

Introduction to Eurachem-UK

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RSC – Analytical Methods Committee

20th June 2006 - Warwick

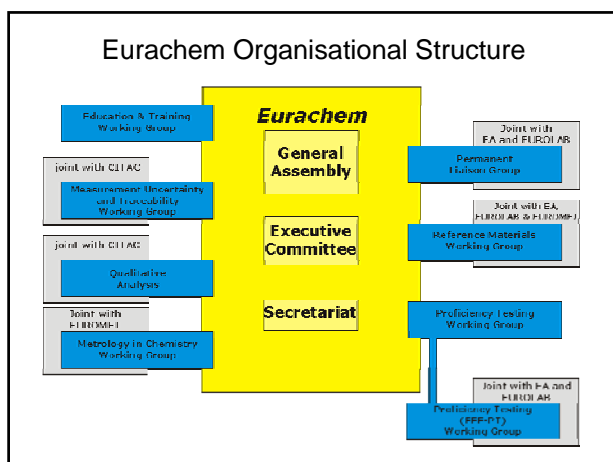
Eurachem – a little background

- **1980s** –
 - UK Government White Paper
 - International Comparability of Measurements
 - Section on chemical measurement
 - International discussions throughout Europe
- **1989**
 - July - Launch of Eurachem
- **1990s**
 - Establishment of collaborations
 - Definition of Work Programmes
- **2000 and beyond...**
 - Promotion of best practice in chemical measurement
 - Develop networks for international collaboration
 - Review and develop work programme

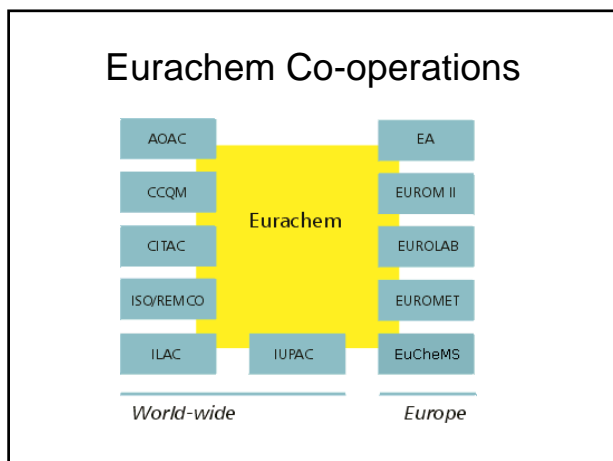
Working Groups

- Measurement Uncertainty & Traceability
- Reference Materials
- Education & Training
- Permanent Liaison
- Qualitative Analysis
- Proficiency Testing
- Uncertainty in Sampling

Eurachem Organisational Structure



Eurachem Co-operations



Eurachem Guides

- [Traceability in Chemical Measurement](#) (2003)
- [The Selection and use of Reference Materials](#) (2002)
- [Guide to Quality in Analytical Chemistry: An Aid to Accreditation](#) (2002)
- [Accreditation for Microbiological Laboratories](#) (2002)
- [Selection, Use and Interpretation of Proficiency Testing \(PT\) Schemes by Laboratories](#) (2000)
- [Quantifying Uncertainty in Analytical Measurement, 2nd Edition](#) (2000)
- [The Fitness for Purpose of Analytical Methods: A Laboratory Guide to Method Validation and Related Topics](#) (1998)
- [Harmonised Guidelines for the Use of Recovery Information in Analytical Measurements](#) (1998)
- [Quality Assurance for Research and Development and Non-routine Analysis](#) (1998)
- [Selection, Use and Interpretation of Proficiency Testing](#) (2000)

Eurachem Meeting Activities

- Annual General Assembly
- Executive Meetings (Biannual)
- Working Group Meetings
 - Examples:
 - Quality in Measurement –Training (Germany -1998)
 - Measurement Uncertainty (Finland -1999)
 - Proficiency Testing (Sweden - 2000)
 - Sampling (Portugal - 2001)
 - Reference Materials (Germany – 2000)
 - Intro' to Quality Systems (Istanbul 2006)

Chemical Measurement in the UK

- VAM Programme (LGC, NPL + others)
 - Wide range of measurement issues
 - VAM Bulletin / Website for dissemination
- RSC Analytical Methods Committee
 - Technical Briefs
 - Sub-committees for selected measurement topics

Eurachem & the UK

- Founding member (Alex Williams)
- Continuous activity in Organisation and Working Groups
- Chair – Dr Bernard King (1991-1993)
- Secretariat – LGC - (1989-1997)
- Chair – Dr Steve Ellison (2006-2008)

'Eurachem - UK'

- Currently hosted by RSC, AMC as sub-committee
- Alternative arrangements?
- Possible roles for 'Eurachem-UK'
 - Bring Eurachem Matters to national attention
 - Establish Interest Group
 - Raise UK Measurement issues with Eurachem
 - Raise Measurement Issues within Chemical community
 - Co-ordinating role where necessary
 - Organise / participate in awareness meetings
