

The Importance of Standardisation for Irish SMEs

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Use of Standards

Requirements, specifications, guidelines or characteristics that can be used consistently

- Improve performance
- Encourage innovation
- Support Sustainability
- Provide Interoperability

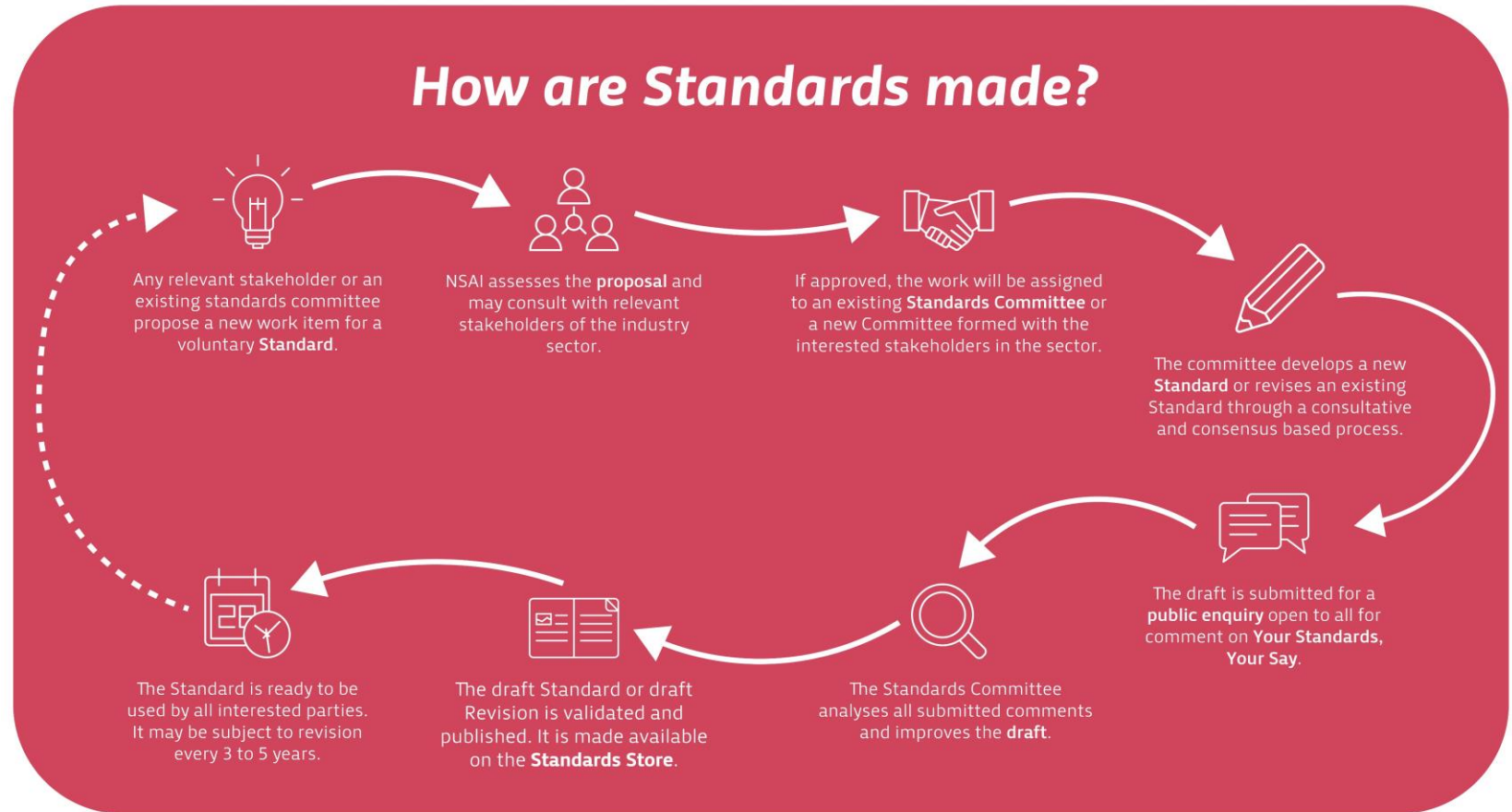


General Standards Work supporting the Construction Sector

National

European

International




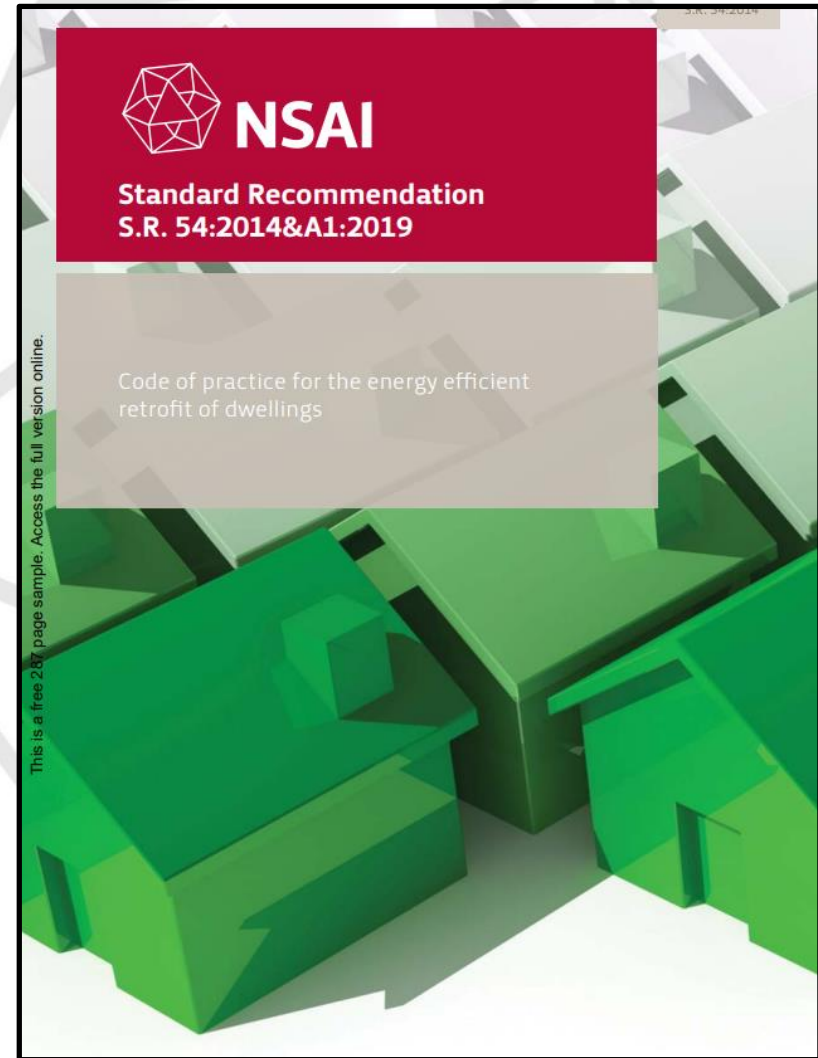
Standards supporting the Construction Sector



General Standards Work supporting the Construction Sector



	Irish Standard I.S. 440:2009+A1:2014
Timber frame construction, dwellings and other buildings (including amendment 1, consolidated)	
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National BIM Committee

NSAI/TC 068 BIM

- 21 members from a range of industry
- Meeting 4 times annually
- Ongoing correspondence regarding CEN ballots

Scope of the committee:

monitor the work of CEN/TC 442

CEN/TC 442 BIM

- Providing national inputs to ballots from CEN/TC 442
- Responding to information requests from CEN/TC 442
- Act as an observer member to ISO/TC 59/SC 13



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ICT & Other Standards of importance



ICT & Manufacturing/Machinery Standardisation

Significant advancements ongoing in ICT & manufacturing / machinery standardisation **relevant to construction sector**

Across range of technologies:



Data
Interoperability



Cybersecurity



Artificial Intelligence



3D Printing



Robotics &
Autonomous
vehicles



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ICT & Manufacturing/Machinery Standardisation

At EU level, harmonised ICT standards under development will **impact** construction sector:

EU Cyber Resilience Act

EU AI Act

EU Machinery Regulation

EU Data Act

Supporting construction sector digitalisation is a **priority** within ICT standardisation

– Actions for standards bodies in EU ICT Rolling Plan 2023

- work on information exchange to enhance & harmonise open data formats, structures, and classification systems for model based working in the construction industry
- support data dictionaries - develop European standards for exchange of data on construction products, to ensure quality in data and trade of construction products



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Climate Change, Circular Economy in Construction and Sustainability

- International technical specification, ISO TS 14092 *Adaptation to climate change — Requirements and guidance on adaptation planning for local governments and communities*
- Met Éireann research project to develop *specific climate maps and data for use in building design*



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YOUR STANDARDS YOUR SAY

**General ICT/manufacturing standardisation
increasingly impacting construction sector –**

**Get involved to influence standardisation
for benefit of construction sector**



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Thank you.

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