



NSAI

ANNUAL REPORT 2020

NSAI/TC 40 RETROFIT OF EXISTING
DWELLINGS

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1 Introduction

NSAI/TC 40 Retrofit of existing dwellings is the NSAI Technical Body with primary responsibility for the development and maintenance of the publication S.R. 54:2014 & A1:2019, Code of Practice for the energy efficient retrofit of dwellings.

This S.R. provides technical guidance on the energy efficient retrofit of the building fabric and services of detached, semi-detached and terraced dwellings of not more than three stories, the application of retrofit measures on a whole dwelling basis, general building science and the management of retrofit projects.

This document is widely used in the industry by designers, specifiers, installers and property managers working on energy efficient retrofit projects for dwellings and is referenced in the Building Regulations Technical Guidance Documents, SEAI Grant schemes and Local Authority retrofit circulars.

S.R. 54:2014 published in 2014 was amended in 2019 to include an Annex for Attic ventilation.

There were no meetings of NSAI/TC 40 in 2020.

In early 2021 NSAI/TC 40 will conduct a systematic review of SR 54:2014 to determine if a revision of the document is required.

2 Scope Of TC

To develop and maintain a standard for the energy efficient retrofit of dwellings.

2.1 Structure of NSAI/TC 40

NSAI/TC 40 was initially established as a Steering Committee with representatives on the TC at the time from the Department of the Environment, Community and Local Government, Department of Communications Energy and Natural Resources, SEAI and the NSAI in conjunction with the Building Research Establishment (BRE) to provide guidance for the energy retrofit of dwellings.

Members agreed the need to widen the committee membership and representation of relevant stakeholders on the committee in line with NSAI procedures and to appoint a Chairperson.

2.2 Organisations represented on NSAI/TC 40 in 2020

NSAI Standards
SEAI
DHLGH
NSAI SBE

3 Work programme for 2021 onwards

2021 Q1 Systematic review of S.R. 54:2014 & A1:2019

2021 Q1 Appoint a Chair for NSAI/TC 40.

2021 Q2 Consider if an amendment or a future full revision of S.R. 54:2014 & A1:2019 is required.

2021 Q2 Extend Membership of NSAI/TC 40 to include other relevant stakeholders in line with NSAI procedures for operation of technical bodies, (P-ST-01) NSAI/TC 40 and in line with the scope of the work item agreed by NSAI /TC 40 following the systematic review.

Update Sept 2021: A proposal to amend S.R. 54 has been approved and work has commenced. The amendment aims to revise information provided on the existing case studies A,B and C (sections 5.5.1 to 5.5.4 of the document) for retrofitting of dwellings, including recalculation of the energy performance ratings using the Dwelling Energy Assessment Procedure (DEAP), in line with the Major Renovations requirement of Building Regulations and to facilitate the timely implementation and achievement of the Climate Action Plan targets of 500,000 deep renovations to B2, or equivalent in Ireland by 2030. Target date for delivery of the amendment is Q2 2022.