

20NRM04 MetrIAQ

Metrology for the determination of emissions of dangerous substances from building materials into indoor air

WP 3 Validation of the ERM, gPRM and gCRM including organisation of an inter-laboratory comparison

The aim of this work package is to validate the newly developed ERM, gPRM and gCRM from [WP1](#) including organisation of an inter-laboratory comparison (ILC).

In Task 3.1, the ERM, gPRM and gCRM will be validated internally within the consortium in terms of their short and long term stability, reproducibility and uncertainty.

In Task 3.2, the ERM, gPRM and gCRM will also be validated externally via an ILC. It is intended that the participants in the ILC will participate in validating both the ERM and gCRM.

In Task 3.3 the validation of the ERM, gPRM and gCRM will be completed by evaluating their overall measurement uncertainty. This will combine the uncertainty sources of the ERM, gPRM and gCRMs identified in Tasks 2.3 ([WP 2](#)) and 3.1 with the repeatability and reproducibility of the ILC measurement results in Task 3.2.



Examples for emission test chambers.

Source: Eurofins

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