

*"The way forward for the Eurocodes implementation in the Balkans"*

*10-11 October 2018, Tirana*

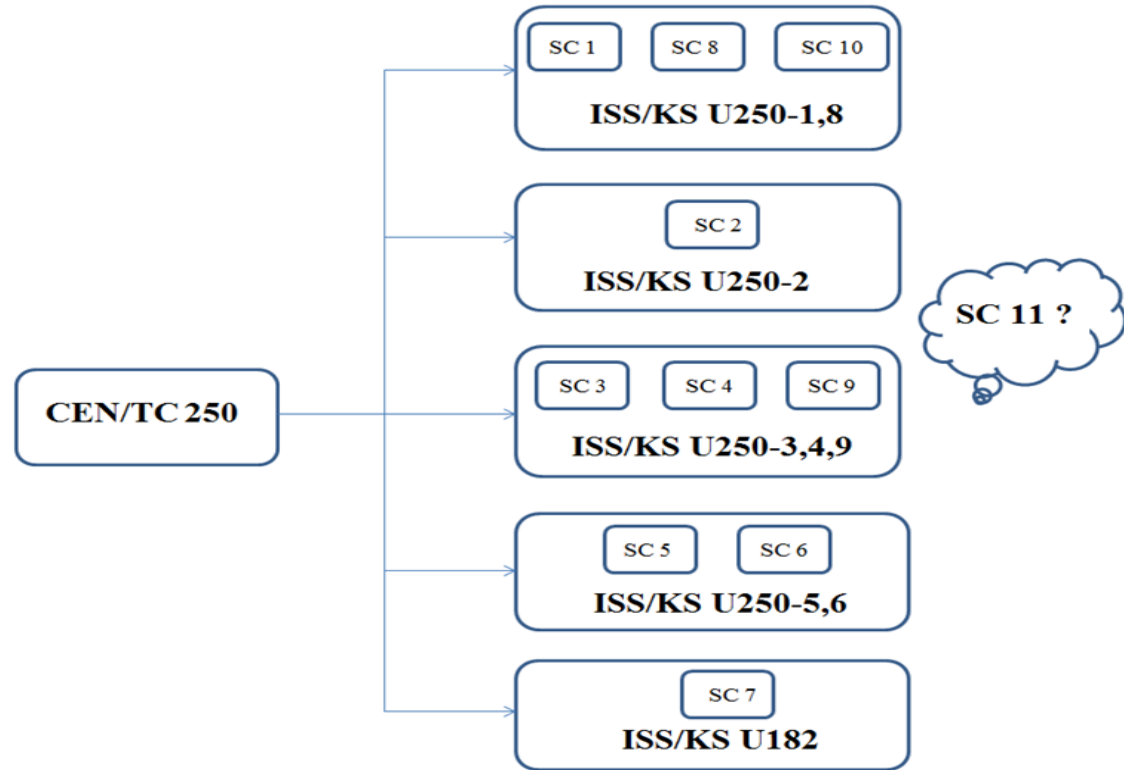
## Country report: Republic of Serbia



**Jelena Skoković**  
**Senior Standardization**  
**Manager**

# Distribution of Eurocodes in national TCs

- 5 national mirror committees
- 38 experts

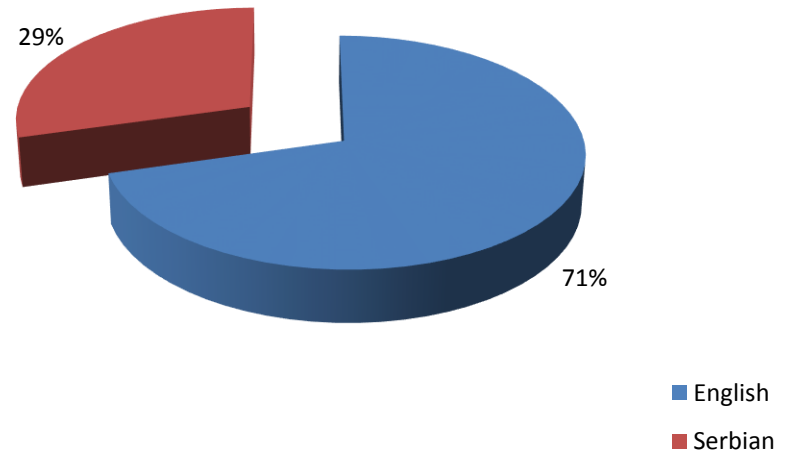


# Overview on Eurocodes implementation at national level

## ISS/KS U250-1,8

*Stakeholders in TC:*  
3 Faculties, 2 private organizations, 1 public organization (7 members)

All EC 1, EC 8 and EC 10 standards and NAs are adopted.



# Overview on Eurocodes implementation at national level

Electronic collection of the EC 1 standards includes standards on Serbian language and unauthorized translations of standards.



## Zbirka – Evrokod 1 – Dejstva na konstrukcije

Zbirka – Evrokod 1 – Dejstva na konstrukcije

5,542.00 RSD

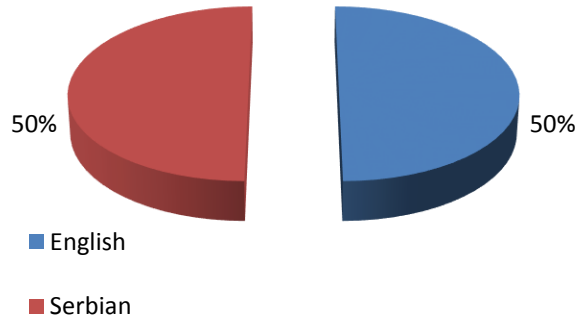


# Overview on Eurocodes implementation at national level

**ISS/KS U250-2**

*Stakeholders in TC:*

3 Faculties, 1 research organization  
(9 members)



- All EC 2 standards and NAs are adopted.
- EN 1992-4:2018 and accompanying CEN/TRs will be published by the end of October.
- Preparation of unauthorized translations of standards - in progress.

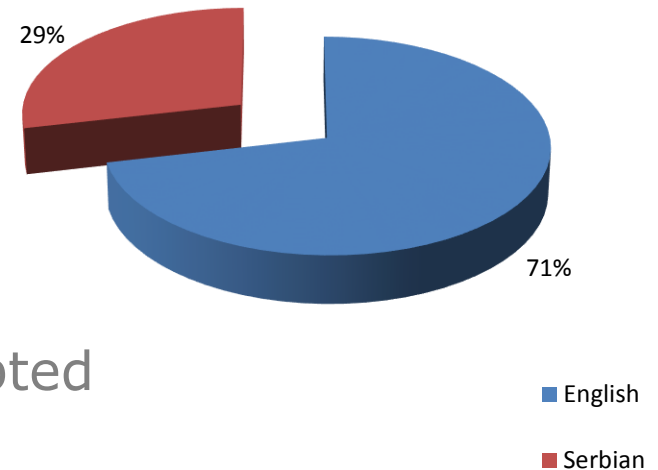
# Overview on Eurocodes implementation at national level

## ISS/KS U250-5,6

*Stakeholders in TC:*

3 Faculties (5 members)

- All EC 5 and EC 6 standards are adopted
- NAs for EC5 – published
- NAs for EC6 – 2 approved, 2 prepared for public enquiry



# Overview on Eurocodes implementation at national level



## Zbirka – Evrokod 5 – Projektovanje drvenih konstrukcija

Zbirka – Evrokod 5 – Projektovanje drvenih konstrukcija

3,637.00 RSD



Add to Cart



## Zbirka – Evrokod 6 – Projektovanje zidanih konstrukcija

Zbirka – Evrokod 6 – Projektovanje zidanih konstrukcija

3,871.00 RSD

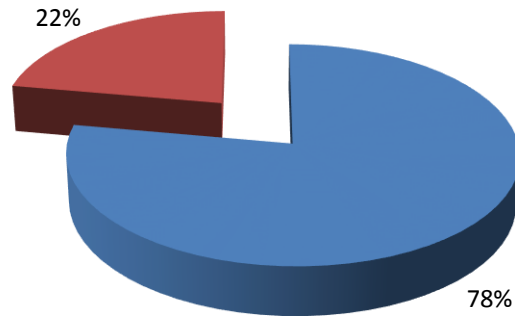


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Electronic collections of the EC 5 and EC 6 standards include standards on Serbian language and unauthorized translations of standards.

# Overview on Eurocodes implementation at national level

**ISS/KS U250-3,4,9**



■ English  
■ Serbian

*Stakeholders in TC:*  
2 Faculties, 3 private  
organization (9 members)

- All EC 3,4,9 standards and NAs are adopted.
- Preparation of unauthorized translations of standards - in progress.



# Overview on Eurocodes implementation at national level

## ISS/KS U182

*Stakeholders in TC:*

3 Faculties, 4 Research institutions (8 members)

- All EC 7 standards are adopted in English.
- NAs in preparation phase.

Adoption of EN 1997-1 translation – in progress.

Preparation of unauthorized translation for EN 1997-2 – in progress.

# The way forward for the Eurocodes implementation

## Priorities:

- finishing the work on unauthorized EC translations;
- completing NAs;
- following the further development of existing Eurocodes as well as the development of new ones;
- participation in the development of second generation of ECs by commenting on working drafts of standard.

# Current design practice

Design practice is based on „old“ regulation, so pure national standards are still in use.

The Ministry of Construction, Transport and Infrastructure has established the working group for preparation of the proposal for Rulebook on Eurocodes implementation in national legal framework.

In last few years, the application of Eurocodes exists in design practice.



## Current design practice

The most important infrastructure projects are designed by Eurocodes

- **Ada Bridge in Belgrade**
- **Belgrade Waterfront Tower**
- **New Rail and Road Bridge in Novi Sad**

# Current design practice

- In some cases, Ministry of Construction, Transport and Infrastructure requests the parallel design of structure according to Eurocodes and regulation based on pure Serbian standards.
  - **For the most important infrastructure projects, public companies usually request parallel design according to both standards.**
- Almost all foreign companies request the parallel design of structure according to Eurocodes and Serbian standards.

# Obstacles and advantages for the implementation of the Eurocodes in the national regulatory framework

## *Obstacles:*

- Law on construction products represents the legal framework for the implementation of the Eurocodes in regulatory framework and it is not yet approved by National Assembly.
- Laboratory capacities (e.g. for fire testing)
- Significant number of rulebooks needs reviewing and harmonization with Eurocodes (lack of human resource)

# Obstacles and advantages for the implementation of the Eurocodes in the national regulatory framework

## *Advantages:*

- Harmonization with EU legal framework
- Free movement of goods
- Common technical language
- No need for double checking

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**Thank you for your attention!**

***Stay in touch***



***<http://eurocodes.jrc.ec.europa.eu/>***