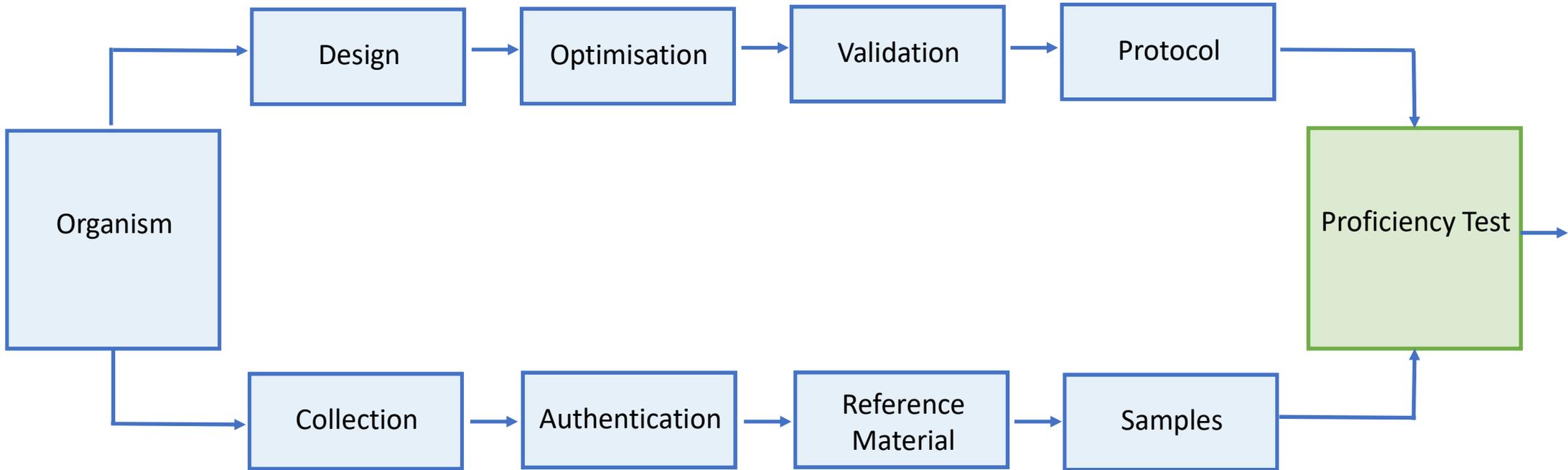
Aim

- Achieve an overall high level of diagnostics at National Reference Laboratories
- Responsibilities and tasks described in article 94 of the Official Controls Regulation (EU) 2017/625

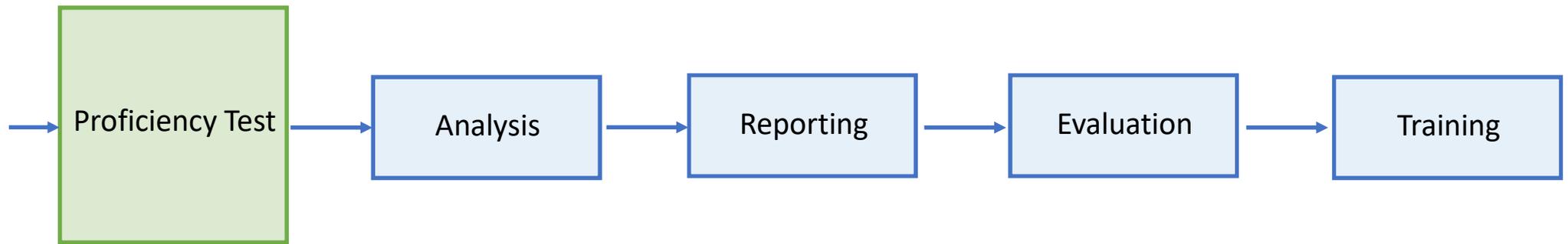
Ensure high-quality diagnostics at NRLs



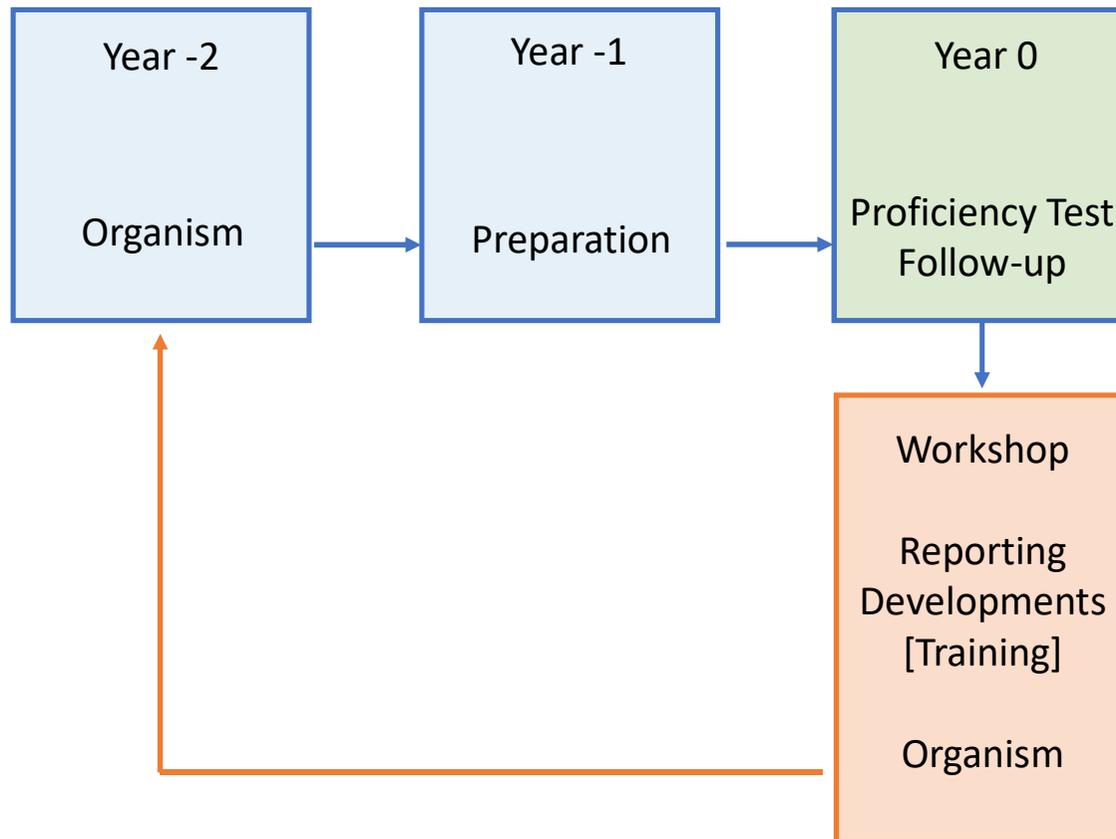
Preparation Proficiency Test



Follow-up Proficiency Test



Planning activities Proficiency Tests in time



Priority pests EURL-Virology 2019-2020

- Grapevine flavescence dorée phytoplasma (GFDP)
- Tomato leaf curl New Delhi virus (ToLCNDV)
- Rose rosette virus (RRV)
- Viruses transmitted by *Bemisia tabaci*



Planning EURL-Virology

Year	2019	2019-2020	2019-2020	2019-2021
Organism	GFDP	RRV	ToLCNDV	Begomo
Reference material	NIB	NVWA	CREA	NVWA
Protocol	NIB	NVWA	CREA	NIB
Samples	NIB	NVWA	CREA	?
Proficiency Test & Reporting	NIB	NVWA	CREA	?
Training	?	?	?	?

Activities EURL-Virology 2019

- Questionnaire (response by 15-09)
 - NRL capabilities, in particular related to priority pests (facilities, experience)
 - Availability of collections
 - Specific demands and/or needs
- Proficiency Test GFDP (registration by 05-09; results by 16-10)
- Annual Workshop (Wageningen, 5/6-11)
- Theoretical Training (Wageningen, 6-11)

Further activities EURL-Virology

- Scientific and technical assistance NRLs (requests via Commission)
 - Implementation of diagnostic tests
 - Advice on reagents and reference materials
 - Information on relevant research activities and developments
 - ...
- Scientific and technical assistance Commission
 - Up-to-date list of NRLs
 - Advice on diagnostic tests
 - Confirmatory diagnosis
 - Participation expert meetings
 - Collaboration other international organisations (including third countries)
 - ...

Further and future activities EURL-Virology

- Website: <https://eurlplanthealth.pleio.nl> (open for registration)
 - Work programme 2019/2020
 - Upcoming activities
 - ...
 - Protocols for Proficiency tests (information on reference materials, reagents)
 - Relevant links, e.g. research activities
 - ...

Under development and suggestions welcome!



The screenshot displays the website for Plant Health: EURL on Bacteria & EURL on Viruses, Viroids and Phytoplasmas. The page features a green navigation bar with links for Home, General Information, EURL Bacteriology, EURL Virology, Beheer, and Dashboard. Below the navigation bar, there is a 'Welcome' section with a message: 'Welcome to the website of the EURLs on' followed by a list: '• Bacteria', '• Viruses, Viroids and Phytoplasmas'. There are two main content areas: 'EURL Bacteriology Consortium' and 'EURL Virology Consortium'. The Bacteriology consortium lists: 'The National Reference Centre (NRC) of the Netherlands Food and Consumer Product Safety Authority (NVWA) – The Netherlands (Maria Bergsma-Vlami (EURL director))', 'The Flanders Research Institute for Agriculture, Fisheries and Food (ILVO) – Belgium (Johan van Vaerenbergh, Kris de Jonghe & Annemie Hoedeke)', 'The Research Centre for Plant Protection and Certification (CREA-DC (DIALAB)) – Italy (Stefania Loreti, Valeria Scala, Vincenza Ilardi & Nicoletta Pucci)', and 'The National Institute of Biology (NIB) – Slovenia (Tanja Dreoc)'. The Virology consortium lists: 'The National Reference Centre (NRC) of the Netherlands Food and Consumer Product Safety Authority (NVWA) – The Netherlands (Annelien Roenhorst (EURL director))', 'The Research Centre for Plant Protection and Certification (CREA-DC (DIALAB)) – Italy (Francesco Faggioni & Luca Ferretti)', and 'The National Institute of Biology (NIB) – Slovenia (Natasa Mehle)'. At the bottom, there is a 'Please log in or register' section with a message: 'Annelien Roenhorst welcome on the Plant Health: EURL on Bacteria & EURL on Viruses, Viroids and Phytoplasmas community'.