ANNUAL REPORT FOR 2020

NSAI

NSAI TECHNICAL COMMITTEE
NSAI/TC 66

CIRCULAR ECONOMY STANDARDS COMMITTEE

Contents

1   Chair's Statement

NSAI/TC 66 was established in late 2019 to facilitate the participation of Irish experts in the newly formed ISO/TC 323 Circular Economy and to facilitate further work in the area of circular economy in different sectors if needed.

In March 2020, as a result of the pandemic and covid_19 lockdown, the work of NSAI/TC 66 moved to online meetings at both national and international level. This collaboration continued through 2020 and into 2021 and engagement via remote standards development becoming part of the norm.

Although standards which are developed at ISO level are not mandatory for adoption by the National Standards Authority of Ireland, they are during their development ensuring state of the art in content. Along with this research being undertaken is informing content of these standards under development. Standards in the area of circular economy are driving the climate agenda and it is hoped that Policy makers along with the Irish government will reference these standards in their Strategy documents and industry can use the standards to enable them to meet their legal obligations along with corporate social responsibility.

I would like to thank all the members of the national committee and Convenors for their work and who participated at both national and international level ensuring the needs of Irish industry and stakeholders are being taken into account in the development of the standards.

David McCormack – *Chair NSAI/TC 66*

2   Introduction

David McCormack, Director of Sustainable Manufacturing at the Irish Manufacturing Research Ltd was appointed Chair of the National Committee NSAI/TC 66 and its subcommittee NSAI/TC 66/SC 1 in March 2020 by NSAI.

The role of this committee is to facilitate national experts to participate in standards committees that are established in the area of Circular economy. It is foreseen as this area grows a high-level expert group will participate in NSAI TC 66 representing government, policy makers, industry, researchers, environmental stakeholders, societal stakeholders amongst others. NSAI/TC 66 will be informed by the activities of its sub committees, working groups and external stakeholders.

Reference Material

1. Moving Towards the Circular Economy in Ireland:No.144 – A Study for NESC by Dr Simon O'Rafferty

2. Climate Action Plan 2019- To Tackle Climate Breakdown Department of Communications, Climate Action & Environment

3. Is Irish business getting ready for the Circular Economy – (IBEC) A survey conducted in association with the EPA

4. Realising opportunities for enterprise in bioeconomy and circular economy in Ireland

5. DCCAE Waste Action Plan for the Circular Economy Sept 2020

https://newplasticseconomy.org/projects/global-commitment

http://www.circulary.eu/

---

3   Scope of NSAI/TC 66

3.1   Scope of NSAI/TC 66

The SCOPE of NSAI/TC 66 is to facilitate national experts to participate in committees established within it in the area of Circular economy

3.2   Scope of NSAI/TC 66/SC 1

Sub Committee (SC) 1 is a subcommittee of the overarching committee NSAI/TC 66 and is Chaired by David McCormack.

The SCOPE of NSAI/TC 66/SC1 is aligned with that of ISO Technical Committee ISO/TC 323 Circular Economy. ISO/TC 323 is responsible for the development of standardization which includes the development of frameworks, guidance, supporting tools and requirements for the implementation of activities of all involved organizations, to maximize the contribution to Sustainable Development. It does not develop aspects of Circular Economy already covered by existing committees.

In parallel, the ISO TC 323 works in cooperation with existing committees on subjects that may support Circular Economy.

The Strategic Business Plan for ISO/TC 323, its working groups (WG's) can be viewed on the ISO website www.iso.org or at this link ;
https://isotc.iso.org/livelink/livelink/fetch/2000/2122/687806/ISO_TC_323_ Circular_Economy_.pdf ?nodeid=21218393&vernum=-2

The function and role of NSAI/TC 66/SC 1 is to:

- facilitate national inputs to drafts under development from ISO TC/323, its working groups (WGs).
- Advise NSAI on national inputs to ballots under development from ISO TC/323, and its working groups (WGs).

Details of the ISO technical committee and its working groups are provided in Table 1.

Table 1- ISO Technical Committee ISO/TC 323 and Working Groups

Name	Title
ISO /TC 323/CAG	Concepts and Terminology
ISO/TC 323/WG1	Terminology, principles, frameworks and management systems standard
ISO/TC 323/WG2	Practical approaches to develop and implement Circular Economy
ISO/TC 323/WG3	Measuring and assessing circularity
ISO/TC 323/WG4	Circular Economy in practice; experience feedback
ISO/TC 323/WG5	Product circularity data sheet

3.3   Sustainable Development Goals and standardisation

ISO/TC 323 committee contributes to the following Sustainable Development Goals:

NSAI/TC 66 Committee also acknowledges that this work contributes to Sustainable Development Goal 17 – "Partnerships for the goals".
NSAI/TC 66 supports NSAI 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 Sustainable Development Goals.

4   Structure and Membership

4.1   Structure of NSAI/TC 66

It is foreseen as this area grows a high level expert group will be established and participate in NSAI TC 66 and will be informed by the activities of its sub committees (SC's) , working groups (WG's) and external stakeholders/interested parties

4.2   Structure of NSAI/TC 66/SC 1

Table 2 outlines the structure NSAI/TC66/SC1 and its relationship with ISO/TC323.

Table 2- NSAI/TC66/SC1/WG and relationship to ISO Technical Committee 323 and Working Groups

NSAI/TC 66	Title	Mapped to Name
NSAI/TC66/SC1/WG1	Frameworks and principles for implementation	ISO/TC **323/WG1**
NSAI/TC66/SC1/WG2	Guidelines on business models and value chains	ISO/TC 323/WG**2**
NSAI/TC66/SC1/WG3	Measuring circularity framework	ISO/TC 323/WG**3**
NSAI/TC66/SC1/WG4	Circular Economy in practice; experience feedback	ISO/TC 323/WG**4**
NSAI/TC66/SC1/WG5	Product circularity	ISO/TC 323/WG**5**

Table 3 outlines the structure of NSAI/TCV 66/SC1 and the appointed Convenors of each of its working groups

Table 3- NSAI/TC66/SC1/WG Structure

NSAI/TC 66	Convenor Role held by
NSAI/TC 66/SC1/WG1	M Morris, Amber, TCD
NSAI/TC 66/SC1/WG2	G Brennan, IMR
NSAI/TC 66/SC1/WG3	J Gallagher , TCD
NSAI/TC 66/SC1/WG4	S Kelly. Murphy Group
NSAI/TC 66/SC1/WG5	Product circularity

4.3   Members of NSAI/TC66/SC1

Table 2 lists the membership for 2020.

Table 2 – Member list for 2020

Organisation	Role
IMR	Chair
NSAI	National Secretary
IBEC	Member
University of Limerick	Member
EPA	Member
SYSPRO	Member
TCD	Member
UCC	Member
GMIT	Member
DCCAE	Member
ARUP	Member
Rediscovery Centre	Member
AMBER, TCD	Member
IBEC	Member
NCAD	Member
MurphyGroup	Member
Beauparc	Member
Fingal CoCo	Member

5   Summary of 2020 Activities

5.1   National

5.1.1   Meetings

Committee meetings held in NSAI during 2020 are shown in Table 3.

Table 3 – Committee meetings held in 2020

Meeting No.	Date	Venue
1	24 February 2020	NSAI Head Office, Dublin
2	15th April 2020	Online Zoom
3	24th April 2020	Online Zoom
4	3rd September 2020	Online Zoom
5	29th October 2020	Online Zoom

5.2   National Work

The 2020 national work for NSAI/TC 66 was to focus on the provision of inputs to preliminary work items (PWI's) and then draft documents produced by ISO/TC 323 and its working groups and advising NSAI on any open ballots.

5.3   International

5.3.1   Meetings

A Plenary Meeting of ISO/TC 323 was held in June and July 2020 attended online Zoom due to the pandemic. At the same time the working groups of ISO/TC 323 met in the same period as the Plenary meetings of ISO/TC 323.

Further to that a number of meetings of the working groups were held in the 3rd and last quarter of 2020. throughout the year.

5.3.2   International Work

In 2020, the work programme for ISO/TC 323 along with the work groups consisted of the following work items:

New work items were issued by ISO/TC 323 as follows:

- PWI: 99020 Measuring circularity framework
- PWI:99010: Guidelines on business models and value chains
- PWI:99004 Framework and principles for implementation

which were formalised into a number of work items:

- ISO/WD 59004: Circular economy — Framework and principles for implementation
- ISO/WD 59010: Circular economy — Guidelines on business models and value chains
- ISO/WD 59020 ; Circular economy — Measuring circularity framework
- ISO/CD TR 59031 : Circular economy – Performance-based approach – Analysis of cases studies

5.3.3   International Voting Results

The National Committee participated in the following ballots opened by ISO/TC 323.

	Comments Rec'd	Decision	Ballot closed date
ISO TC 323 - Establishment of WG4	No	Approve	04/05/2020
ISO TC 323 - Establishment of WG1	No	Approve	08/04/2020
ISO TC 323 - Establishment of WG2	No	Approve	08/04/2020
ISO TC 323 - Establishment of WG3	No	Approve	08/04/2020
TR Performance-based approach for circular economy	No	Approve	04/05/2020
ISO/PWI 99004	Yes	Approve	04/05/2020
ISO/PWI 99010	Yes	Approve	04/05/2020
ISO/PWI 99020	Yes	Approve	04/05/2020
Resolutions of the 2nd plenary meeting of ISO TC 323	No	Approve	01/07/2020
Ballot on A liaison with WBCSD	No	Approve	24/08/2020

1st proposal titles and scopes of ISO TC 323 Working Groups	No	Disapprove	09/12/2020

NOTE: Internal ballots raised by ISO/TC 323/WG's are not recorded or tracked in system.

5.4 Regulatory Development/Update

NSAI/TC66 is currently not engaged in any standards development work of a regulatory nature.

6 Irish Publications/Reviews

6.1 Publications

The NSAI TC66 Committee did not publish any indigenous standards in 2020 and it is not foreseen that the production of indigenous standards will be part of its scope in the future.

6.2 Reviews

In the absence of indigenous Irish Standards   reviews were not undertaken during 2020.

7 Work programme for 2021 onwards

- Because of the international nature of ISO/TC323, NSAI/TC 66 will continue to contribute to standardisation work at the international level and at European level when standards work commences therein.
- NSAI/TC 66/SC1 will continue to engage in the work of input as necessary to the ISO/TC 323 work programme.

………………End of Report ……………………………………………………