



**PRIVREDNA KOMORA SRBIJE**  
**CHAMBER OF COMMERCE AND INDUSTRY OF SERBIA**

**Sastanak ovlašćenih tela za overavanje vodomera i merila toplotne energije**

# **Grupacija za metrologiju u metrološkom sistemu Srbije**

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**Privredna komora Srbije, 7. decembar 2015.**



## SADRŽAJ

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- Infrastruktura kvaliteta u Republici Srbiji
- Metrološki sistem u Republici Srbiji
- UATOU PKS
- Grupacija za metrologiju
- Ostvarenja Grupacije u prethodnom periodu
- Planovi Grupacije za 2016.

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## **INFRASTRUKTURA KVALITETA U REPUBLICI SRBIJI**

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- Metrologija
- Standardizacija
- Akreditacija
- Ocenjivanje usaglašenosti

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## METROLOŠKI SISTEM U REPUBLICI SRBIJI

### ■ Osnovni subjekti

- Ministarstvo privrede
- Direkcija za mere i dragocene metale
- Metrološki savet

### ■ Ostali subjekti

- Nosioci nacionalnih etalona
- Ovlašćena tela za overavanje merila
- Akreditovane laboratorije za etaloniranje
- Imenovana tela za ocenjivanje usaglašenosti merila

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## UATOU PKS

### ■ Državne institucije

- Metrologija - DMDM
- Standardizacija - ISS
- Akreditacija - ATS

### ■ Privredni subjekti

- Ocenjivanje usaglašenosti - TOU

→ Potreba za udruživanjem TOU

### Sastanak ovlašćenih tela za overavanje vodomera i merila toplotne energije





## **UATOU PKS**

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- Inicijativa za formiranje 2013.
- Početak rada 2014.
- Članstvo (preko 500 TOU)
- Odbor čine 27 ravnomerno zastupljenih TOU
- Formirane grupacije
  - Grupacija za metrologiju
  - Grupacija sertifikacionih tela

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## GRUPACIJA ZA METROLOGIJU

- Inicijativa, formiranje i početak rada 2014.
- Članstvo
  - Ovlašćena tela za overavanje merila (72)
  - Akreditovane laboratorije za etaloniranje (52)
  - Imenovana tela za ocenjivanje usaglašenosti merila (0)
  - DMDM
- Aktivno 25 tela, ravnomerna zastupljenost
- Znanja i iskustva
  - Privredni subjekti + državni organ + PKS
  - 2/4 stuba IK (metrologija + ocenjivanje usaglašenosti)

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## OSTVARENJA GRUPACIJE U PRETHODNOM PERIODU

- Rešavanje problema PT provajdinga i priznavanje međulaboratorijskih poređenja
- Uspostavljena saradnja sa ATS-om radi rešavanja tekućih problema (ubrzavanje procesa i skraćenje rokova, ujednačenost kriterijuma, poverljivost)
- Uspostavljena saradnja sa DMDM (edukacija, razmena iskustava, priprema metroloških propisa)
- Međunarodna saradnja (EUROCAL)

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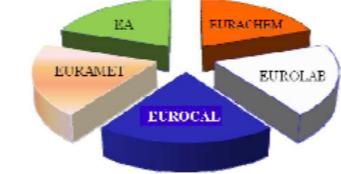
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## OSTVARENJA GRUPACIJE U PRETHODNOM PERIODU

### EUROPEAN COOPERATION OF CALIBRATION LABORATORIES



**Eurocal –**  
The European Cooperation of Calibration Laboratories started on 23rd October 2012 to strengthen the calibration sector.  
EUROCAL aims at realising an information exchange and cooperation between national associations of calibration laboratories dealing with calibration.  
Membership is open to all interested national European groups dealing with calibration.  
EUROCAL represents more than 700 accredited calibration labs from four countries at present.



EUROCAL – the fifth European institution to support calibration labs



Signing of the EUROCAL agreement by ČKS, DKD and KZSR on 23rd October 2012 in Štátní Dvůr (Czech Republic)



Accession to EUROCAL by the Serbian Metrology Group hosted by the Chamber of Commerce and Industry of Serbia, 26th March 2013



**PREAMBLE**  
We believe in the importance of rules and regulations for mutual accreditation in the European & International markets. Therefore, the following associations of calibration laboratories decided to establish a new European institution to support calibration labs from four countries at present.

The European Calibration Association (Eurocal) was established on 23rd October 2012 in Štátní Dvůr (Czech Republic) by the following associations of calibration laboratories: Český metrologický institut (ČKS), Deutsches Kalibrierinstitut (DKD), Institut für Standardisierte Prüfverfahren und Messmethoden (IPM) and Kroatiska Zavodom za Standardizaciju i Kalibraciju (KZSR).

This document is the outcome of the meeting of Eurocal members on 23rd October 2012.

**GOALS & ACTIONS**  
1.1. To establish a European institution to support calibration labs from four countries at present.  
1.2. To establish a European institution to support calibration labs from four countries at present.  
1.3. To establish a European institution to support calibration labs from four countries at present.  
1.4. To establish a European institution to support calibration labs from four countries at present.  
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1.9. To establish a European institution to support calibration labs from four countries at present.  
1.10. To establish a European institution to support calibration labs from four countries at present.

Supported by:



Directorate of Measures and Precious Metals



Strojarski Inštitut Metriologije

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Privredna komora Srbije, 7. decembar 2015.



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## OSTVARENJA GRUPACIJE U PRETHODNOM PERIODU



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## PLANNOVI GRUPACIJE ZA 2016.

- Produbljivanje saradnje sa DMDM, ATS, ISS, MP
- Učešće u radu na pripremi i tumačenju propisa
- Edukacija članova, studijska putovanja, posete sajmovima
- Kontakti sa privrednicima i njihova edukacija
- Smanjivanje sive ekonomije i prevencija prevara u poslovanju
- Proširenje regionalne i međunarodne saradnje
- Promocija usluga na stranim tržištima

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[www.pks.rs](http://www.pks.rs)

