



## EURAMET General Assembly Krakow, June 2015



## Scientific and Applied Metrology

183 CMC + 21 matrices

2 668 calibration and testing in 2014





RESEARCH &amp; INNOVATION

## EURAMET - EMRP

2009

- ENG05 Lighting - Metrology for Solid State Lighting: **IPQ**
  - Knowledge about emerging illuminating systems namely the Light Emitting Diodes was acquired



2010

- ENV05 OCEAN - Metrology for ocean salinity and acidity: **IPQ**
  - Development of a primary potentiometric pH procedure at higher ionic strength
- IND04 MetroMetal - Ionising Radiation Metrology for the Metallurgical Industry  
**IST/LMRI**

2011

- HLT07 MeDD - Metrology for drug delivery: **IPQ**
  - New primary system for microflow measurement developed
- SIB10 NOTED - Novel Techniques for Traceable Temperature Dissemination: **IPQ**
- SIB06 BioQuaRT "Biologically weighted quantities in radiotherapy: **IST/LMRI**



## 2012

- SIB58 Angles - Angle metrology: **IPQ**
- SIB60 Surveying - Metrology for long distance surveying: **IPQ**
- IND57 MetroNORM – Metrology for processing materials with high natural radioactivity: **IST/LMRI**



## 2013

- ENG59 NNL - Sensor development and calibration method for inline detection of viscosity and solids content of non-Newtonian fluids: **IPQ + FCUL + FCT-UNL**



## 2014 - Industry

- SRT-i25 Industrial standards in the intermediate pressure-to-vacuum range: **IPQ + FCT-UNL**

## 2014 - Research Potential

- SRT-r01 Towards the propagation of ac quantum voltage standards: **IPQ + FCT-UNL**
- SRT-r02 Traceable calibration of dynamic weighing instruments: **IPQ**
- SRT-r03 Absorbed dose in water and air: **IST-LMRI**

