

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

10-11 October 2018, Tirana

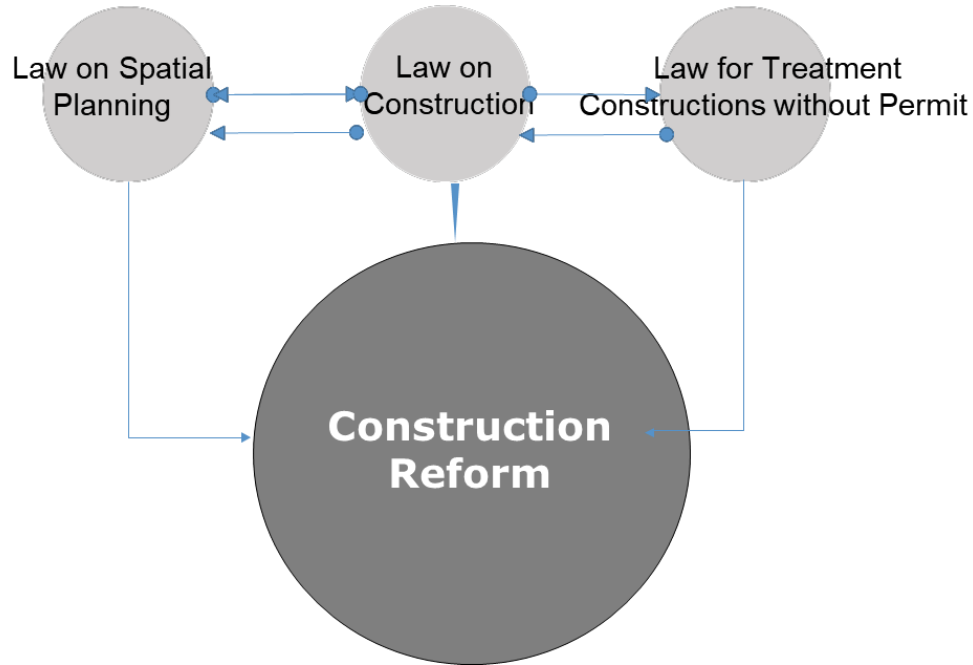
Country report: Kosovo

Merita Behluli

**Eurocode Technical Committee
Kosovo - KSA**

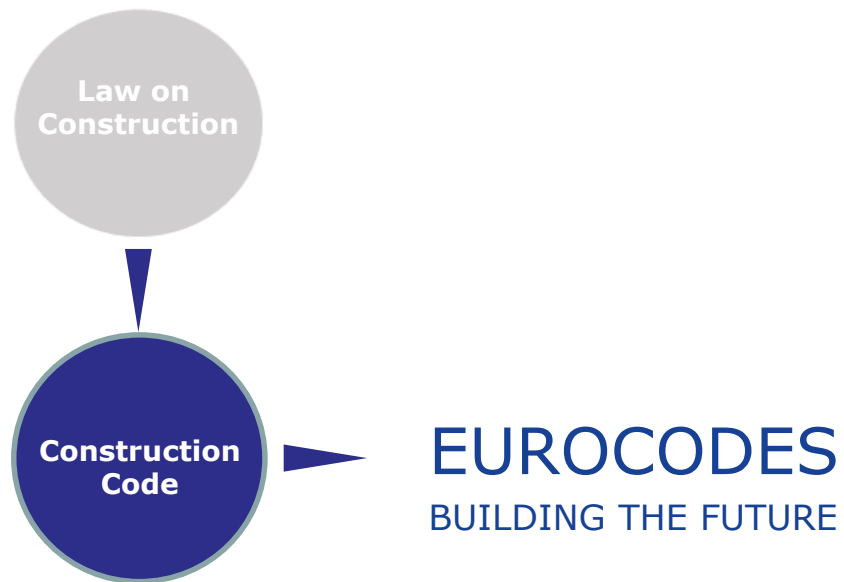
Kosovo - Construction Reforms

2013 - Ministry of Environment and Spatial Planning



Kosovo-Construction Reforms

Construction Code



Ministry of Environment and Spatial Planning responsible for Construction Reforms, which includes development of the Unified Kosovo Construction Code;



Kosovo-Construction Reforms

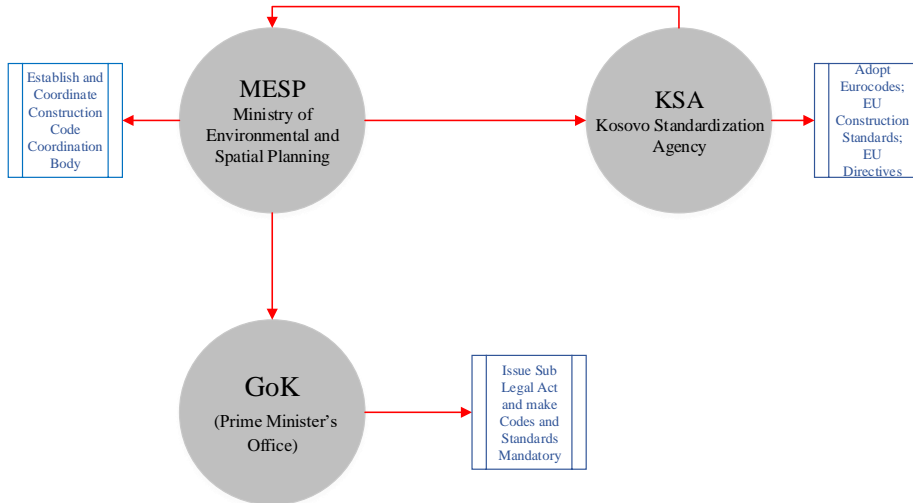
Ministry of Spatial Planning (MESP) and Ministry of Trade and Industry (MTI)

PROPOSED UNIFIED CONSTRUCTION CODE ADOPTION STRATEGY

MESP

MTI

- Adopt work order
- Establish Construction Code Coordination Body/Identify Eurocodes; EU standards and EU directives/
- Eurocodes and referenced Standards Adoption
- Development of National Parameters and National Annexes
- Adoption on GoK of the Technical Regulations / Eurocodes; National Annexes; Construction standards; /



Kosovo Standardization Agency (KSA)

Agreement with Albanian General Directorate of Standardization

Kosovo-4-Step Process of Eurocode Adoption

Step 1

Technical
Committee for
Eurocodes
Established by
KSA

Step 4

Eurocodes
standards in the
National
Construction
Code



Step 2

Purchasing
Eurocodes from
General
Directorate of
Standardization –
Albania

Step 3

Development of
the National
Annexes

Kosovo-Eurocode Technical Committee KSA-TC19

2016 - KSA-TC19

(Europe – 1989 CEN/TC 250)

9 Members, representatives from:
Ministry of Environment and Spatial Planning (MESP); Kosovo Standardization Agency (KSA); Kosovo Geological Service (KGS); Hydro-meteorological Institute of Kosovo (HMI); Academia; Chamber of Commerce and Design and Construction Sector.



Kosovo-Eurocode Technical Committee KSA-TC19

2016

All 59 EN Eurocodes Parts are published by KSA as Kosovo standards (SK Standards) due to the cooperation with DGS of Albania;

Attended Skopje Workshop;

Visited JRC;

Become part of JRC database;



Kosovo-ROADMAP FOR ADOPTION, IMPLEMENTATION AND PROMOTION OF THE EUROCODES

2017-MESP through USAID project support developed a detailed

ROADMAP FOR FACILITATING THE PROCESS OF ADOPTION, IMPLEMENTATION AND PROMOTION OF THE EUROCODES.

CHALLENGE, none of NDPs and NA are elaborated; not all harmonized EN standards (product, material, test and execution standards) are adopted and published as SK standards; Insufficient institutional capacities for elaboration of NDPs and NAs

Kosovo-ROADMAP FOR ADOPTION, IMPLEMENTATION AND PROMOTION OF THE EUROCODES

1. List of potential Eurocode parts which could be transposed to Kosovo standard by using the recommended values provided by the Eurocodes;

2. Sample of a National Foreword and/or National Annex templates

3. Identification of Nationally Determined Parameters with no recommend values by Eurocodes, and propose a roadmap for their elaboration

4. An assessment of the current environment in Kosovo for the capacities to implement Eurocodes

Kosovo-Eurocode Technical Committee KSA-TC19

ACTIVITIES 21

Refinement of the organizational structure of KT19 to match the CEN/TC 250 structure
Elaboration and publishing of NAs of the SK EN parts where all NDPs have RV, as SK standards
Publish EN Eurocodes related standards (missing in KSA Standards catalogue) as Kosovo standards
Initiation of debate about draft seismic hazard maps as a part of the NA of SK EN1998-1:2004/A1:2016
Prioritizing elaboration of NDPs and SK NAs of the SK EN parts
Agreement of cooperation between National Authorities who are responsible for enforcement of standards and regulations and stakeholders in charge of elaborating the SK NAs

Comparative analysis of the uploaded NDPs in the JRC Eurocode NDPs database
Facilitation of regional collaboration for definition of NDPs within climatic maps and cross-border harmonization of seismic hazards and climatic maps
Elaboration of NA to SK EN1998-1:2004/A1:2016 and publishing as Kosovo standard
Elaboration of NAs to SK EN1991-1-3:2014; SK EN 1991-1-4:2005/AC:2016; SK EN 1991-1-5:2003/AC:2016 and publishing as SK standards
Elaboration of NAs with priority 1, 2 and 3 (See short-term activity no. 5) and publishing as Kosovo standards
Update the University curricula on Eurocodes and associated topics
Develop a programme of seminars and training for implementation of the EN Eurocodes in every day engineering practice
Creation of national regulatory framework for application of EN Eurocodes and NAs published as Kosovo standards
Introduction in the national legal framework compulsory seismic microzonation for Category III constructions
Establish a task force/working group to ensure the link between legislation on construction and construction products and EN standards (particular EN Eurocodes)

Elaboration of the NAs with priority 4 and 5 (See short-term activity no. 5) and publication as Kosovo standards
Update the regulatory framework with published SK EN standards (as defined in the activity above under long-term measures)
Exploring possibilities for support projects which would link Kosovo institutions with the respective institutions in EU_MS for revision of elaborated NDPs and SK NAs
Maintaining the existing Eurocodes (follow-up of the corrigendum, amendments, withdrawing of the standards etc.)
Increase awareness of the National Authorities and KSA to keep pace with the coming-up of a second generation of the Eurocodes

Kosovo-Eurocode Technical Committee KSA-TC19

2018 UNDERTAKEN ACTIVITIES

REFINEMENT OF THE
ORGANIZATIONAL STRUCTURE OF
TC19 TO MATCH THE CEN/TC 250
STRUCTURE

Open call for professionals to become
members of Eurocode Sub
Committees

Refined organization structure of KT 19 – proposal

KT 19 Committee per Eurocodes
Chairman: Arben Ajazi
Secretary: Bujar Istogu

KT 19 Sub Committees

SC 0 EN 1990 - Basis of structural design

SC 5 EN 1995–Design of Timber Structures

SC 1 EN 1991 – Actions on structures

SC 6 EN 1996–Design of Masonry Structures

SC 2 EN 1992–Design of Concrete Structures

SC 7 EN 1997–Geotechnical Design

SC 3 EN 1993 – Design of Steel Structures

SC 8 EN 1998–Design of Structures for
Earthquake Resistance

SC 4 EN 1994 – Design of Composite Steel
and Concrete Structures

SC 9 EN 1999–Design of Aluminum Structures

Kosovo-Eurocode Technical Committee KSA-TC19

2018 UNDERTAKEN ACTIVITIES

INVOLVEMENT OF KNOWLEDGEABLE
PROFESSIONALS IN THE PROCESS

Workshop with professional
community representatives

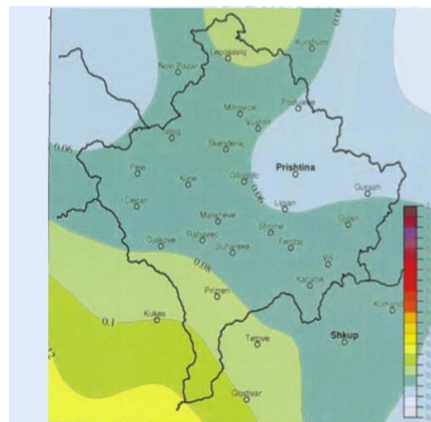


Kosovo-Eurocode Technical Committee KSA-TC19

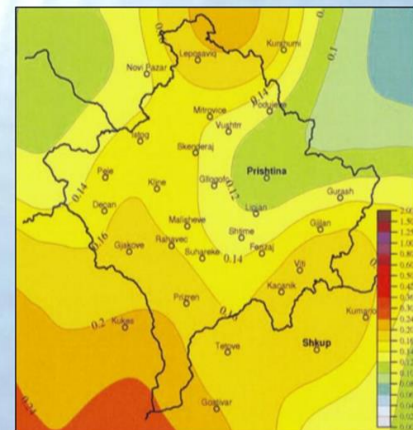
2018 UNDERTAKEN ACTIVITIES

Agreement with Kosovo Geological Service (KGS) to organize presentation of the Draft Seismic hazard maps (draft) elaborated by GSAK in collaboration with experts from Albania

Agreement with EU office in Kosovo for potential support with Twinning project in 2019



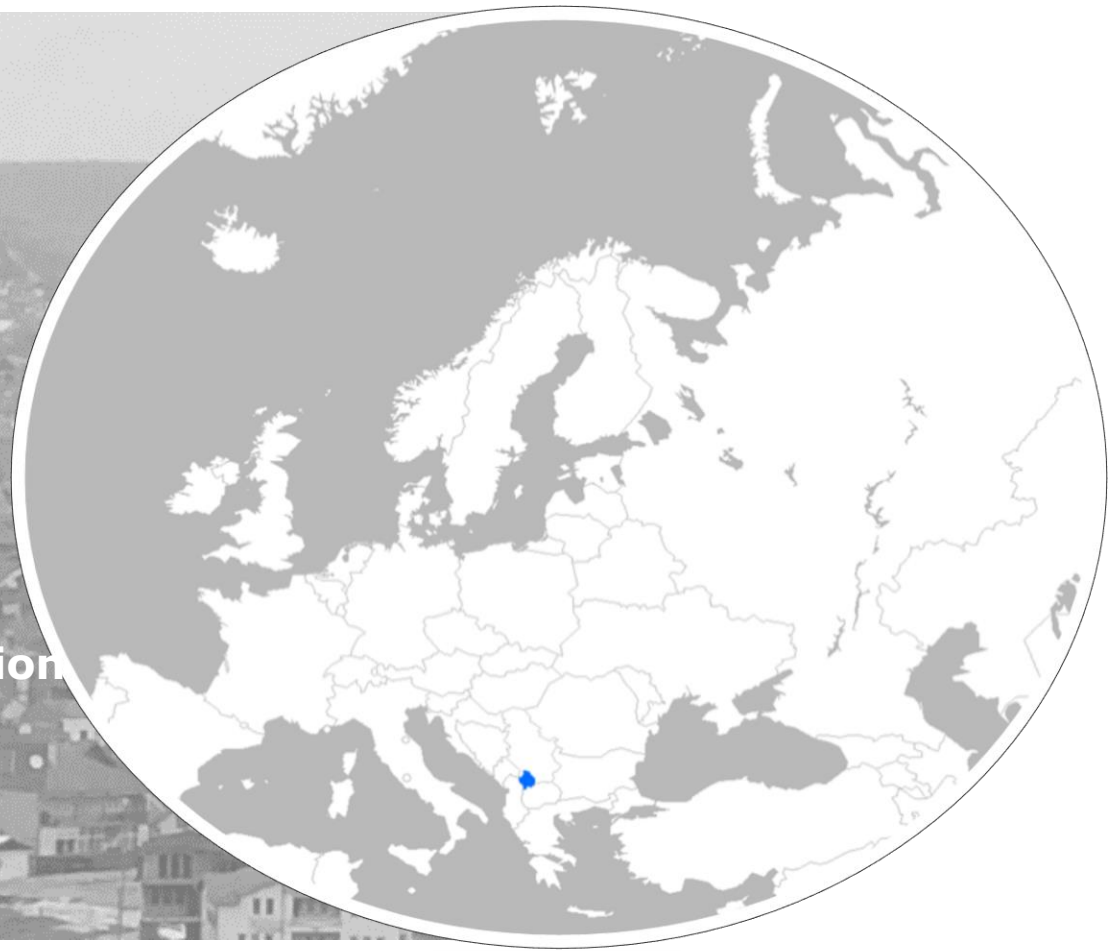
22/10/2015



**KOSOVO is open towards EU
standards and norms**

**KOSOVO is open for regional
collaboration**

**KOSOVO is Ready for full
membership to CEN organization**



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Thank you for your attention!

Stay in touch



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