

Capacity Building - Projects (Call 2016)

An overview of the funded projects from the Targeted Programme Research Potential

Chemical analysis for food and environmental safety (16RPT01)

Improving Europe's chemical measurements to meet new regulations

Detecting trace amounts of chemicals within samples is important for meeting increasingly demanding food safety standards and environmental legislation. This project will develop new traceable chemical metrology capabilities for emerging NMIs/DIs and strategies to ensure new capabilities are embedded within them. This will give chemical analysis laboratories throughout Europe access to better quality chemical measurements, and support new environmental directives and food safety requirements.



Standardising drink driving tests for safer roads (16RPT02)

Traceable gas samples will lead to more reliable breathalyser tests

Access to standardised breathalysers across Europe is key to enforcing drink driving laws and reducing road deaths. This project will develop production capabilities at NMIs/DIs across Europe for standardised test gases which can be used as breathalyser reference materials. Wider access to certified reference materials will allow manufacturers of breathalysers to meet common standards and therefore support better enforcement of drink driving laws across Europe.



Expanding access to reliable glaucoma testing (16RPT03)

Bringing state of the art intraocular-pressure measurements to Central Europe

Intraocular-pressure (IOP) measurements are used to screen for ocular hypertension - a risk factor for glaucoma. This project will establish an IOP metrology centre of excellence, and ophthalmological measurement research capabilities, at CMI, Czech Republic. The centre will reflect the needs of Central Europe, creating a standardised market and allowing IOP instrument manufacturers to traceably validate devices, thereby improving glaucoma screening in the region.



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