General overview on Q-collect: main objectives of the project

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Introduction

- Expanding globalisation of trade in plant material,

- Climate change,

- EU expansion creating new borders and pathways,

- Increasing regulation harmful organisms,

- Decline in the resources supporting plant health
  activities on national and european level,

- Reference material needed for ID/DET methods.

Introduction

- Collections EU dispersed, widespread and of very variable quality. (NPPO's, mandated diagnostic laboratories, Universities, Research Institutes, Natural History Musea, other),

- Own collections related to their specific work and scope,

- Connected to a single specialist,

- Need to improve the infrastructure supporting phytosanitary important collections,

- MIRRI (Microbial Resource Research Infrastructure) project started in 2013.

Phytosanitary Collections, important for:

- Studying Biodiversity

- Studying Evolution

- Studying Taxonomy

- Development of detection- and identification methods

- Reference material within these collections

Q-collect

- Title: Coordination and Collaboration between reference collections of plant pests and diseases for EU Plant Health Policy

- Grant agreement no: 612712

- EU Budget: 500,000 €

SEVENTH FRAMEWORK
PROGRAMME

New legislation: reference material, reference data, reference database

- Q-collect: Reference collections, reference material

- QBOL: Reference data: DNA/RNA barcodes

- Q-bank: Reference database

Partners in Q-collect

- 1: DLO (NL)
- 3: ILVO (B)
- 5: UNIBO (I)
- 7: EVD-ACW (CH)
- 9: INRA (F)
- 11: DSMZ (D)
- 13: EPPO (F)
- 15: JKI (D)

2: DEFRA (UK)

4: UGent (B)

6: KNAW-CBS (NL)

8: ANSES (F)

10: Naturalis (NL)

12: AGES (AU)

14: FGU VNIIKR (RU)

16: NVWA (NL)

Work Packages in Q-collect

- WP1: Coordination
- WP2: Inventory of relevant phytosanitary collections
- WP3: Quality standards
- WP4: Access
- WP5: Info-portal
- WP6: Sustainable European network of reference collections
- WP7: Dissemination

WP structure
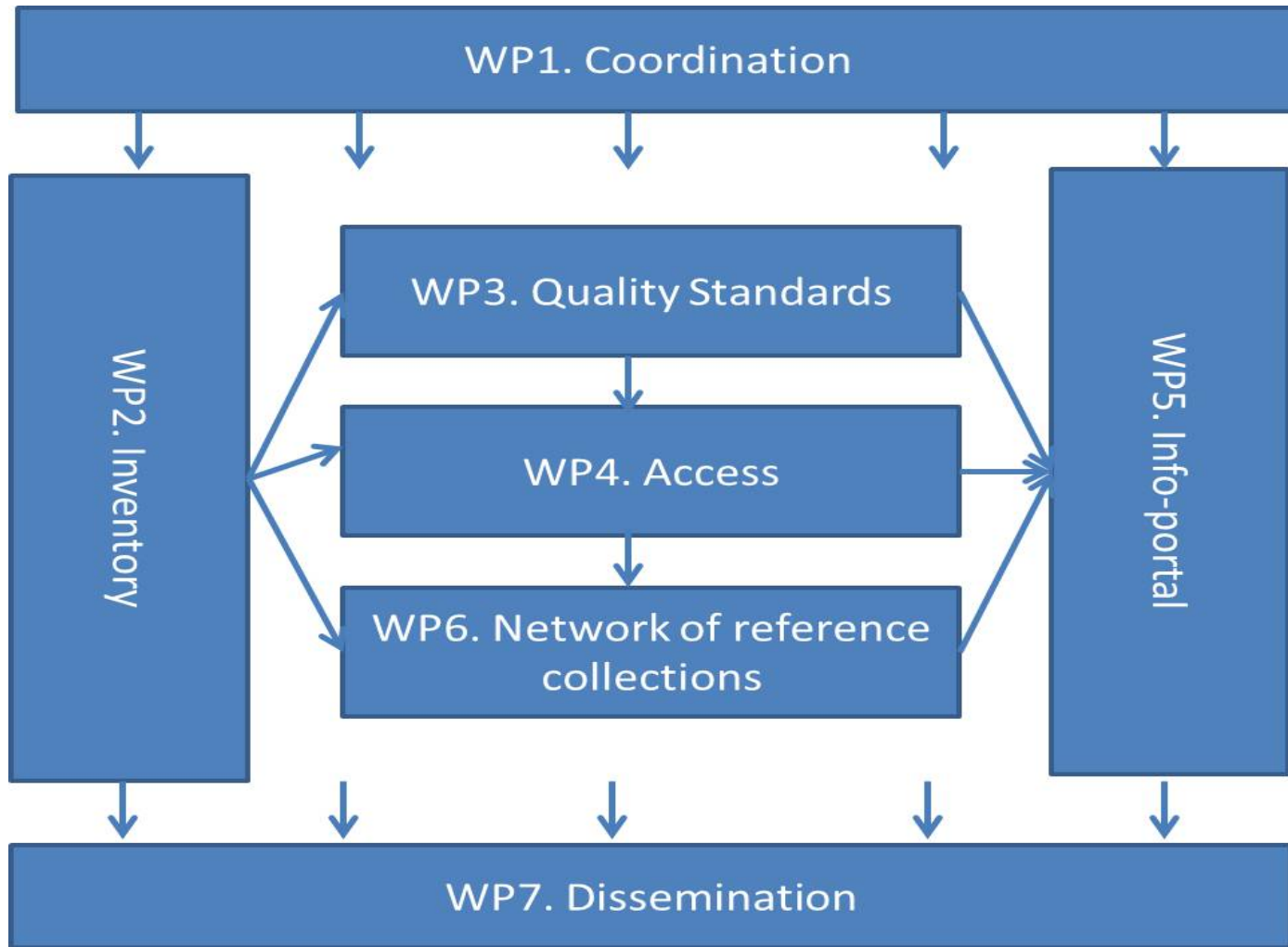
(Dpt) WP leaders

WP	Title	WP-leader	deputy WP leader
1	Coordination	Peter Bonants (DLO)	
2	Inventory	Jean-Claude Streito (INRA)	Francoise Petter (EPPO)
3	Quality Standards	John Elphinstone (Fera)	Marianne van der Blom (NVWA)
4	Access	Perrine Portier (INRA)	Pascal Gentit (Anses)
5	Info-portal	Vincent Robert (CBS)	Francoise Petter (EPPO)
6	Network Reference	Sylvia Blümel (Ages)	Paul de Vos (UGent)
7	Dissemination	Francoise Petter (EPPO)	Peter Bonants (DLO)

Organisms included

- Fungi

- Bacteria

- Invasive plant

- Nematodes

- Arthropods

- Phytoplasmas

- Viruses & Viroids
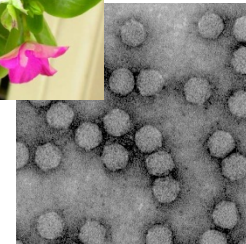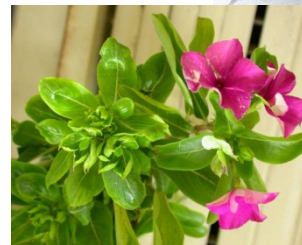
Aims

- Inventory of existing phytosanitary important collections within Europe and their content

- Development guidelines for quality standards

- Development guidelines to improve the accessibility of these collections

- Design and build a network of reference collections

- Development an info-portal on the web

- Dissemination of the results to stakeholders

Acknowledgements

- All Partners of Q-collect
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- CRA-PAV for hosting the symposium
- You for your attendance/contribution

- Thank you very much for your attention