



Instituto Português da **Q**ualidade



GOVERNO DE  
PORTUGAL

MINISTÉRIO DA ECONOMIA  
E DO EMPREGO

# TC-F: Flow

## Highlights 2012/2013

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TC-F Chair

**7<sup>th</sup> EURAMET General Assembly**

**May 2013**



# CMC

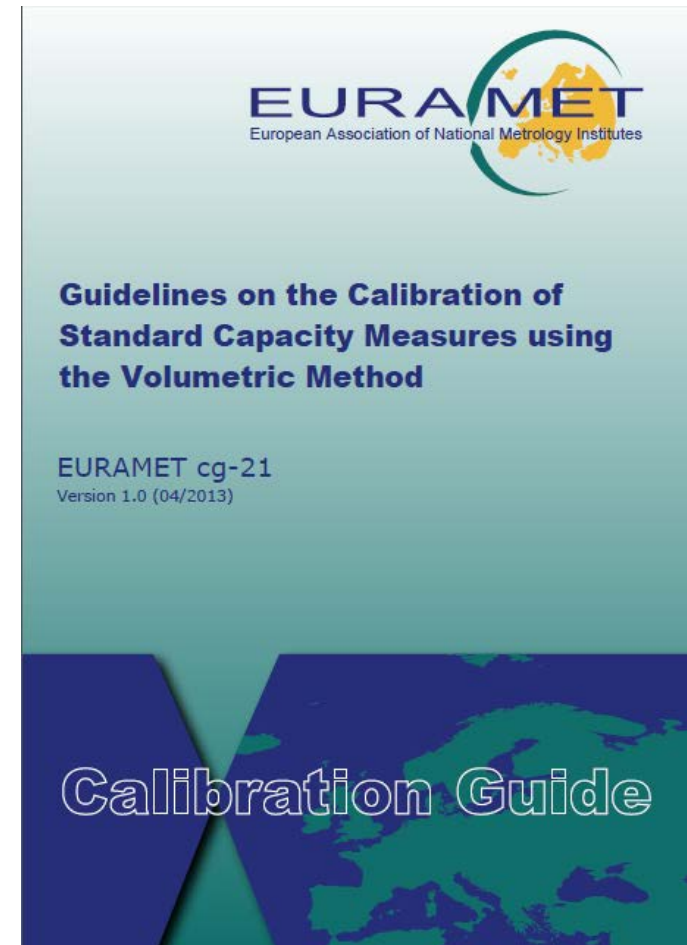
- The CMC TC-F process is now stabilized, a CMC revision group and procedure was created in 2012. Every year a new CMC call opens in December

Country	New CMC	Revised CMC	Deleted
Austria	2	25	
Czech Republic	10	4	
Finland	3		
France	5	14	22
Germany	7	23	2
Lithuania		8	
Hungary		8	
Netherlands	9	10	23
Serbia	13		
Slovakia		9	
Slovenia	4	6	
Sweden	3	19	23
Switzerland	2		
<b>TOTAL</b>	58	101	70

# GUIDES

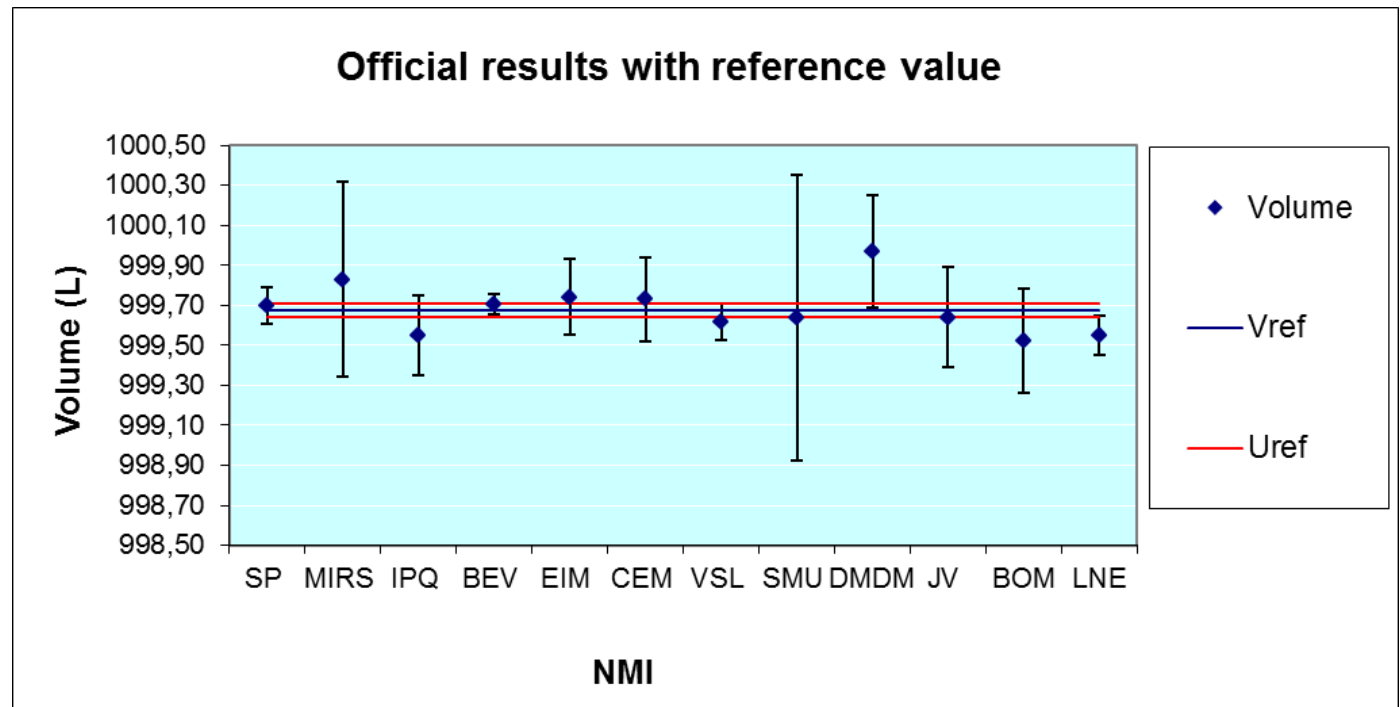
Publication of a new EURAMET calibration guide

- Guidelines on the Calibration of Standard Capacity Measures using the Volumetric Method- EURAMET cg -21



# COMPARISONS

- Four EURAMET projects were completed, one of them was Inter-comparison of 1000 L proving tank



## OTHER HIGHLIGHTS

- A TC-F EMRP task force was created in order to discuss the PRTs for the new call, 2013 Energy II and Environment II, about 10 PRT submitted in the field of fluid flow
- The LNG project received the EURAMET EMRP impact price
- New subgroup in fluid speed proposed to EURAMET



## FUTURE WORK

- Development of a WGFF CMC harmonized revision procedure.
- Development of two new guides, one on use and calibration of micropipettes and another on harmonization of the uncertainty budgets and calibration methods for liquid flow standards.
- To interview the participants of the first TC-F meeting in order to store the memories of our senior members.



Thank you!