



**NSAI**

# ANNUAL REPORT 2022

**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 four 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 2023. The Secretariat invited to our meetings a number of guest speakers on various topics. WEEE Ireland presented on the recent & upcoming regulatory & policy changes affecting the WEEE sector which was well received by Members. The latest status on the Sustainable Product initiative was provided by Department of Communication Climate Action & Environment. This is a significant piece of legislation and is a major overall of the current ecodesign directive. Further updates are anticipated over the course of 2023.

On behalf of the committee, I would like to thank the contribution from the Secretariat, Amanda-Jane in 2022 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](http://www.standards.ie).

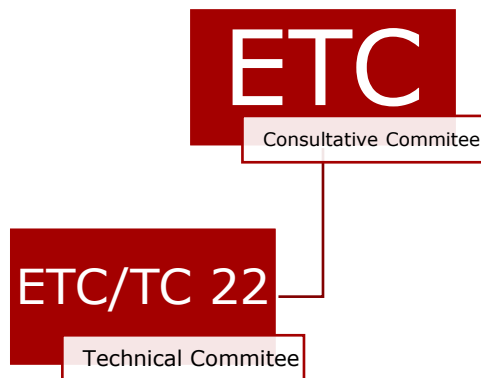
The committee mirrors the following international committees:

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
DCCAIE, Department of Communication Climate Action & Environment	National observer
Dell	<b>National chairperson</b>
EPA	National observer
ERP, European Recycling Platform	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	<b>National secretary</b>
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 2022 Activities

### 5.1 National

#### 5.1.1 Meetings

Committee Members attended the following National meetings in NSAI as follows:

Meeting No.	Date	Minutes Reference
1	13 <sup>th</sup> January 2022	<a href="#">N0110</a>
2	13 <sup>th</sup> April 2022	<a href="#">N0114</a>
3	8 <sup>th</sup> September 2022	<a href="#">N0119</a>
4	21 <sup>st</sup> November 2022	<a href="#">N0123</a>

#### 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 Ecodesign, WEEE and RoHS Directives.

In September the committee had a presentation from WEEE Ireland on the recent & upcoming regulatory & policy changes affecting the WEEE sector.

In November the committee had a presentation on the Sustainable Product initiative. [Sustainable products initiative \(europa.eu\)](https://europa.eu/sustainable-products-initiative)

### 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	2022/04/07	1
CLC/TC 111X/WG 05			
IEC/TC 111 Plenary	Virtual	2022/11/14	1
IEC/TC 111/WG 03			
IEC/TC 111/JWG 14			
IEC/TC 111/VT 62474			
IEC/TC 111/JWG ECD - 62430			

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

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 2022 and have submitted 1 set of comments.

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

Body	Vote Reference	Comments Submitted	Decision	WIID
IEC	111/649/Q	Yes	Approve	
IEC	111/641/CDV	No	Approve	
IEC	111/645/CDV	No	Approve	
IEC	111/666/NP	No	Abstain	
IEC	111/668/CD	No	Approve	
IEC	111/670/CD	No	Approve	
CLC	prEN IEC 62321-11:2022	No	Approve	70959
CLC	prEN IEC 62321-12:2022	No	Approve	70265

## 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 Ecodesign, 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 2023 onwards

In 2023, the committee will continue to grow and develop. European standardisation activity related to the Circular Economy and the Ecodesign for Sustainable Products Regulation (ESPR) is expected to increase and drive further activity for the TC over the coming months.

In parallel NSAI/ETC/TC TC22 members will continue to actively engage with International standardisation activities.

## 8 Additional Information

No additional Information.