

EuraThermal

Developing traceable capabilities in thermal metrology



COORDINATOR

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Increasing knowledge and facilities for more efficient industrial processes

Over 60 % of the processes used in Europe's manufacturing industry depend on the accurate measurement of the thermal properties of materials. Advanced thermal metrology is therefore a key factor for improving the efficiency and environmental impact of industrial processes. Europe has several NMIs specialising in the field of thermal metrology, but in order to accelerate economic growth across Europe, this expertise needs to be shared more widely. This project aimed to increase knowledge transfer and improve the availability of facilities in the field of thermal metrology (i.e. high temperature contact thermometry, non-contact thermometry and thermophysical properties characterisation) to emerging European NMIs, where such access is currently limited. The enhanced measurement capability provided through the project will help to sustain the economic competitiveness of European member states.

FINAL REPORT

- [Final Publishable Report Developing traceable capabilities in thermal metrology \(14RPT05\)](#) 0.46 MB

PUBLISHABLE SUMMARY

- [Final Publishable Summary Developing traceable capabilities in thermal metrology \(14RPT05\)](#) 0.38 MB