



ANNUAL REPORT 2023

NSAI TECHNICAL COMMITTEES
(NSAI/ETC/TC 22)

"Environmental Standardization
for Electrical and Electronic
Products and Systems"

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1 Chairman's Statement

The technical committee met three times in the year to review activities in the mirror committees of CENELEC (CLC) and IEC and where applicable input was provided to various standards circulated to National Committees for comment or voting.

Members were happy to hold all meetings virtually and expect to continue with this trend into 2024. The Secretariat invited to our meetings a number of guest speakers on various topics. These included a presentation from NSAI/TC 66 “Circular Economy” and WEEE Ireland on the battery collection status in Ireland. Details of the new Battery regulation were presented with corresponding milestones.

On behalf of the committee, I would like to thank the contribution from the Secretariat, Amanda-Jane in 2024 and look forward to her continuing support in the coming year.

Thanks,

Tom Moriarty

Chair of NSAI/ETC/TC 22

2 Introduction

NSAI is committed to encourage continuous improvement of environmental performance of electro-technical products and related systems. This can serve to mitigate adverse environmental impacts over the whole life cycle of products enabling a cradle to grave approach to be pursued for products and services development.

Through NSAI/ETC/TC22 “Environmental Standardization for Electrical and Electronic Products and Systems”, NSAI raises awareness and provides guidance on standards work related to the environment and its aspects in product and service standards.

3 Scope of TC

Through standardization, NSAI is committed to encourage continuous improvement of environmental performance of electro-technical products and related systems. Whilst also taking account of economic and social practicalities, NSAI Technical Committees (TCs) are requested to assess and continuously improve new and existing standards in order to reduce adverse environmental impacts over the whole life cycle of products. Through NSAI/ETC/TC 22 “Environmental Standardization for Electrical and Electronic Products and Systems”, the NSAI will raise awareness; give guidance and advice on standards work related to the environment and its aspects in product standards. This TC will also address the generic environmental standardization needs of the electro-technical sector, especially in support of national and international legislation.

Standards are available from www.standards.ie.

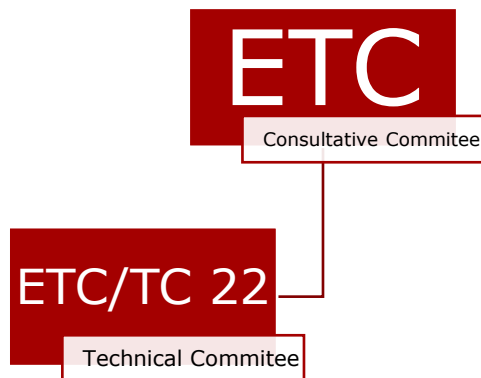
The committee mirrors the following international committees:

Committee Name	Committee Title
IEC TC111	Environmental standardization for electrical and electronic products and systems
CLC TC111X	Environment
CEN-CENELEC JTC 10	Energy-related products - Material Efficiency Aspects for Eco-design

4 Structure and Membership

4.1 Structure

The Figure below illustrates the structure of the Committee:



4.2 Members

The table below provides the names of the committee members for the year:

Organisation	Role
AMBER Director TUD	National committee member
Department of Communication Climate Action & Environment	National observer
Dell	National chairperson
EPA	National observer
ERP, European Recycling Platform	National committee member
HP	National committee member
Intel	National committee member
KMK Metals Recycling CHAIR	National committee member
Liaison NSAI ETC TC 11	National observer
Micropro Computers	National committee member
NSAI	National secretary
Phenix RM	National committee member
Recycle IT	National committee member
Rehab Recycle	National committee member
University of Limerick	National committee member
WEEE Ireland	National committee member
Wisetek	National committee member

5 Summary of 2023 Activities

5.1 National

5.1.1 Meetings

Committee members attended virtually the following national meetings in NSAI:

Meeting No.	Date	Minutes Reference
1	2023-01-12	N0135
2	2023-05-25	N0149
3	2023-10-05	N0158

5.1.2 National Work

This committee serves the sectors of information technology environmental issues including

- (1) Eco-design issues,
- (2) Chemical substance issues related to RoHS Directive and other EU legislation,
- (3) Recovery/Recycling/Reuse issues and
- (4) Efficiency issues.

The work of the committee will contribute to the development of specific standards related to EC Mandates for environmental Directives related to electro-technology such as the Eco-design, WEEE and RoHS Directives.

In January the committee had a presentation from NSAI/TC 66 “Circular Economy” where the work happen in this area was discussed.

In May the WEEE Ireland representative on the committee presented the changes happening in the Batteries Regulation.

The committee were advised on the [IEC Global Impact Fund](#) that rolled out its first project in 2023 turning battery e-waste into e-resources. [Turning battery e-waste into e-resources \(iec.ch\)](#)

5.2 International/Regional

5.2.1 Meetings

Committee Members attended international CENELEC (CLC) and IEC meetings as follows:

Committee Name	Location	Date	No. of Attendees
CLC/TC 111X	Virtual	2023/04/26	1
CLC/TC 111X	Virtual	2023/12/12	1
CEN-CLC JTC 10 16th Plenary	Virtual	2023/11/30	1
IEC/TC 111 Plenary	Virtual	2023/10/23-24	1

NSAI/ETC/TC 22 continues to encourage committee members to participate on international meetings.

5.2.2 International/Regional Work

NSAI/ETC/TC22 participated in the work of IEC TC 111 and CLC TC 111x and CEN-CENELEC JTC 10

5.2.3 International/Regional Standards Reviewed

The committee reviewed all draft standards issued by IEC TC111 and CLC TC111x and CEN-CENELEC JTC 10.

5.2.4 International/Regional Voting Results

The committee have actively voted on 8 documents in 2023 and have submitted 5 set of comments.

Active votes are broken down as 6 IEC documents and 2 CENELEC documents.

Body	Vote Reference	Comments Submitted	Decision	WIID
IEC	111/689/FDIS	No	Approve	
CLC	FprEN IEC 62321-12:2023	Yes	Approve	70265
IEC	111/687/Q	Yes	Approve	
IEC	111/703/Q	Yes	Approve	
IEC	111/699/CD	Yes	Approve	
IEC	111/705/FDIS	Yes	Approve	
IEC	111/723/FDIS	No	Approve	
CLC	FprEN IEC 62321-11:2023	No	Approve	70959

5.3 Regulatory Development/Update

The work of the NSAI/ETC/TC 22 will continue to be strongly influenced by EC Mandates for environmental Directives related to electro-technology such as the Eco-design, WEEE and RoHS Directives.

6 Irish Publications/Reviews

6.1 Publications

The Committee did not publish any national deliverables this year

6.2 Reviews

Non-Applicable

7 Work programme for 2024 onwards

The committee will continue to meet quarterly in 2024. The committee will follow the work taking place at both CENELEC and IEC Level. Within Europe there are changes related to the Batteries directive which the committee will be working to implementing within their organisations.

The committee will continue to monitor the development of the Waste Packaging changes that are under discussion along with the following the progression of the Critical Raw Materials Act.

European standardisation activity related to the Circular Economy and the Eco-design for Sustainable Products Regulation (ESPR) is expected to increase and drive further activity for the TC over the coming months.

8 Additional Information

No additional Information.