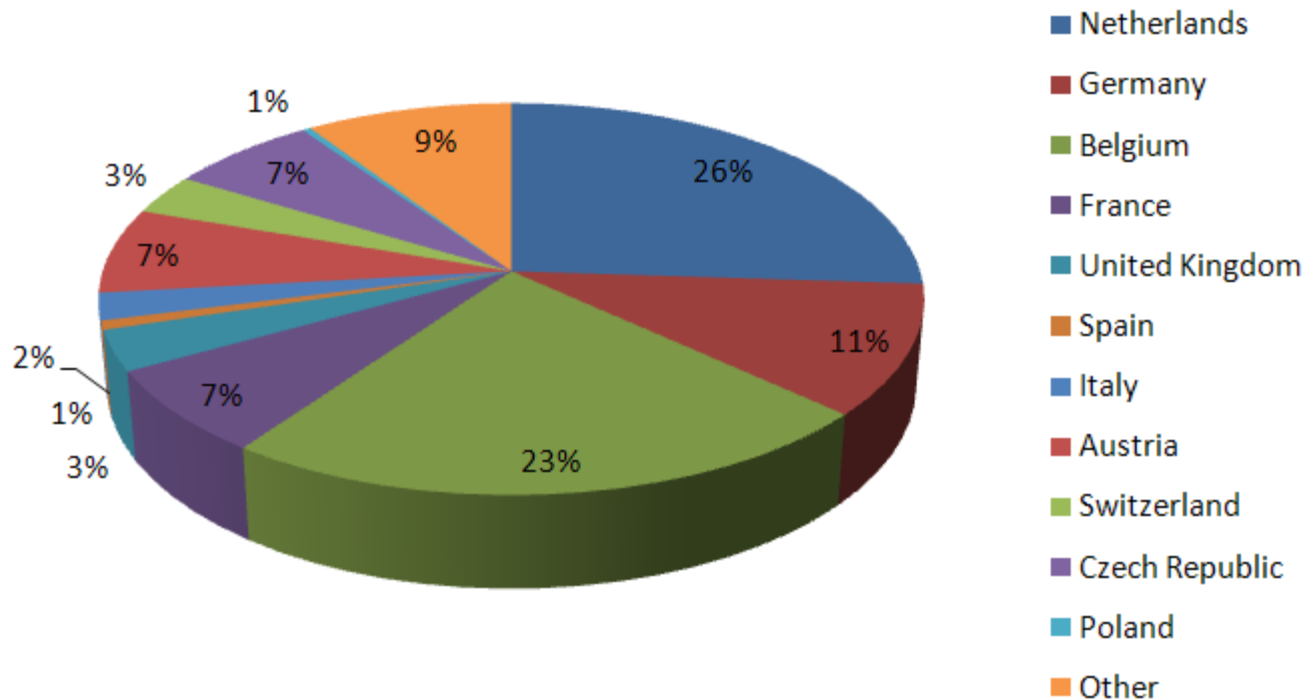


Results Eurocode Survey

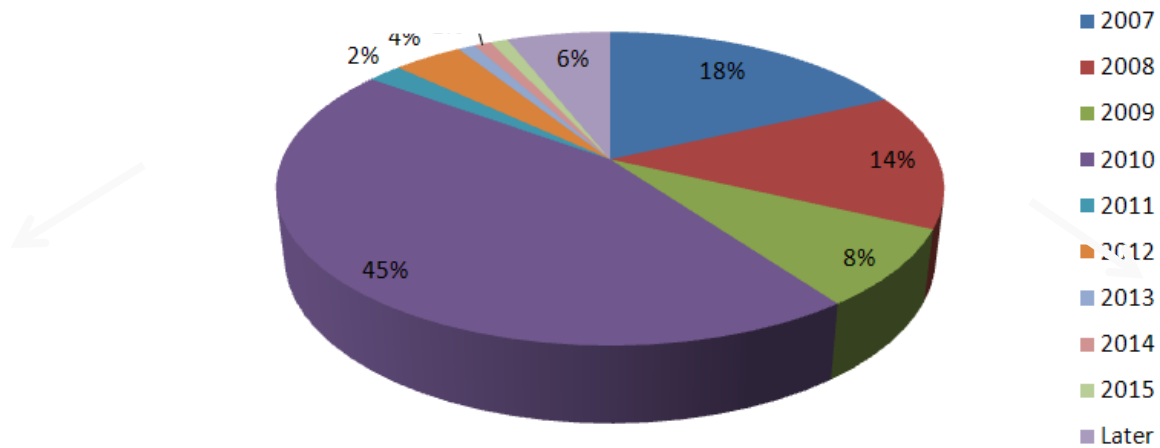
Results Eurocode Survey

A large number of countries has responded...



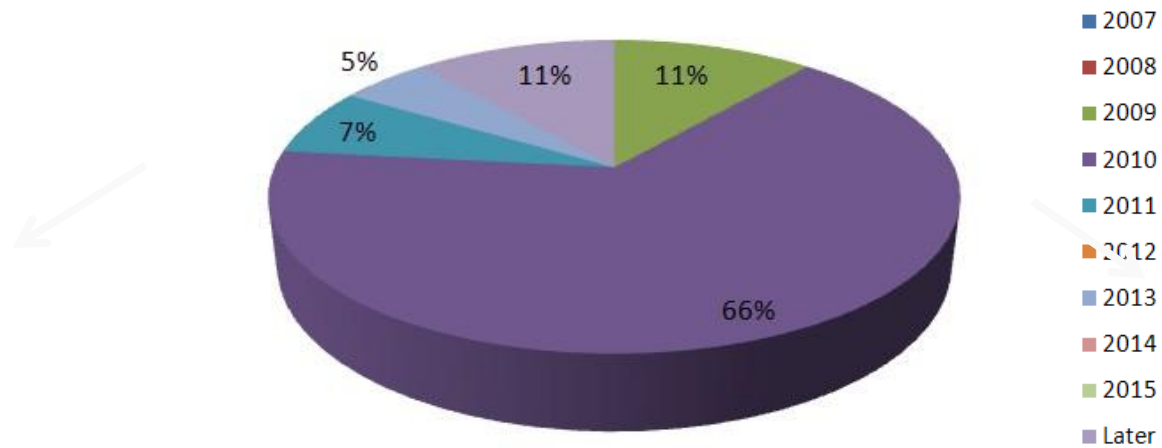
Date of implementation of the Eurocodes

Result in 2007

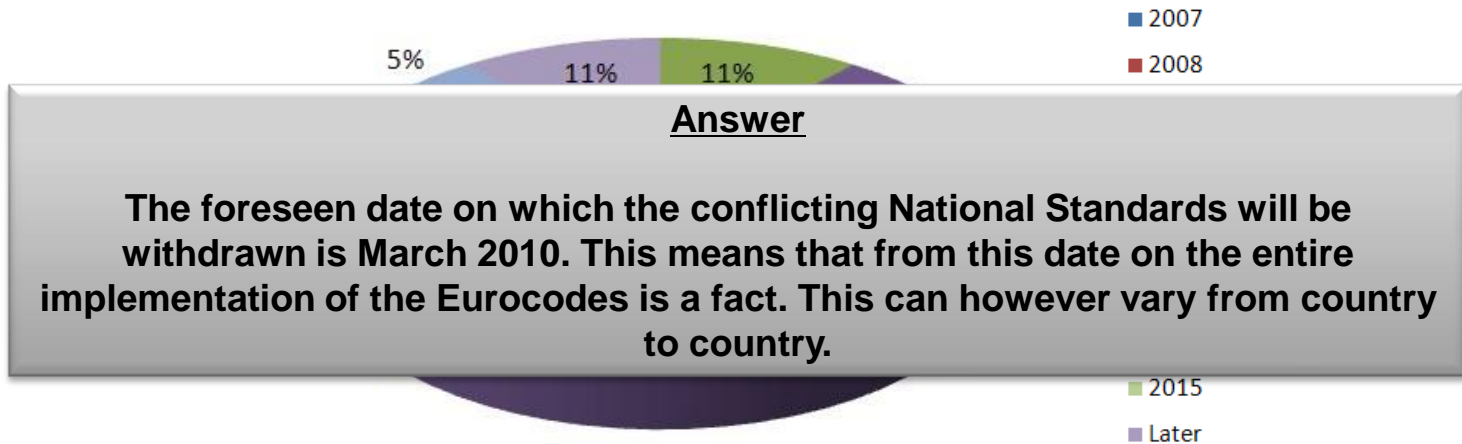


Date of implementation of the Eurocodes

Result in 2009

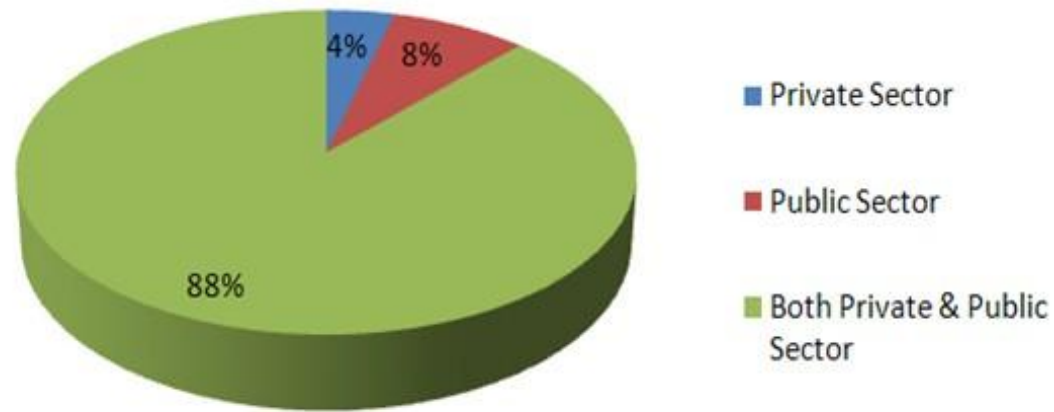


Date of implementation of the Eurocodes



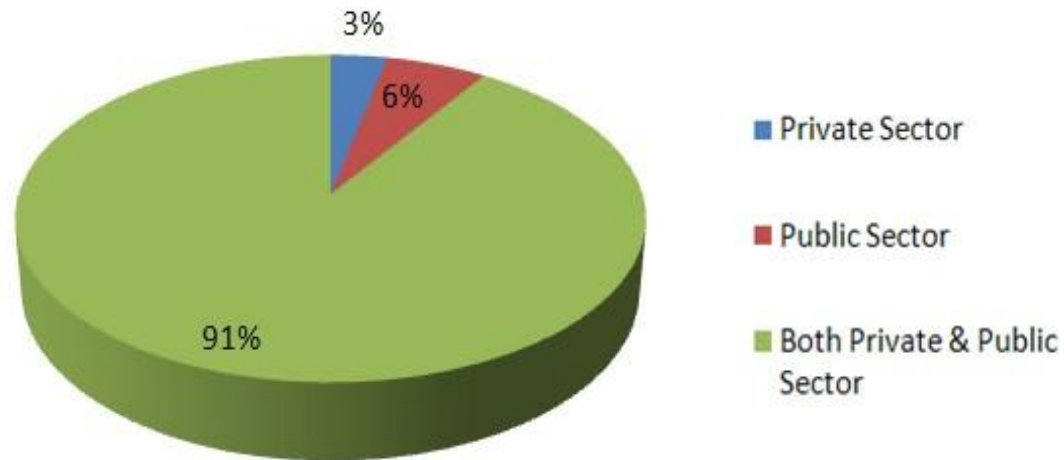
To which sectors do the Eurocodes apply?

Result in 2007



To which sectors do the Eurocodes apply?

Result in 2009



To which sectors do the Eurocodes apply?

3%

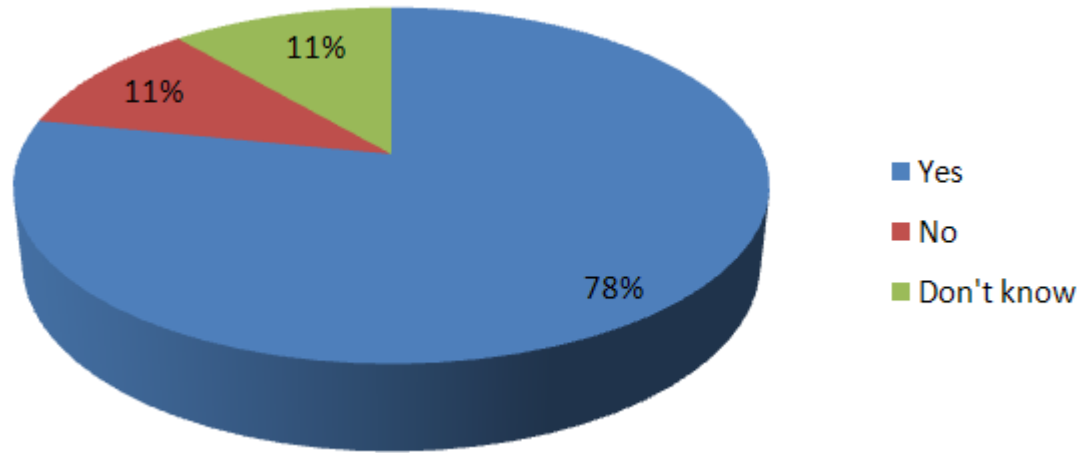
Answer

In the public sector: the Eurocodes have to be used if they are imposed in the specifications. The European Committee strongly advises to prescribe the Eurocodes.

In the private sector: it is recommended to use the Eurocodes but there is no obligation.

Are the National Annexes already published in your country?

Result in 2009



Progress of uploading of NDPs

The table below shows the progress of uploading by different countries of their NDPs in the database.

The value under "CEN" indicates the number of NDPs in the EN Part, as published by CEN. The value under each country shows the number of NDPs of the EN Part uploaded by the country.

Last update: 4 September, 2009

EN 1990 Eurocode: Basis of structural design

EN	total	AUT	BEL	BGR	CHE	CYP	CZE	DEU	DNK	ESP	EST	FIN	FRA	GBR	GRC	HRV	HUN	IRL	ISL	ITA	LTU	LUX	LVA	MLT	NLD	NOR	POL	PRT	ROU	SVK	SVN	SWE	TUR
A-1	11						10		10			11	9	10											10		6				10		
A-2	35						34						31	24																	5		

EN 1991 Eurocode 1: Actions on structures

EN	total	AUT	BEL	BGR	CHE	CYP	CZE	DEU	DNK	ESP	EST	FIN	FRA	GBR	GRC	HRV	HUN	IRL	ISL	ITA	LTU	LUX	LVA	MLT	NLD	NOR	POL	PRT	ROU	SVK	SVN	SWE	TUR
1-1	16		16				14		16		16	9		16											14		16		14		16		16
1-2	15	11					15		14		13	15		15								7					8		15		8		
1-3	32						32		32		6	29		32								13				29		29		31			30
1-4	67						66		66		67	56		67															57				66
1-5	28						28		26		26	7		27								25				26		25			6		
1-6	26						26		26					26																			
1-7	47						43		47			1		47											29								
2	98						58				11			51															98				
3	8						8							8																8			
4	11						11																						10		11		

EN 1992 Eurocode 2: Design of concrete structures

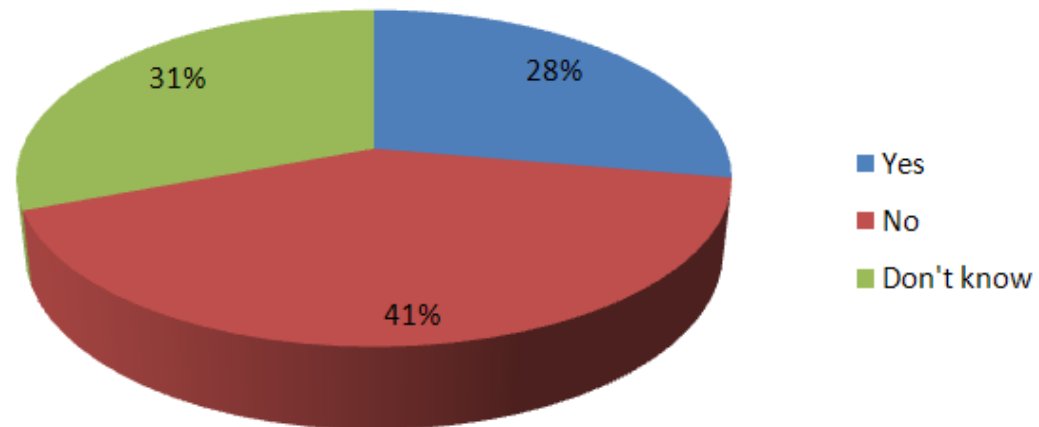
EN	total	AUT	BEL	BGR	CHE	CYP	CZE	DEU	DNK	ESP	EST	FIN	FRA	GBR	GRC	HRV	HUN	IRL	ISL	ITA	LTU	LUX	LVA	MLT	NLD	NOR	POL	PRT	ROU	SVK	SVN	SWE	TUR	
1-1	136						136		133		13	133													136				16		126			
1-2	22						22		22		20	20													22									
2	55						39																								51			
3	8						8																						8					

<http://eurocodes.jrc.ec.europa.eu/showpage.php?id=371>

EN	total	AUT	BEL	BGR	CHE	CYP	CZE	DEU	DNK	ESP	EST	FIN	FRA	GBR	GRC	HRV	HUN	IRL	ISL	ITA	LTU	LUX	LVA	MLT	NLD	NOR	POL	PRT	ROU	SVK	SVN	SWE	TUR
1-1	30		29				30		29																30		26		30				21
1-2	8		8				8		8		7														8		5		8				5
1-3	24								24																				24				13
1-4	11								11																				11				11
1-5	19								19																				19				18
1-6	18								17																								17
1-7	4								4																								4
1-8	6		6				6		5																6		6		6				5

Will the Eurocodes be accepted worldwide?

Result in 2009



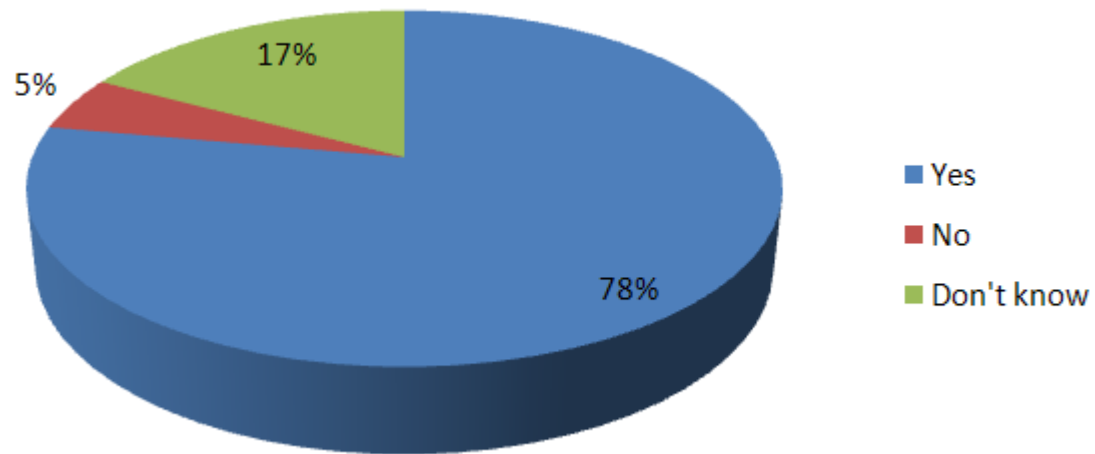
Will the Eurocodes be accepted worldwide?

Answer

The Eurocodes are mainly accepted in the European member states. There has however already been some promoting outside Europe.



Will the Eurocodes be accepted in Europe?



Will the Eurocodes be accepted in Europe?



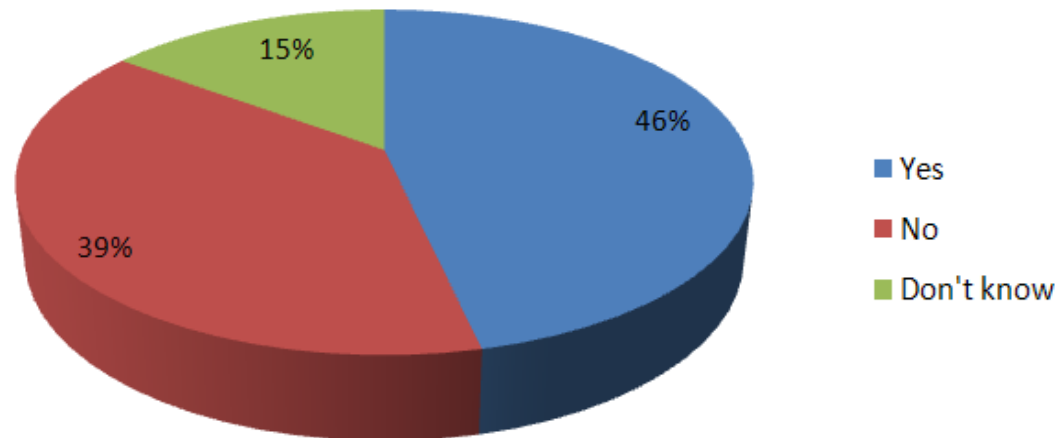
Answer

The Eurocodes have been accepted in most of the European member states. The use is not obliged but nevertheless recommended.

A few exceptions: Spain and Switzerland, but also in these countries it will be allowed to use the Eurocodes.

Will the Eurocodes lead to more expensive structures?

Result in 2009



Will the Eurocodes lead to more expensive structures?

Guidance Paper L:

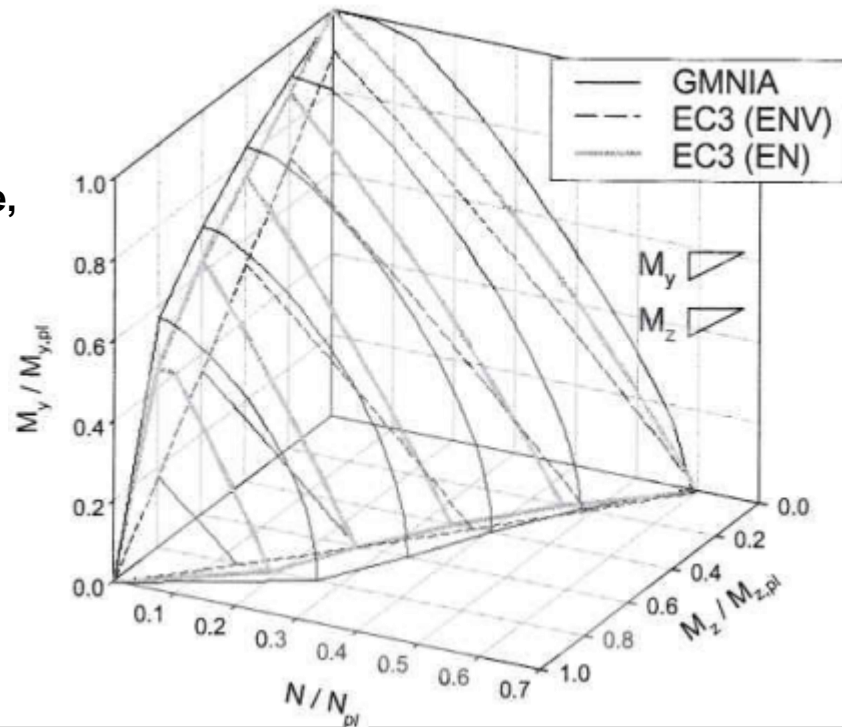
The following basic requirements need to be fulfilled by the EN Eurocode Parts in order to be referred to in the national provisions:

- Calculations executed on the basis of the Eurocode Part, in combination with the Nationally Determined Parameters, shall provide an acceptable level of safety.*
- The use of the EN Eurocode Part, in combination with the Nationally Determined Parameters, does not lead to structures that cost significantly more, over their working life than those designed according to National standards or provisions, unless changes in safety have been made and agreed.*

Will the Eurocodes lead to more expensive structures?

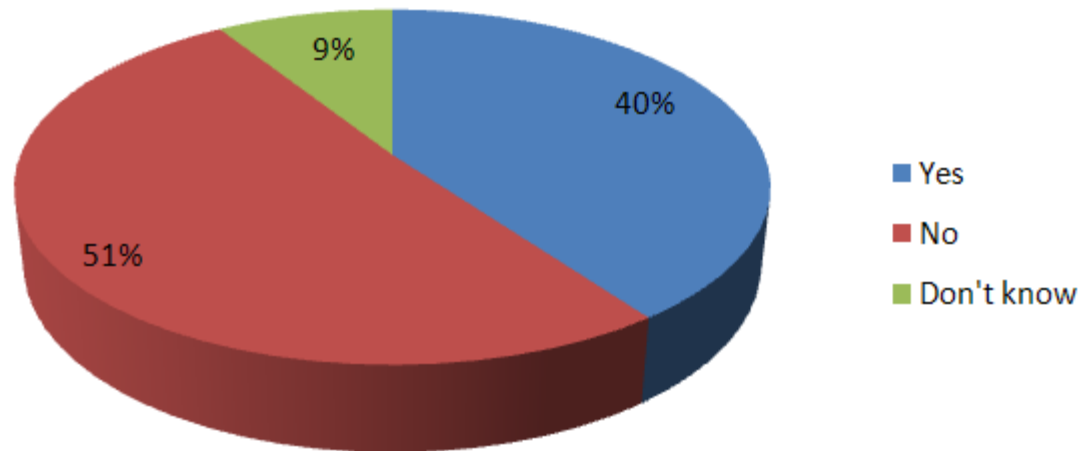
Answer

It has been proven that for the interaction diagram of steel, for one, the EC-EN 1993 comes closer to the exact calculation as the EC-ENV 1993. This leads to a better economical situation for EC-EN.



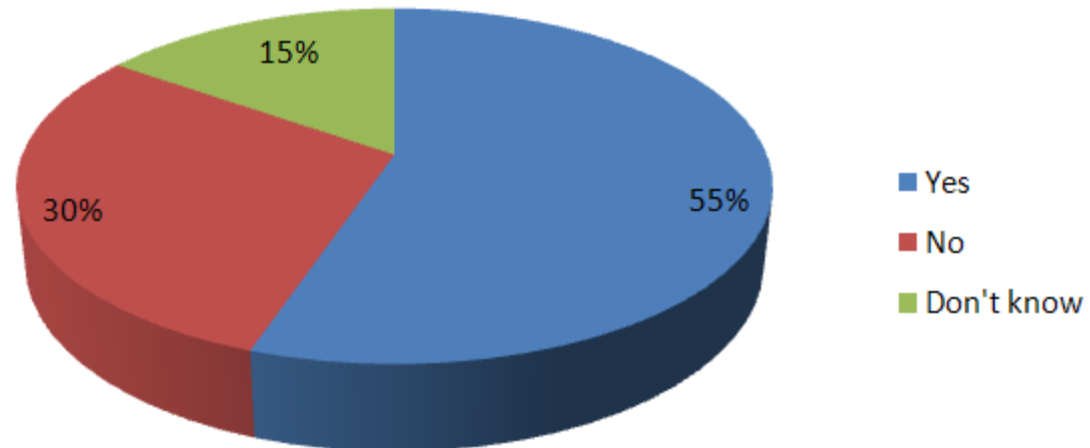
Will the National Codes disappear?

Result in 2007



Will the National Codes disappear?

Result in 2009



Will the National Codes disappear?

Result in 2009

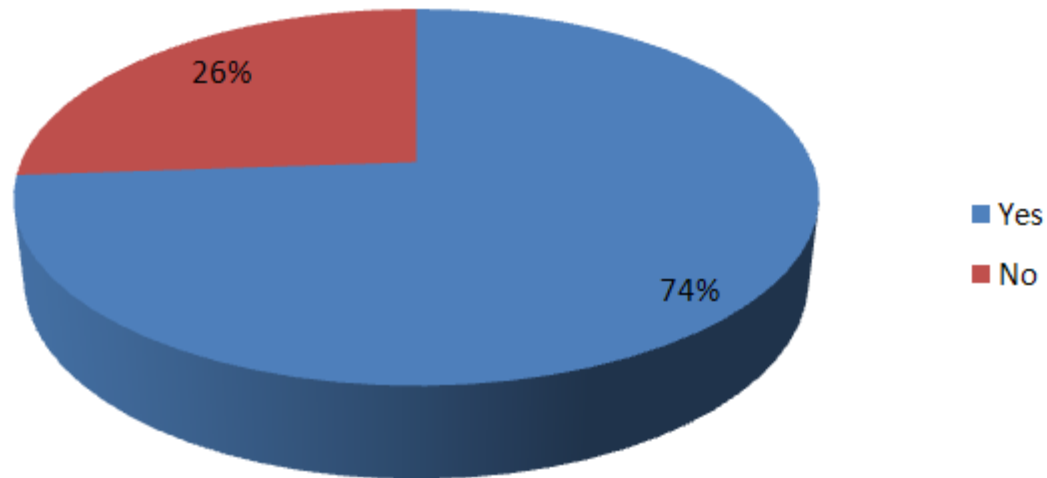
15%

Answer

After the date of acceptance of the Eurocodes (normally April 2010), the conflicting National Codes will be withdrawn. Most of the European countries have agreed to this.

Did you already apply the Eurocodes in your projects?

Result in 2009



Results Eurocode Survey

Did you already apply the Eurocodes in your projects?

