



Eurachem

A Focus for Analytical Chemistry in Europe

Eurachem



***A focus for analytical chemistry and
quality related issues in Europe***



Introduction

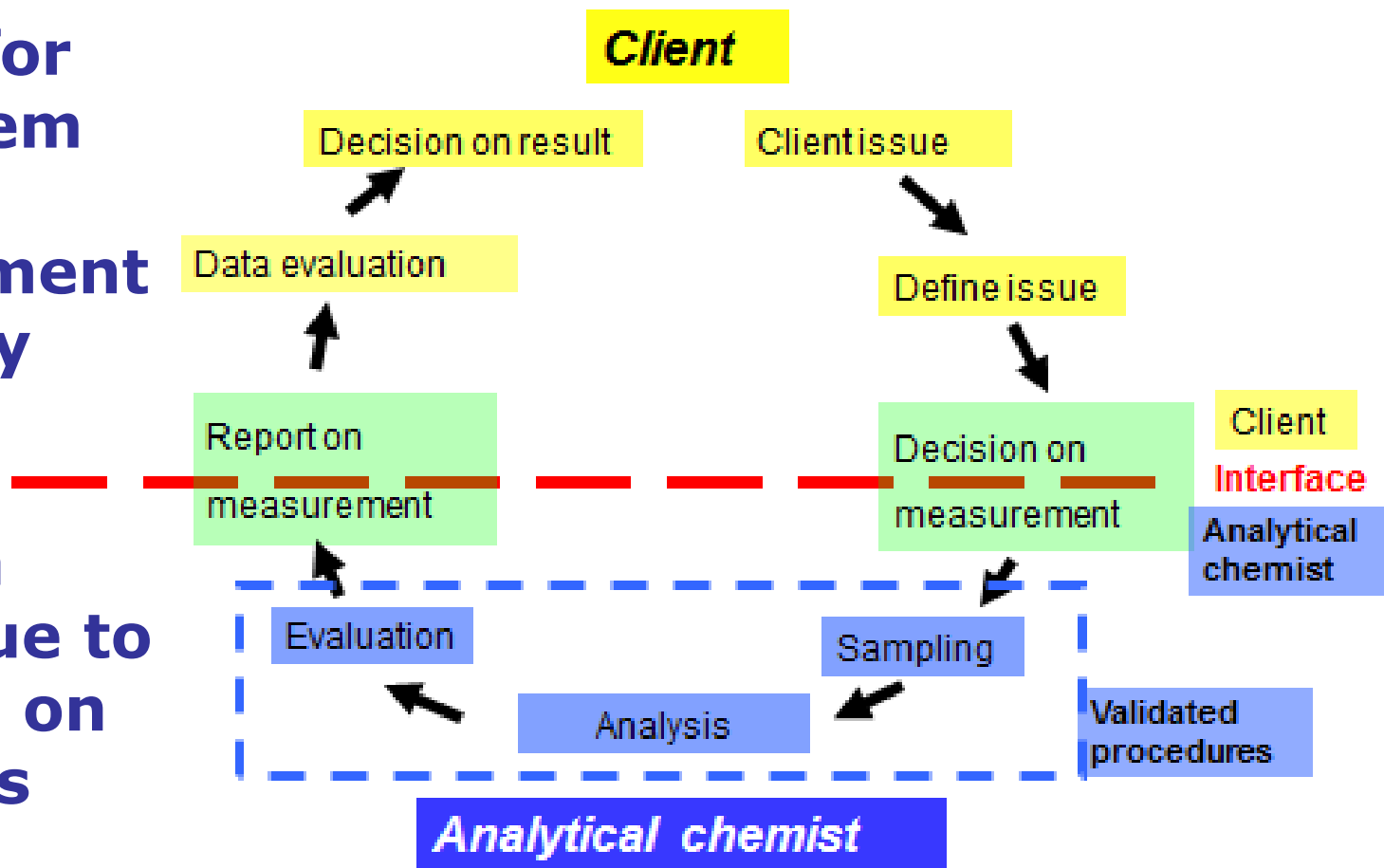
- Eurachem aims and membership
- Eurachem activities
- Recent and forthcoming activities
 - Guidance documents
 - Workshops



The measurement cycle

Focus for Eurachem is measurement quality

from client issue to decision on results





Eurachem membership



Members not shown on map



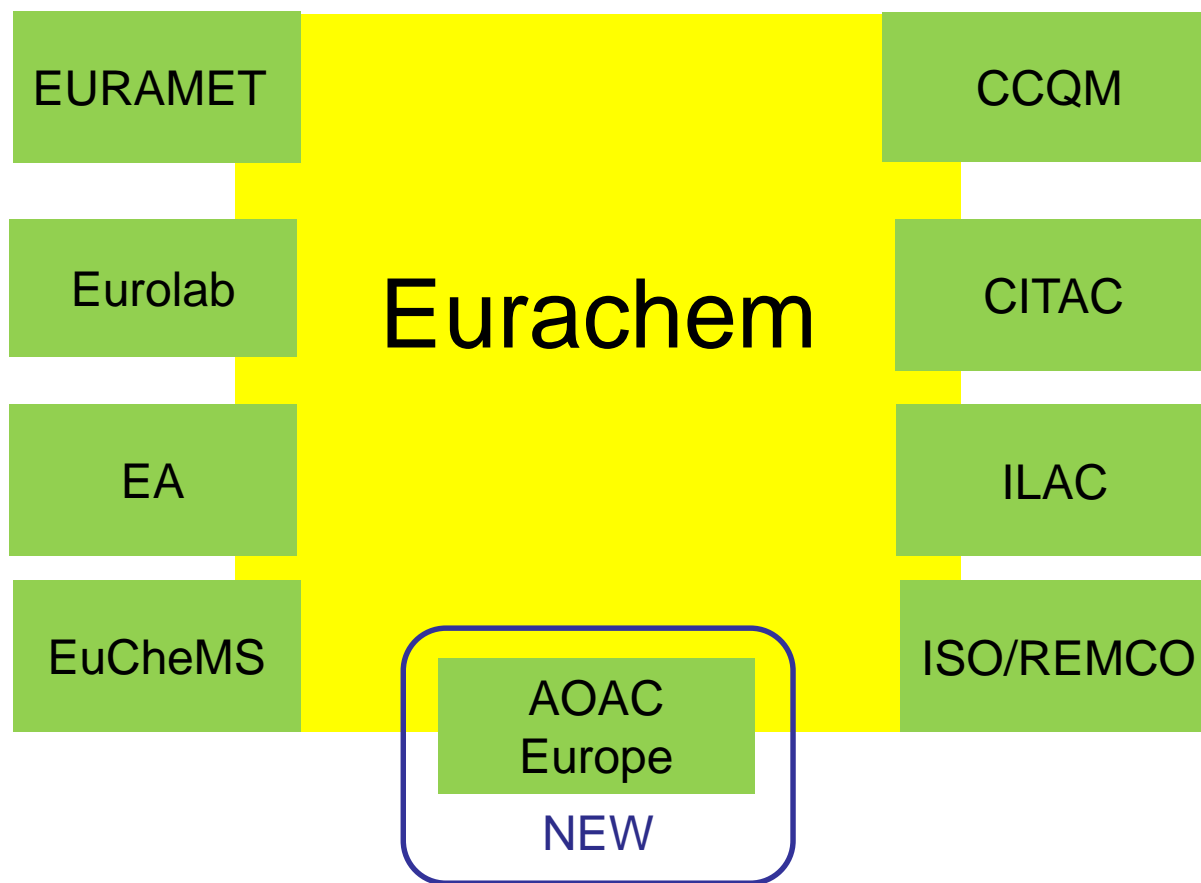
Cyprus



Georgia



Major cooperations





Activities

- Workshops and Training
 - International workshops on analytical QA issues
 - Hosted by members
- Guidance documents
 - Prepared by working groups
 - Disseminated via web and Secretariat
 - Translation and publication by members permitted

Upcoming Eurachem Activities

- *Uncertainty in Qualitative and Quantitative Analysis*
 - Workshop 29-30 May 2017, Nicosia, Cyprus
- General Assembly
 - 1-2 June 2017, Nicosia, Cyprus
- Eurachem PT Workshop
 - 9-12 October 2017, Portorož, Slovenia

Guidance Documents under revision

- The Selection and use of Reference Materials (2002)
- Accreditation for Chemical Laboratories (2002)
- Quality Assurance for R&D and Non-routine Analysis (1998)
- Traceability in Chemical Measurement (2003)

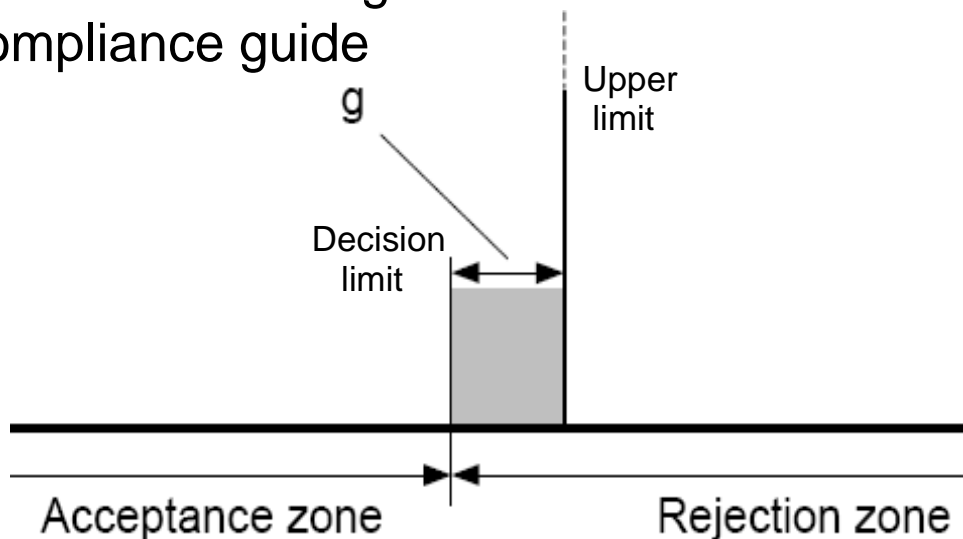
All Guides are currently available free of charge from www.eurachem.org and several translations are available. Guides are prepared by Eurachem or in cooperation with e.g. CITAC



Eurachem information leaflets

Leaflets are short briefing documents on a specific topic intended to inform a wide audience, including laboratory staff, managers and laboratory customers. Examples: traceability, proficiency testing, quality (uncertainty), compliance.

Leaflet introducing the compliance guide



Leaflet introducing the traceability guide



More information leaflets

- Proficiency testing (PT)
 - PT Schemes and other interlaboratory comparisons (2005)
 - How can PT help my laboratory? (2013)
 - Selecting the right PT scheme for my laboratory (2015)
 - Pre- and post-analytical PT (2009)

More information leaflets

- Measurement uncertainty and traceability
 - Information leaflet for lab customers concerning the quality of chemical analyses (2000)
 - Traceability of Analytical Results (2005)
 - Use of uncertainty information in compliance assessment (2009)
 - Using repeated measurements to improve the standard uncertainty (2015)
- Terminology
 - You talk, we understand – The way out of the tower of Babel



Current guidance activities

- Guides in preparation:
 - “Expressing uncertainty in qualitative analysis”

Administration 2016-2018

- Change of Chairs (2-year cycle)
 - Chair: David Milde (Czech Republic)
 - Vice chair: Marina Patriarca (Italy)
 - Past chair: Wolfhard Wegscheider (Austria)
- Secretariat
 - Eurachem Czech Republic
secretariat@eurachem.org
- Website: www.eurachem.org



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Eurachem Publications



Eurachem publishes guidance documents and information leaflets on a range of issues in quality and accreditation for analytical measurement.

Guides



Eurachem guides typically give detailed technical information about a topic. Guides usually include definitions of terms and concepts, practical advice on achieving quality objectives or requirements, and detailed technical information such as statistical methods, performance characteristics for analytical methods or information on typical uncertainties or performance. Guides often include practical examples. Eurachem Guides are normally aimed at laboratory staff responsible for quality in laboratories. Many Eurachem guides are cited by accreditation agencies as reference documents.

[See all Guides >>](#)

Eurachem on Social media

- Twitter
<https://twitter.com/eurachemeurope>



- Social sharing enabled on website

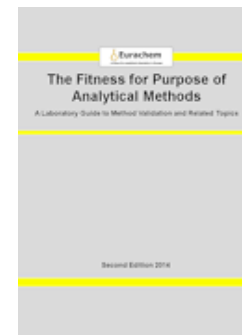


- **LinkedIn**
Closed Group for members
Posts on recent Eurachem news



Summary

- Continuing development of guidance
 - Latest guide:
Setting Target Measurement Uncertainty (2015)
- Continuing development of leaflets
- Recent international workshop
 - 2016: Method Validation – Current Practices and Future Challenges
- Next international workshop
 - October 2017: 9th International Workshop on Proficiency Testing, Portoroz, Slovenia





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Eurachem is people



25th Anniversary
GA 2014, Lisbon