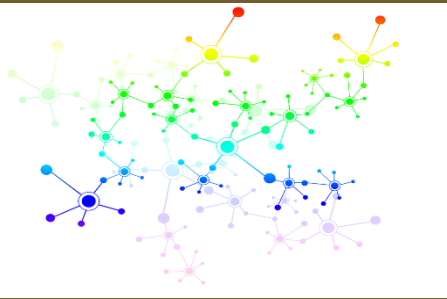


# Plant Health Bioinformatics Network (PHBN)



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## Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 313 000

## Research consortium

ILVO (BE), CFIA (CA), AU (DK), ANSES (FR), INRA (FR), MOAG (IL), NIB (SI), INIA (ES), APHIS (US), DSMZ (DE), GRE-NRI (GB), CNR (IT), NAK (NL), NAKTUINBOUW (NL), UB (RS), IPEP (RS), CRI (TR), NOHU (TR), AGS (CH)

## Contact information

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## Goals

High-Throughput Sequencing has revolutionized biology and medicine but adoption in a plant health diagnostics is still limited. One of the main bottlenecks is the lack of expertise and consensus on the standardization of the data analysis. The project will contribute to build a community network of bioinformaticians/computational biologists working in plant health

## Objectives

- The project will:
- Develop reference datasets that can be used for validation of bioinformatics pipelines and for standardization purposes
  - Develop training materials to leverage the experience of less experienced laboratories during and after the project (training material available online)
  - Build a network including bioinformaticians and plant pathologists, stimulating communication, exchange of expertise and collaboration to further close the knowledge gap among them

## Key outputs and results

- The expected outcomes of the project are:
- Development and proficiency testing of reference datasets. Reference datasets for a variety of well-characterized plant diseased materials using different HTS techniques will be developed
  - Development of open access training materials on selected pipelines
  - Stimulating networking, improving communication and knowledge sharing