

The Eurocodes are a set of harmonised structural design codes for building and civil engineering works.

The 2nd Generation of Eurocodes marks a significant evolution in the European structural design framework, reflecting the latest advancements in design, engineering and materials used. They build upon the foundation of the 1st Generation Eurocodes codes which were adopted as I.S. ENs progressively during the early 2000s. Withdrawal of all conflicting national standards took place on the 31st March 2010.

In Ireland, NSAI has chosen a consolidated approach, opting to adopt and publish all 2nd Generation Eurocodes together once the full suite is finalised and complete. It is anticipated that all 2nd Generation Eurocodes will be available in Ireland by March 30th, 2027, with the associated National Annexes being published from September 30th, 2027.

A National Annex to a Eurocode provides the values for the Nationally Determined Parameters (NDPs) included in the Eurocode. Until a country formally adopts the 2nd Generation Eurocodes and publishes its updated National Annexes, the 1st Generation standards will remain applicable.

Why are the Eurocodes being revised?

- to incorporate scientific and engineering research
- to improve consistency between individual Eurocode parts
- to address climate change and sustainability design requirements
- to align with digital and BIM-based design workflows
- to improve safety, robustness and reliability provisions
- to simplify use and reduce national deviations.

What this means for Irish stakeholders:

- designers may transition to updated calculation rules.
- software tools may require updates to implement revised Eurocodes
- training and professional upskilling may be required.

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EUROCODES Building for the Future

Implementation of 2nd Generation Eurocodes in Ireland

NSAI will publish the 2nd Generation of Eurocodes on **March 30th, 2027**, with National Annexes to follow from **September 30th, 2027**.

1st Generation Eurocodes will be withdrawn on **March 30th, 2028**.



Irish Standard (I.S. EN)	Title	Nat. Annex
Eurocode 0 - Basis of structural and geotechnical design		
I.S. EN 1990-2	Assessment of existing structures	To be confirmed
Eurocode 1 - Actions on structures		
I.S. EN 1991-1-8	Actions from waves and currents on coastal structures	To be confirmed
I.S. EN 1991-1-9	Atmospheric icing	To be confirmed
Eurocode 3 - Design of steel structures		
I.S. EN 1993-1-13	Steel beams with large web openings	To be confirmed
I.S. EN 1993-1-14	Design assisted by finite element analysis	To be confirmed
I.S. EN 1993-7	Design of sandwich panels	To be confirmed
Eurocode 5 - Design of timber structures		
I.S. EN 1995-1-3	Timber-concrete composite structures	To be confirmed
I.S. EN 1995-3	Design of timber structures	To be confirmed
Eurocode 7 - Geotechnical design		
I.S. EN 1997-3	Geotechnical structures	To be confirmed
Eurocode 10 - Design of glass structures		
I.S. EN 19100-1	Basis of design and materials	To be confirmed
I.S. EN 19100-2	Design of out-of-plane loaded glass components	To be confirmed
I.S. EN 19100-3	Design of in-plan loaded glass components and their mechanical joints	To be confirmed
I.S. EN 19100-4	Glass selection relating to the risk of human injury - Guidance for specification	To be confirmed
Technical Specification - Design of fibre-polymer composite structures		
CEN/TS 19101	Design of fibre-polymer composite structures	To be confirmed
Technical Specification - Design of tensioned membrane structures		
I.S. EN 19100-4	Design of tensioned membrane structures	To be confirmed

Implementation of 2nd Generation Eurocodes in Ireland

New Eurocodes Guide

This table lists the new 2nd Generation Eurocodes being published. The existing 1st Generation Eurocodes are also being revised with new and amended Nationally Developed Parameters (NDPs).

Further information on these changes can be found by scanning the QR code.

Calls for Experts

NSAI are actively seeking new members to strengthen Ireland's position in the Eurocode update process. If you are ready to contribute your expertise, please register your interest.



More information



Register interest

Key Dates for Implementation of 2nd Generation Eurocodes

March 30th, 2027 - Publication of 2nd Generation Eurocodes

September 30th, 2027 - Publication of Irish N.A.s

March 30th, 2028 - Withdrawal of 1st Generation Eurocodes