



European Council
of
Civil Engineers

***"Enhancing the involvement of ECCE members in
continuing education activities related to the
implementation of structural Eurocodes"***

**Phase I: Survey on the state-of-the art of
implementation of the Eurocode
in the respective country**

REPORT 1/2012 of SC E&T

**ECCE Standing Committee on
Education & Training
Chairman, Prof. Iacint Manoliu**

May 2012

EXECUTIVE SUMMARY

The Structural Eurocode programme comprises 10 standards (EN 1990 ... EN 1999), having in total 58 parts (Comité Européen pour la Normalisation”).

Once the Eurocodes (and parts of Eurocodes) were approved by CEN, they were adopted also as national standards and, if the case, translated. For each part, a National Annex had to be elaborated.

The National Annex may only contain information on those parameters which are left open in the Eurocode for national choice, known as Nationally Determined Parameters, to be used for the design of buildings and civil engineering works to be constructed in the country concerned.

It may also contain the following:

- *decision on the application of informative annexes,*
- *reference to non-contradictory complementary information to assist the user in applying the Eurocode.*

The implementation of Eurocodes started in each country with a “*coexistence period*” with existing national codes. According to the time table established by CEN, on 1st April 2010 the “*coexistence period*” was supposed to end and all existing codes conflicting with the Eurocodes should have been withdrawn.

Considering the importance of the subject, in its meeting held in Antalya on 28 October 2011, the ECCE Standing Committee on Education & Training included in the activity plan for 2012 the elaboration of a study named “*Enhancing the involvement of ECCE members in continuing education activities related to the implementation of structural Eurocodes*”.

For the first phase of the study, to be discussed and concluded at the 2012 spring meeting of ECCE in Vilnius, was proposed a “*Survey on the state-of-the art of implementation of the Eurocodes in the respective country*”.

For the survey, a questionnaire with 6 questions was prepared and sent to all ECCE members from countries which are members of CEN. Answers were received from 13 ECCE members.

It is hoped that in the weeks immediately following the Vilnius meeting, answers to the questionnaire will be also obtained from the ECCE members which did not contribute so far. Then, the time until the 56th ECCE meeting in Dubrovnik will be used by the SC on E&T to review the activities undertaken in ECCE members countries for the implementation of Eurocodes and also for the preparation of a second generation of Eurocodes, expected to be completed by 2018.

Answers for the survey were received from:

Country	ECCE member	Respondent
RO	UAICR – Union Associations of Civil Engineers Romania	Iacint Manoliu
FR	Ingenieur et Scientifiques de France	Jean-Francois Costa
CY	Cyprus Council of Civil Engineers	Nicos Stylianou
HU	Hungarian Chamber of Engineers	Gabor Szollossy
IT	Consiglio Nazionale degli Ingegneri	Hansjorg Letzner
PL	Polish Chamber of Civil Engineers	Zygmunt Meyer
IE	Engineers Ireland	John Power
SE	Slovenian Chamber of Engineers	Branko Zadnik
MT	Malta Association of Civil Engineers	Alex Torpiano
PT	Ordem dos Engenheiros	Jose G. F. Mendes
CZ	Czech Chamber of Chartered Engineers and Technicians	Alois Materna
LV	Latvia Associations of Civil Engineers	Helena Endriksone

Questions and synthesis of answers

Question	Answers
1. The system of structural Eurocodes comprises 10 Eurocodes with a total number of 58 parts.	<ul style="list-style-type: none"> • The process of translating parts or sub-parts of Eurocodes is practically completed • The preparation of National Annexes is almost completed in 8 countries, in its halfway in 2 countries and just started in 3 countries • The translation of the National Annexes is in an incipient phase
2. The system of structural Eurocodes comprises 10 Eurocodes with a total number of 58 parts.	In most cases in 2012
3. If not all the parts of the Eurocodes have already National Annexes prepared and translated, when is anticipated to be completed this process?	In 7 out of 13 countries, Eurocodes are going to be used in combination with national codes
4. The Eurocodes adopted as national codes and translated are going to be used independently or in combination with national codes (standards, regulations), adapted in order to not contradict with Eurocodes and to assist the designer in the use of Eurocodes. Which of the two approaches is used in your country?	<p>Yes in 9 countries, beginning in 2007</p> <p>No in 4 countries</p> <p>The implementation is foreseen for 2013</p>
5. Is already the system of Eurocodes used in your country for the design of structures?	In majority of cases National Standard Organization and Ministry of Public Works or similar