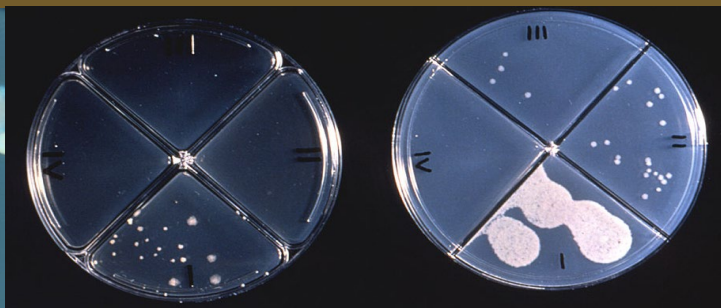
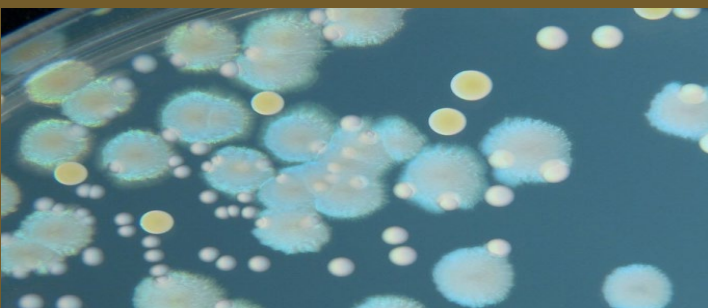


Evaluation of current processes for bacteria detection and identification (ISONEED)



Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 125 000

Research consortium

EPPO (Int), ILVO (BE), CISTA (CZ), JKI (DE), ANSES (FR), VAAD (LV), NVWA (NL), NIB (SI)

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Goals

This project aims to evaluate current diagnostic processes as described in EPPO diagnostic protocols for a number of bacteria selected from the list of existing EPPO diagnostic protocols, in particular the correlation of results between the indirect tests used in bacteriology as detection test with isolation of the bacteria and pathogenicity tests. The list of bacteria that could be covered by the project's activities (choice made to provide a range of bacteria for which isolation is challenging and others for which isolation is less challenging) is presented below, but the list could be further refined during EPPO Panel meeting.

Erwinia amylovora, *Xanthomonas axonopodis* pv. *dieffenbachiae*, *Xylella fastidiosa*, *Clavibacter michiganensis* subsp. *Michiganensis*, *Xanthomonas axonopodis* pv. *citri*, *Pantoea stewartii* subsp. *stewartii*, *Xanthomonas arboricola* pv. *pruni*, *Xanthomonas fragariae*, *Xylophilus ampelinus*, *Acidovorax citrulli*.

Key outputs and results

Flow diagrams for detection and identification of bacteria in EPPO Diagnostic protocols will be reviewed in the light of the findings of the project and procedures involving indirect tests and isolation may be streamlined in light of the outcome.