

FROM RESEARCH PROJECT TO ACCREDITATION

The study case of the evaluation of plywood resistance towards fungi according to XP ENV 12038

• RESEARCH PROJECT

PLYBIOTEST - Biological performance testing methodology to evaluate the durability of plywood as an indicator for exterior construction purposes

European project 5th PCRDT

- Budget: 1.776.062 €
- Duration: 2002 - 2006
- 13 partners: universities, research institutes, industries
- 25 industrial plywoods tested + experimental plywoods
- 300 tests according to XP ENV 12038

Test method for determining the resistance of wood based panels against wood-destroying basidiomycetes:

- 2 fungi
- 4 durations of exposition

XP ENV 12038
Project experience



Plywoods

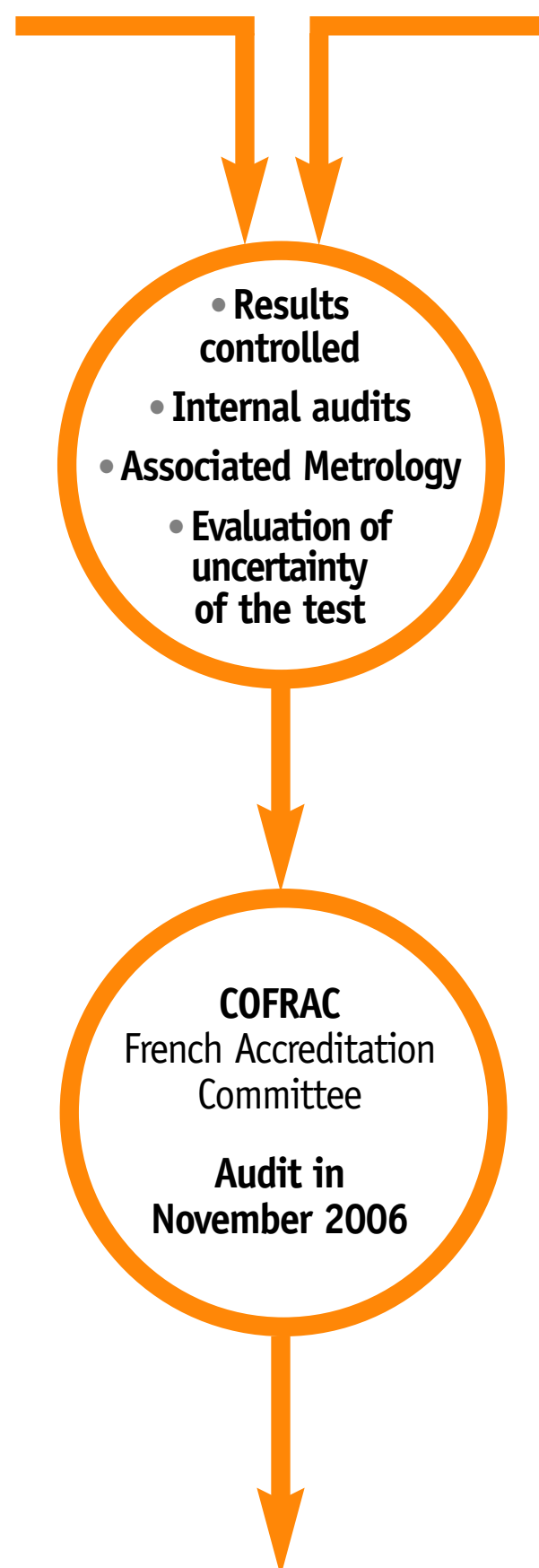
• QUALITY SYSTEM ACCORDING TO ISO 17025

Laboratory accredited in 2006 for its tests realized according to EN73, EN84, EN113, EN117 & EN 118 standards

- Qualified staff
- Fitted environment of tests
- Metrology
- Written and adapted documentation
- Product's traceability



ISO 17025
Quality management
Laboratory experience



ACCREDITATION extended to XP ENV 12038



XP ENV 12038 tests

• BENEFITS

Quality in research

- Improvement of traceability and fiability of results

Clients

- Test for industry
- Industrial partnership
- Financial resources

Feedback for standardisation

- Detection of errors in the standard
- Standard technical improvement

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