



PM 7/122 (2) Guidelines for the organization of interlaboratory comparisons by plant pest diagnostic laboratories

EPPO Workshop for Heads of Laboratories
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Specific scope of PM 7/122

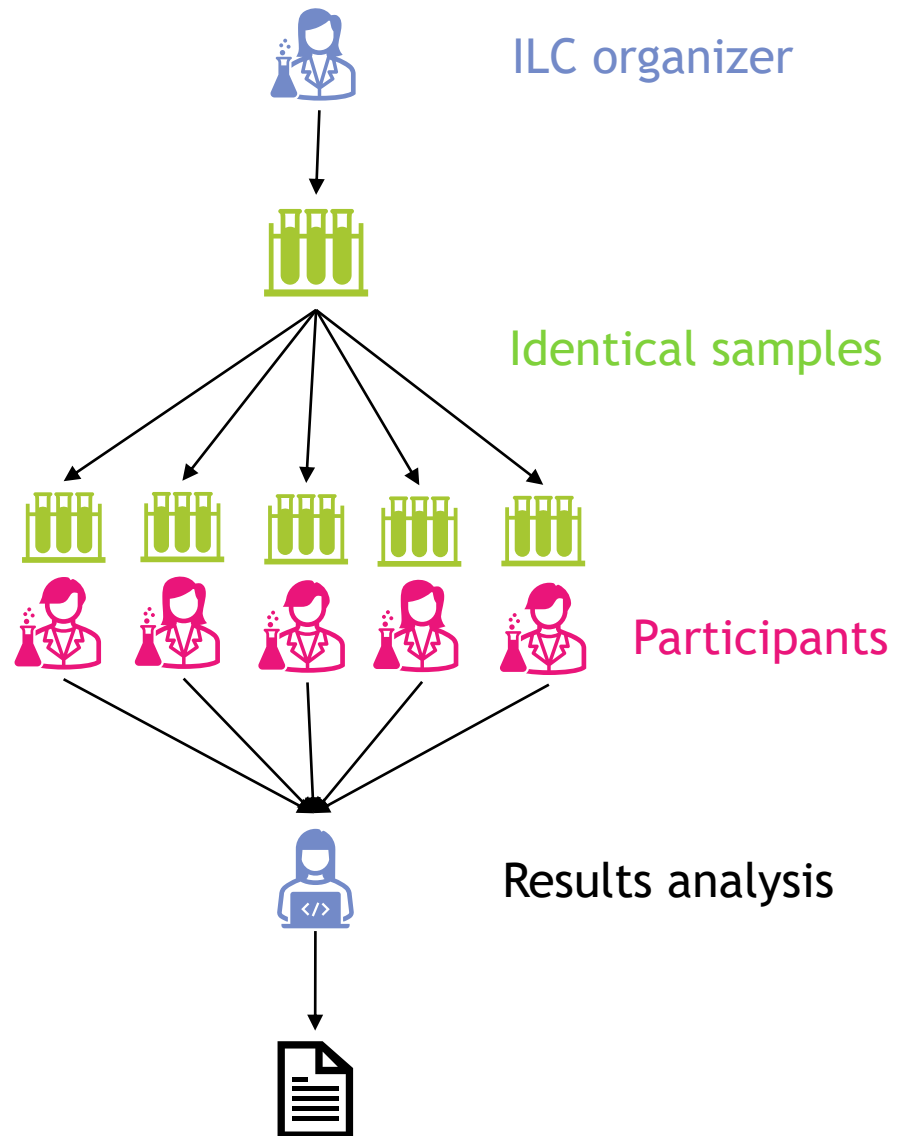
This EPPO Standard specifies:

- The requirements for a plant pest diagnostic laboratory to be able to organize interlaboratory comparisons.
- The requirements for the development and operation of interlaboratory comparisons for plant pest diagnostics.

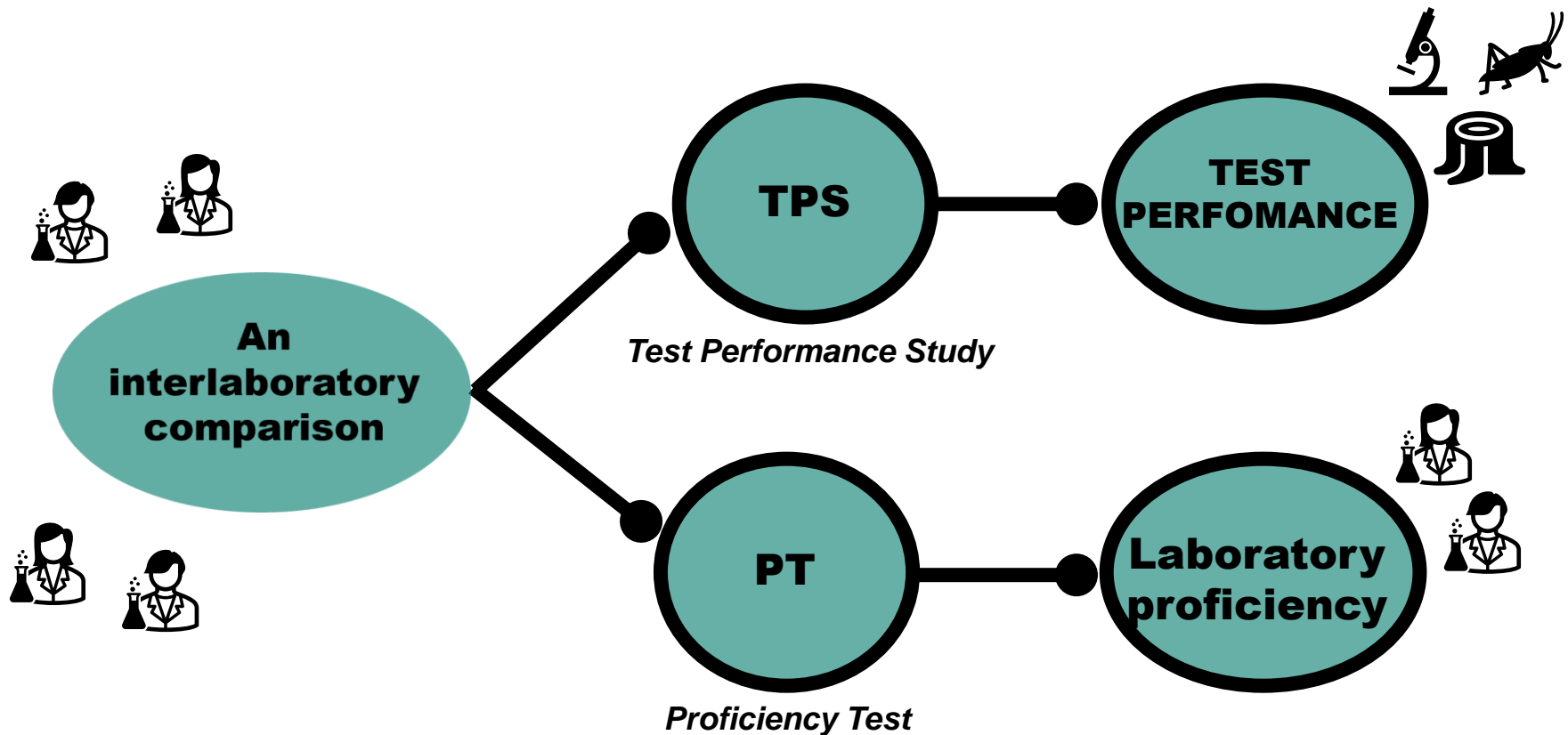
This EPPO Standard was developed taking into account elements included in ISO 17043 *Conformity assessment – General requirements for proficiency testing* (ISO, [2010](#))

What are interlaboratory comparisons ?

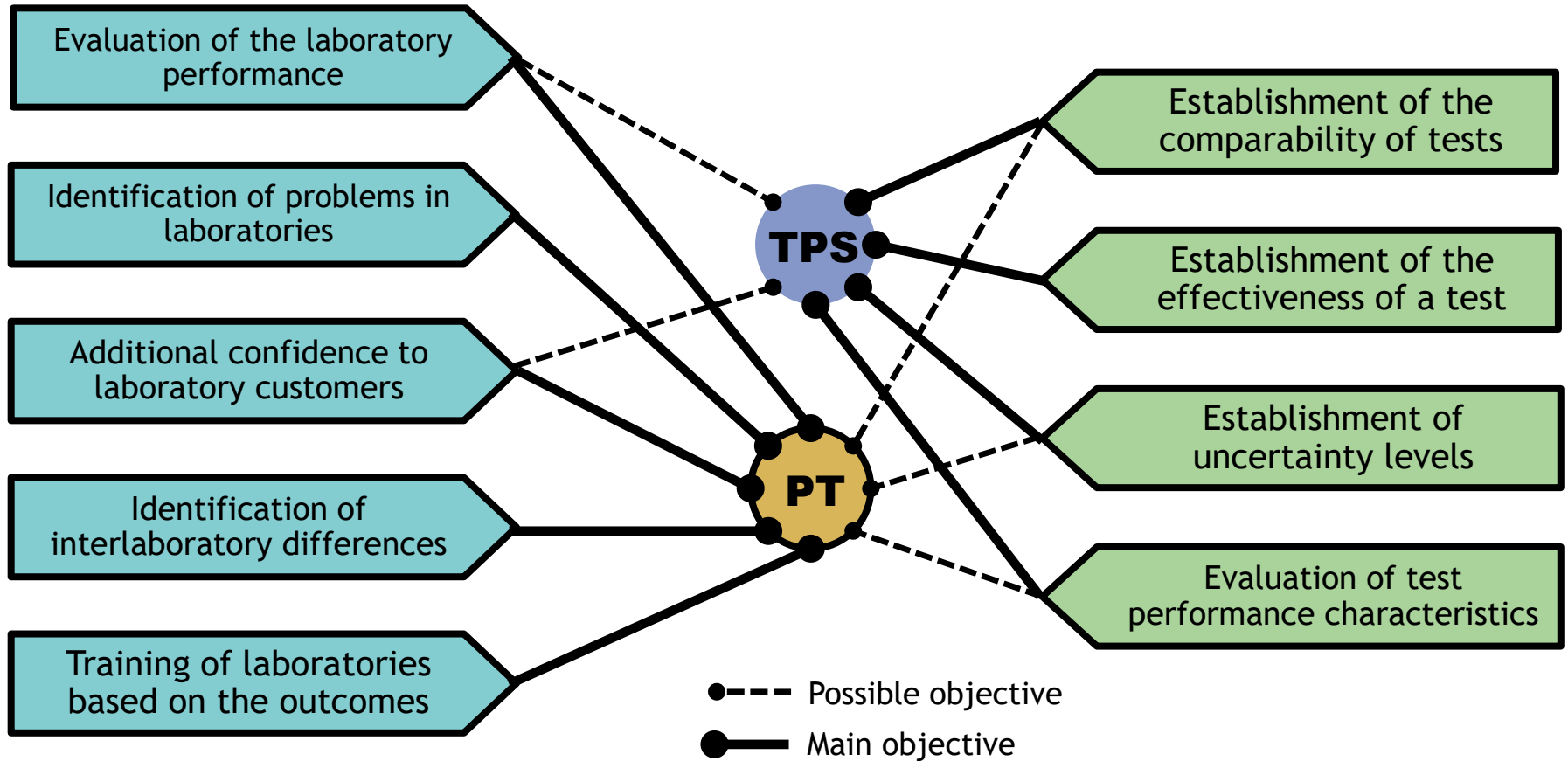
**An
interlaboratory
comparison**



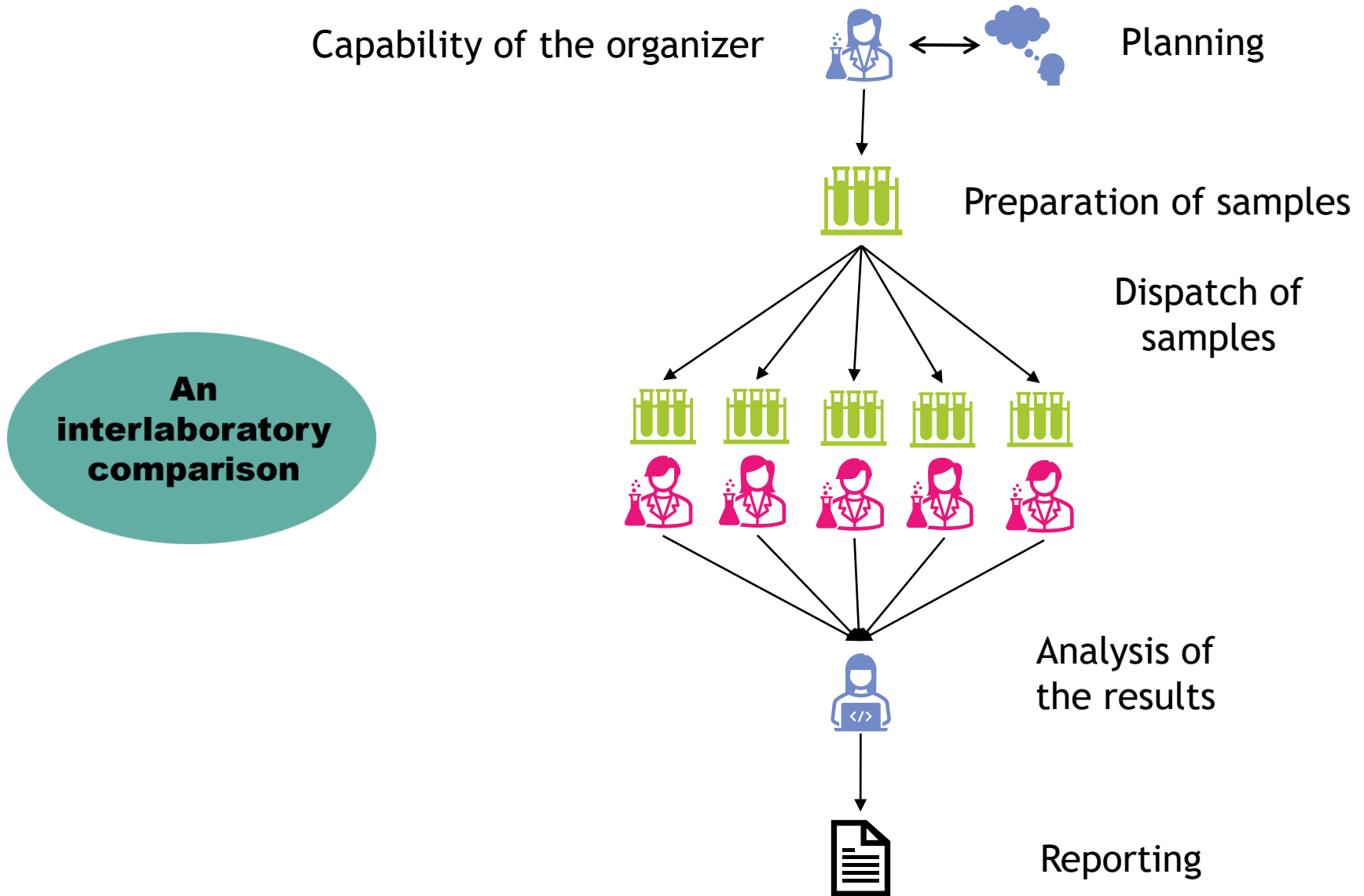
What are interlaboratory comparisons ?



Objectives of interlaboratory comparisons

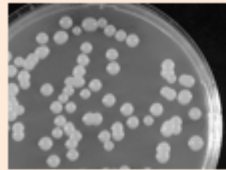


Content of PM 7/122 - Technical requirements for the organisation of an ILC



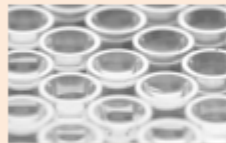
Outcome of

12 TPS
organized



11 pests

4 viruses, 4 bacteria, 1 nematode, 2 fungi



83 tests

Including molecular and serological tests
including on-site tests



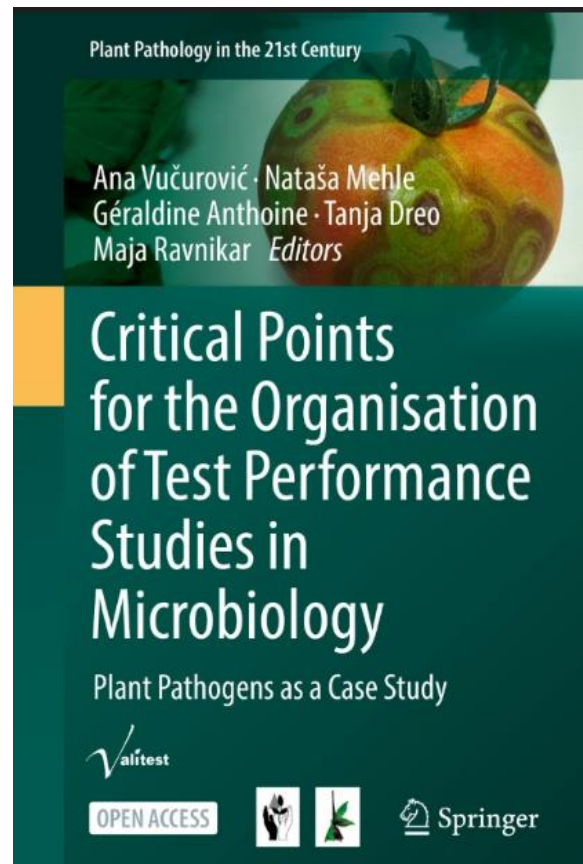
11 to 34 participants registered from
8 to 20 countries per TPS

10,000 samples sent to participants



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 773139" as requested by the GA, art. 29.4.

Outcome of Valitest



Outcome of Valitest

DELIVERABLE N° 2.1


Title:

**Guidelines for the revision of the EPP0 Standards PM 7/98
and PM 7/122 for validation studies (including Test Performance
Studies)**

Composition of the
panel of samples



Statistical analysis of
TPS results



Revision of PM 7/122

- Addition of information on the composition of the panel of samples
- Addition of information on the statistical analysis of the results of interlaboratory comparison
- Further revisions based on the experience gained in the organisation of PT/TPS (e.g. VALITEST / EURLs)
- Modification of the structure of the Standards for some parts (e.g. planning)

Thank you for your attention!

Do you have
any
Questions?



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