



**NSAI**

# ANNUAL REPORT 2020

**NSAI TECHNICAL COMMITTEE  
(NSAI/TC023)  
UNIVERSAL DESIGN**

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## 1 Introduction

The major benefits expected of the standards developed by NSAI TC023 and the participation by NSAI experts on regional (European- CEN /CENELEC) and international (ISO/IEC) committee work are in the short term and long term for :

- improved quality of life for the widest range of users;
- criteria for manufacturers against which to design products, services, ICT and the built environment for the widest range of users;
- safe, reliable and functional products produced for consumers - purchasers and users;
- improved cost effectiveness for purchasers, both private and public;
- enhanced compatibility and interoperability between products;
- standards in new emerging areas to facilitate the changing demographics of our society
- greater opportunities due to the availability of technology for independent living
- equity as well as equality for the widest range of users of products, services, ICT and the built environment
- increased market share for manufacturers of products and services.



( <https://www.youtube.com/watch?v=A88E4DH2asQ> )

NSAI TC023 goal is to represent the diversity of the human population and continue to grow the members of NSAI TC023 to ensure the widest range of users are represented in the work at both national , regional and internationally. The long term goal is to have standards for mainstream product/services and the built environment that take account of the diversity of the users, applying the Universal Design principles /Design for All approach.

NSAI /TC023 continue to be involved at European level in Commission initiatives such as M/376, M/420 and M/473 ( Standardisation requests to CEN / CENELEC ) and look forward to the new standardisation request in support of the Accessibility Act following its publication in 2019. It is expected that this new standardisation request will be published in 2021.

In 2019 NSAI/TC23 developed a National Foreword to the adopted CEN standard I.S. EN 17161 and a formal launch was held at the NSAI offices (<https://www.nsai.ie/about/news/a-design-standard-that-works-for-all/> )

## 2 Sustainable Development Goals and standardisation

NSAI/TC23 committee contributes to the following Sustainable Development Goals:

1,2,3,4,5,8,9,10,11,16.

(<https://sdgs.un.org/goals> )

NSAI/TC23 supports NSAI's commitment to the ISO Declaration on Gender Responsive Standards and acknowledges that applying a gender lens to the work of standardisation can bring us closer to achieving the UN Sustainable Development Goals.

## 3 Scope of TC

The role of NSAI /TC023 and its members is to :

- produce National deliverables /standards on products, services, systems and the built environment for the widest range of users including persons with disability and older persons, including follow-up activities and revisions to support Government and EU legislation and policy in the absence of European standards.
- monitor and participate in the development of regional (European – CEN ~CENELEC ) and international Standards ( ISO, IEC, ETSI)
- advise NSAI on how the needs of the widest range of users should be taken into account so that they can participate effectively and efficiently in society are addressed in standards.

NSAI/TC 23 presently participates in standards work in the area of :

- the built environment
- ICT (user interface accessibility)
- products and services ( Design for All)
- mobility & wheelchairs
- ageing societies

#### **SC1: Built Environment**

Standards under development at CEN and ISO level : CEN/CLC/JTC11, CEN/10/WG11 & ISO/TC59/SC16/WG1

The main projects under this sector are as follows :

- Draft prEN 17210:Accessibility and usability of the built environment - Functional requirements
- Draft pr/TR 17621 : Accessibility and usability of the built environment - Technical performance criteria and specifications
- Draft pr/TR 17622:: Accessibility and usability of the built environment - Conformity assessment
- Revision of ISO 21542: 2011
- Revision of EN 81-70: Safety rules for the construction and installation of lifts - Particular applications for passenger and goods passenger lift - Part 70: Accessibility to lifts for persons including persons with disability

It is expected that all these deliverables will be published in 2021

#### **SC2: Mobility & Wheelchairs**

Standards under development at CEN and ISO level : CEN/TC293 and ISO/TC173

#### **SC4: ICT/ Visual and Audio Technology**

Standards under development at CEN and ISO level : CEN/CLC/JTC eAccessibility & ISO/IEC/JTC1/SC35.

The main project under this sector are as follows:

Revision of EN 301 549: Accessibility requirements for ICT products and services

#### **SC5: Products & Services -Range of users**

Standards under development at National (NSAI) , CEN and ISO level : CEN/TC320, CEN/TC452 and ISO/TC228 .

The main project under this sector are as follows:

- CEN/TC320: Draft Standard: prEN 17478: “Transport Services - Customer communications for passenger transport services: A Universal Design approach”
- CEN/TC452: PWI’s
- ISO/TC228/WG14: Draft ISO/DIS 21902: Accessible tourism for all – Requirements and recommendations

**SC6: Aging societies**

Standards under development at ISO level : ISO/TC314 .

The main project under this sector of interest are as follows:

Draft standard ISO/ CD23617: Ageing societies -Guidelines for an age-inclusive workforce

Draft standard ISO/ CD 23623: Ageing societies – Framework for dementia inclusive communities

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 NSAI/TC023 committee members through the various sub committees (SC) mirrors and engages with the following regional and international committees:

CEN SAGA	Strategic Advisory Group on Accessibility
CEN/CLC/JTC 12	Design for All
CEN/CLC/JTC11	Accessibility in the built environment
CEN/CLC/ETSI/JWG eAcc	eAccessibility
CEN/TC122 & ISO/TC159	Ergonomics
CEN/TC 10/WG 7	Accessibility to lifts for persons including persons with disability
ISO TC59/SC16	Accessibility in the built environment
CEN/TC293 & ISO/TC 173	Assistive Products
ISO TC228/WG14	Accessible Tourism
ISO/IEC/JTC1/SC35	Human Interfaces
CEN/TC452	Assistance Dog & Guide Dog teams Standards and Instructor Competence

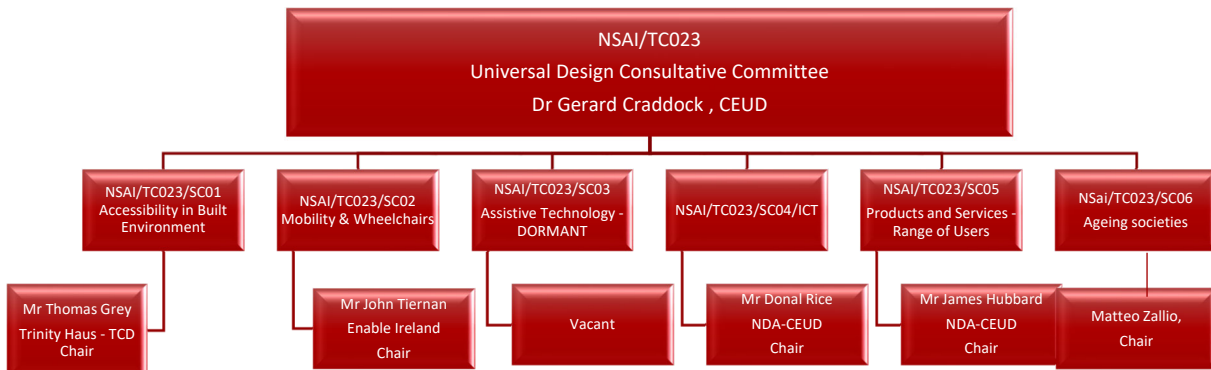
Committee Name	Committee Title
<b>NSAI TC023</b>	Strategic Advisory Group on Accessibility/ Universal Design
<b>NSAI TC023 /SC1 Built environment</b>	CEN/CLC/JTC11 ISO TC59/SC16 CEN/TC 10/WG 7
<b>NSAI TC023 /SC2 Dormant</b>	CEN/TC 293/WG 9 ISO/TC 173/SC1
<b>NSAI TC023 /SC3 Assistance products</b>	CEN TC293 ISO TC173 CEN/TC 293/WG 10 ISO/TC 173/SC 7/WG 5 CEN/TC 293/WG 5
<b>NSAI TC023 /SC4</b>	CEN/CLC/ETSI/JWG eAcc

<b>ICT</b>	ISO/IEC JTC 1/SC 35 ISO/TC 173/SC 7/WG 6 ISO/TC 173/SC 7/WG 4
<b>NSAI TC023 / SC5 Products &amp; Services</b>	CEN/CLC/JTC 12 ISO TC228/WG14 CEN/TC122 ISO/TC159 CEN/TC 452
<b>NSAI TC023 / SC6 Ageing societies</b>	ISO/TC314 and its working groups ISO/TC314/WG1 ISO/TC314/WG2 ISO/TC314/WG3

## 4 Structure and Membership

### 4.1 Structure

The Figure below illustrates the structure of the Committee:



### 4.2 Members

The list below informs the diverse stakeholders that are engaged in the work activities of NSAI/TC023 during 2020:

Organisation	Role
<b>NDA-CEUD</b>	Chair & Committee members
<b>Trinity Haus- TCD</b>	Chair of NSAI/TC023/SC01
<b>NDA/CEUD</b>	Chair of NSAI/TC023/SC02
<b>NDA/CEUD</b>	Chair of NSAI/TC023/SC05
<b>Enable Ireland</b>	Chair of NSAI/TC023/SC04
<b>UX Design Expert</b>	Chair of NSAI/TC023/SC06
<b>NCBI</b>	Committee member

<b>DeafHear</b>	Committee member
<b>IWA</b>	Committee member
<b>Architects -RIAI</b>	Committee member
<b>Government – Housing</b>	Committee member
<b>Commission for Regulation of Utilities</b>	Committee member
<b>Com Reg</b>	Committee member
<b>NALA</b>	Committee member
<b>Chartered Institute of Architectural Technologists</b>	Committee member
<b>Institute of Designers Ireland</b>	Committee member
<b>Irish Guide Dogs</b>	Committee member
<b>Irish Kennel Club</b>	Committee member
<b>Age &amp; Opportunity</b>	Committee member
<b>Dogs for Disabled</b>	Committee member
<b>Inclusion Ireland</b>	Committee member
<b>Irish Water</b>	Committee member
<b>ESB Networks</b>	Committee member
<b>Bord Gais Energy</b>	Committee member
<b>SSE Airtricity</b>	Committee member
<b>Pinergy</b>	Committee member
<b>PrePay Power</b>	Committee member
<b>Energyia</b>	Committee member
<b>ICT Consultants</b>	Committee member
<b>Industry Consultants</b>	Committee member
<b>Universities</b>	Committee member
<b>Businesses</b>	Committee member
<b>Accessibility experts</b>	Committee member
<b>Transport services</b>	Committee member

## 5 Summary of 2020 Activities

### 5.1 National

#### 5.1.1 Meetings & Workshops

Committee members attended national meetings in NSAI and other locations including G2M ( remote call in ) during the year depending on the areas of work they were involved in.

At the end of Quarter 1 of 2020 , the standard : prEN 17478: “Transport Services - Customer communications for passenger transport services: A Universal Design approach” was launched for public enquiry .

NSAI/TC023/SC05/WG02 hosted a number of workshops to facilitate stakeholders to comment on the draft standards.

Following the workshops , NSAI submitted a number of comments to CEN/TC320 .

[\(https://www.n Sai .ie/about/news/public-consultation-on-pren-17478-transport-services-customer-communication/\)](https://www.n Sai .ie/about/news/public-consultation-on-pren-17478-transport-services-customer-communication/)

#### 5.1.2 National Work

No national work was carried out in 2020 relating to the development of indigenous standards.

### 5.1.3 Meetings

NSAI/TC023 are mapped to a number of CEN, CENELEC and ISO committees, and have to prioritise their work based on availability of experts .

A number of meetings were attended at regional level (CEN, CENELEC) to represent the position/submissions on behalf of national committees in the following Technical Committees areas: CEN SAGA, CEN/CLC/JTC 11, CEN/CLC/JTC 12, CEN/TC 452, CEN/CLC/ETSI JWG eAcc, CEN/TC320 , ISO TC228/WG14 and ISO/TC 314 . Participation by either face to face meetings (F2F) or remotely by G2M or Webex allowed for national committee members the opportunity to engage in these meetings.

In March 2020 , as a result of the pandemic , no F2F meetings were allowed at either national , regional or internationally level and all further meetings were held via on line systems such as Zoom throughout 2020 and continued into 2021

### 5.1.4 International/Regional Work

Throughout 2020,

CEN SAGA	Strategic Advisory Group on Accessibility
CEN/CLC/JTC11	Accessibility in the built environment
CEN/CLC/ETSI/JWG	eAccessibility
CEN/TC122 & ISO/TC159	Ergonomics
CEN/TC 452	Assistance Dogs & Guide Dog Teams Standards and Instructor Competence
ISO TC59/SC16	Accessibility in the built environment
CEN/TC293 & ISO/TC 173	Assistive Products
ISO TC228/WG14	Accessible Tourism

## 6 International/Regional Standards Reviewed

See 5.2.2. above

### 6.1 Regulatory Development/Update

- European Union (Accessibility of Websites and Mobile Applications of Public Sector Bodies) Regulations 2020 & Commission Implementing Decision (EU) 2018/1523.
  - Transposition deadline 28 June 2022
  - Application deadline 28 June 2023

Implementation : As of September 2020, public bodies' websites covered by the 2020 Regulations should now be accessible. Public sector mobile apps must be accessible by 23 June 2021.

- Directive (EU) 2018/1808 of the European Parliament and of the Council of 14 November 2018 amending Directive 2010/13/EU on the coordination of certain provisions laid down by law, regulation or administrative action in Member States concerning the provision of audiovisual media services (Audiovisual Media Services Directive) in view of changing market realities
- Directive (EU) 2019/882 of the European Parliament and of the Council of 17 April 2019 on the accessibility requirements for products and services (PE/81/2018/REV/1), available on EUR-Lex
- Disability Act of 2005



#### Policy Documents :

- National Disability Inclusion Strategy (2017-2021)
- National Positive Ageing Strategy
- National Dementia Strategy
- First 5 - A Government Strategy For Babies & Young Children

## 6.2 Publications

NSAI did not publish any national deliverables in 2020.

## 7 Work programme for 2021 onwards

In Europe approximately 16% of the population has a disability at some stage of their lives either short term or long term. Many of whom need and use assistive products in their daily lives such as walking aids and wheelchairs amongst others.

The number of older people are increasing as well as their proportion in the population, with the number of persons 60 years or over is expected to triple by 2050. The incidence of disability increases with age, so does the severity of impairments.

The whole society is aware of the importance of the accessibility due to the need of have access to products, services, buildings and related facilities for people with special needs and older persons.

The market is large and complex with a wide variety of products and services; many of which are technically advanced and of significant economic value.

On the negative side , it results further barriers to people with disabilities and older persons .

On the positive side, there is potential for organisations to grow their business and increase market share by making their products accessible and usable by the widest range of users.

The Committee will continue to participate in regional and European work and the development of national deliverables to support the needs of persons following a Design for all Approach/ Universal Design principles. NSAI/TC023 will support its membership to participate in the various projects at regional and international level. As more new deliverables are launched, NSAI/TC23 will look for new participants to engage in the standards development process. It is expected that the following projects will be finalised in 2021:

1. ISO/TC228/WG14: Draft ISO/TC21902: Accessible tourism for all – Requirements and recommendations
2. Draft standard ISO/ CD23617: Ageing societies -Guidelines for an age-inclusive workforce
3. Draft standard ISO/ CD 23623: Ageing societies – Framework for dementia inclusive communities
4. Draft prEN 17210:Accessibility and usability of the built environment - Functional requirements
5. Draft pr/TR 17621 : Accessibility and usability of the built environment - Technical performance criteria and specifications
6. Draft pr/TR 17622:: Accessibility and usability of the built environment - Conformity assessment
7. Revision of ISO 21542: 2011
8. Revision of ISO/21542
9. Revision of EN 301 549

Furthermore a new Standardisation Request in support of the Directive (EU) 2019/882 of the European Parliament on the accessibility requirements for products and services will be launched in 2021.

This may have an impact on the following deliverables : EN 301 549 , EN 17161 and prEN 17210

It is also foreseen that as more and more technical committees at both regional and international level address accessibility in mainstream standards, that this committee will increase its stakeholder membership and work activities .

...end...