



# 2022

ANNUAL REPORT

**CENELEC**

EUROPEAN COMMITTEE  
FOR ELECTROTECHNICAL STANDARDIZATION

# TABLE OF CONTENTS

|    |                              |
|----|------------------------------|
| 2  | CENELEC ADMINISTRATIVE BOARD |
| 3  | CENELEC AT A GLANCE          |
| 5  | CENELEC DEVELOPMENTS IN 2022 |
| 10 | ANNUAL ACCOUNTS              |
| 12 | THE CENELEC COMMUNITY        |

[www.cencenelec.eu](http://www.cencenelec.eu)

# CENELEC ADMINISTRATIVE BOARD

The CENELEC Administrative Board (CENELEC/CA) manages and administers CENELEC’s business, directing the work and coordinating the actions of all CENELEC bodies with the aim of executing the decisions taken by the General Assembly (AG). The CENELEC/CA also takes all steps that it considers necessary to achieve CENELEC’s corporate goals in its dealings with various partners and interlocutors including national, European or international authorities and other organizations.

The CENELEC/CA normally meets three times per year and comprises the CENELEC Officers: the President, the President-Elect, three Vice-Presidents (Finance, Policy and Technical) and up to nine ordinary Board members, all of whom are appointed by the whole CENELEC membership (AG). The Director General of CEN and CENELEC also participate in CA meetings and acts as secretary.

➔ For more information about the CENELEC Administrative Board and its members, please visit the dedicated webpage.



*Legende pour la photo: Group picture of CENELEC Board Members in November 2022. From left to right: Enda McDonnell (Ireland), Jan-Anders Richert (Sweden), Pambos Kammass (Cyprus), David Bell (UK), Anna Tanskanen (Finland), Karl-Heinz Mayer (Vice-President Finance), Ewa Zielinska (Vice-President Policy), Giuseppe Molina (Italy), Wolfgang Niedziella (CENELEC President), Frédéric Vaillant (Vice-President Technical), Elena Santiago Cid (CEN and CENELEC Director General), Ingars Pilmanis (Latvia)*

# CENELEC AT A GLANCE



European Standards



Workshop Agreements



Technical Specifications



Technical Reports



European Standards identical to International Standards (IEC)



IN 2022

**383**

**3**

**7**

**28**

**294**

Deliverables published in 2022

**425**

OVERALL ON 31 DECEMBER 2022



**7 733**

**18**

**91**

**202**

**4 892**

Portfolio at the end of 2022

**8 094**

[www.cencenelec.eu](http://www.cencenelec.eu)

CENELEC COMMUNITY



**34**

National Standardization Organizations  
(34 countries)



**7**

Companion Standardization Bodies



**72**

European Partners



**69**

Technical Committees (TCs)



**324**

Working Groups (of TCs & SCs)

**6**

Affiliates

**2**

Counsellors (EC + EFTA)

**12**

Partner Organizations

**34**

Liaison Organizations

**5**

European Institutional Stakeholders

**19**

Other Partner Organizations

**22**

Joint Technical Committees (CEN-CENELEC and CEN-CENELEC-ETSI)

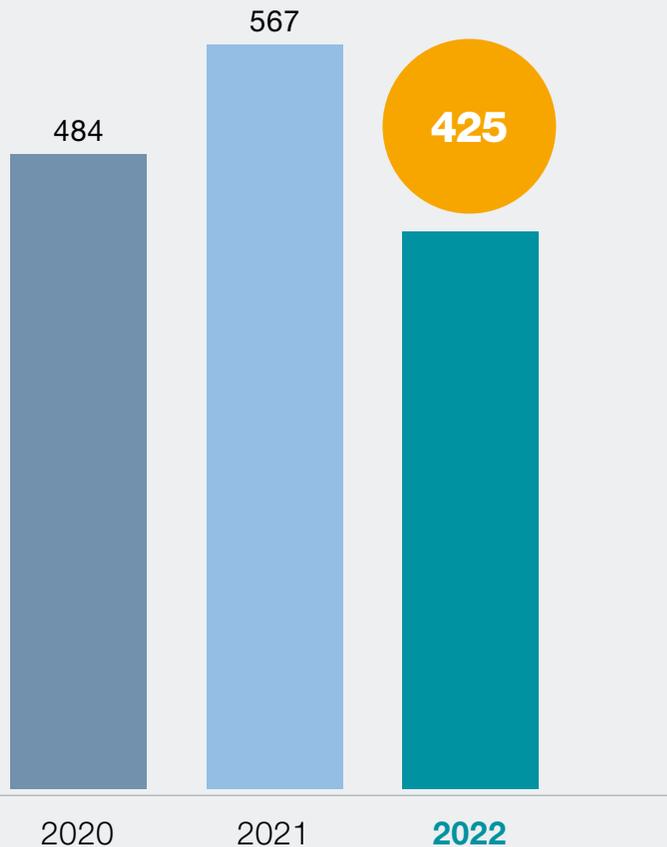
# CENELEC DEVELOPMENTS IN 2022



[www.cencenelec.eu](http://www.cencenelec.eu)

CENELEC IN 2022

Deliverables

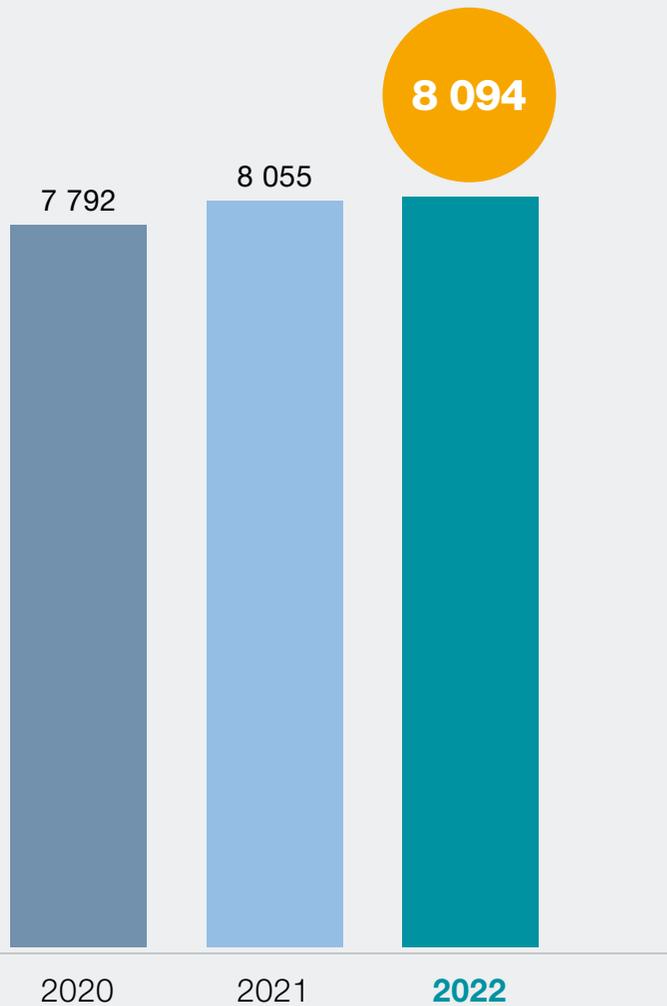


| STANDARDS                     | 2020       | 2021       | 2022       |
|-------------------------------|------------|------------|------------|
| European Standards (ENs)*     | 452        | 503        | 378        |
| harmonisation Documents (HDs) | 2          | 3          | 5          |
| <b>TOTAL</b>                  | <b>454</b> | <b>506</b> | <b>383</b> |

| DELIVERABLES                               | 2020       | 2021       | 2022       |
|--|------------|------------|------------|
| Standards (ENs + HDs)*                     | 454        | 506        | 383        |
| CENELEC Technical Reports (TRs)            | 8          | 7          | 28         |
| CENELEC Technical Specifications (TSs)     | 9          | 13         | 5          |
| CEN-CENELEC Technical Specifications (TSs) | 0          | 0          | 2          |
| CENELEC Workshop Agreements (CWAs)         | 2          | 3          | 3          |
| CENELEC Guides (CGs)                       | 1          | 1          | 3          |
| CEN-CENELEC Guides                         | 3          | 3          | 1          |
| <b>TOTAL</b>                               | <b>484</b> | <b>567</b> | <b>425</b> |

\*Excluding Corrigenda

CENELEC OVERALL AT THE END OF 2022



| PORTFOLIO OF DELIVERABLES                       | 2020         | 2021         | 2022         |
|---|--------------|--------------|--------------|
| European Standards (ENs + HDs)*                 | 6 105        | 6 253        | 6 264        |
| Amendments                                      | 1 388        | 1 460        | 1 469        |
| CENELEC Technical Reports (TRs)                 | 129          | 130          | 127          |
| CEN-CENELEC Technical Reports                   | 3            | 31           | 31           |
| CEN-CENELEC-ETSI Technical Reports              | 4            | 3            | 4            |
| CENELEC-ETSI Technical Reports                  | 1            | 1            | 1            |
| CENELEC Technical Specifications (TSs)          | 91           | 94           | 89           |
| CENELEC Workshop Agreements (CWAs)              | 10           | 15           | 18           |
| CENELEC Guides                                  | 14           | 14           | 14           |
| CEN-CENELEC Guides                              | 34           | 35           | 36           |
| Pre-Standards (ENVs)                            | 3            | 3            | 0            |
| Reports   | 1            | 1            | 0            |
| <b>TOTAL number of active deliverables</b>      | <b>7 792</b> | <b>8 055</b> | <b>8 094</b> |
| Number of Harmonised deliverables               | 1 295        | 1 295        | 1 364        |
| Number of Harmonised deliverables as % of total | 16,61%       | 16,07%       | 17%          |

\*Excluding Corrigenda

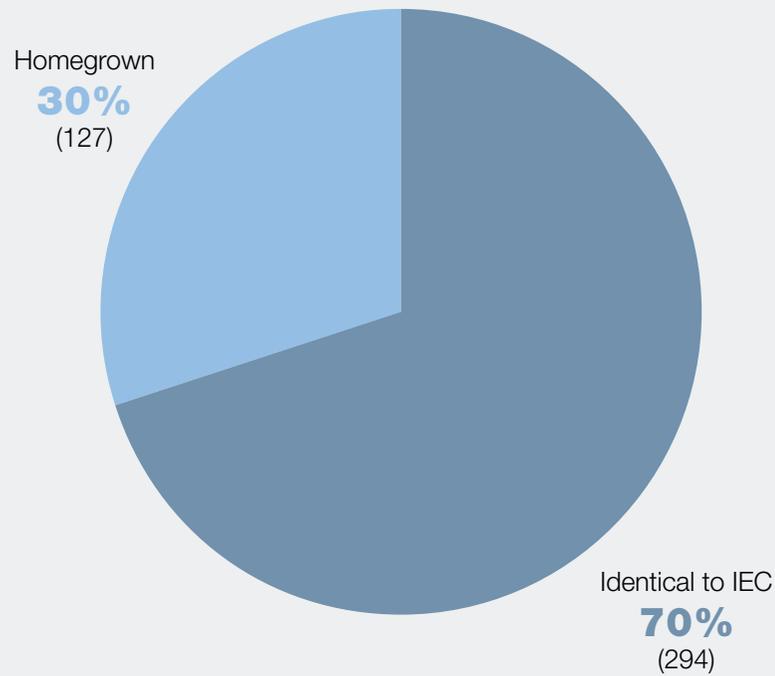
| TECHNICAL BODIES                   | 2020       | 2021       | 2022       |
|------------------------------------|------------|------------|------------|
| Technical Committees/Subcommittees | 69         | 69         | 69         |
| TS/SC Working Groups               | 314        | 321        | 324        |
| BT Task Forces/BT Working Groups   | 15         | 15         | 17         |
| Workshops                          | 3          | 3          | 3          |
| <b>TOTAL</b>                       | <b>401</b> | <b>408</b> | <b>413</b> |

| JOINT TECHNICAL BODIES* | 2020      | 2021      | 2022      |
|-------------------------|-----------|-----------|-----------|
| <b>TOTAL</b>            | <b>66</b> | <b>77</b> | <b>78</b> |

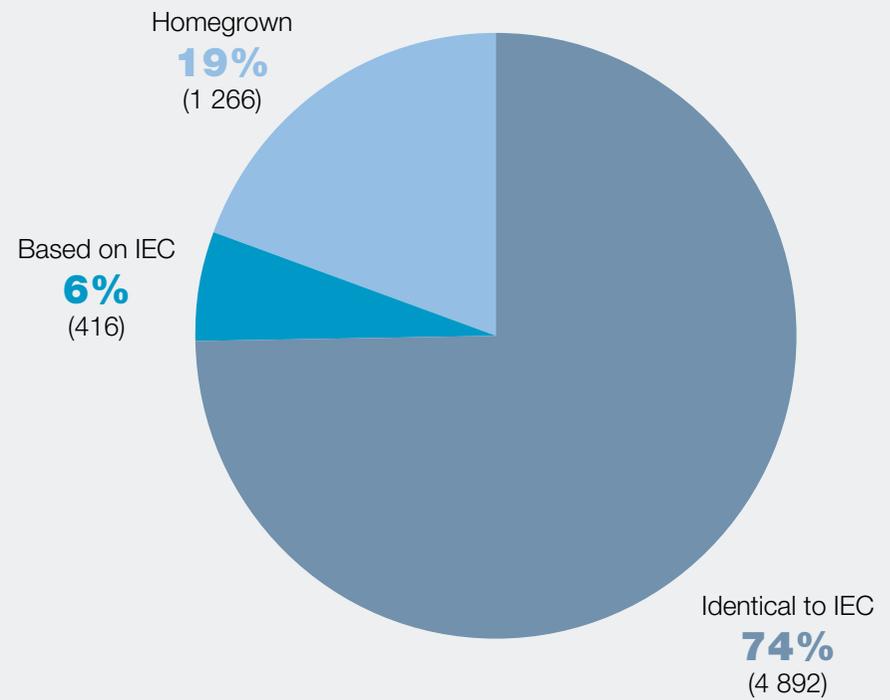
\*CEN-CENELEC and CEN-CENELEC-ETSI

### INTERNATIONAL RELATIONS

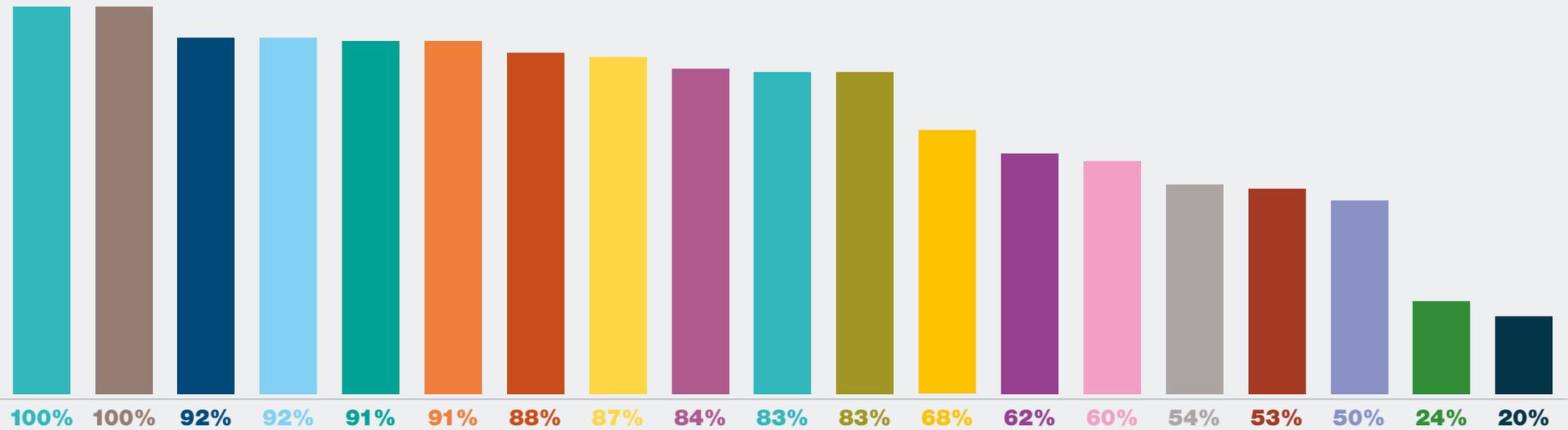
CENELEC Deliverables published in 2022, in relation to IEC



CENELEC Portfolio at the end of 2022, in relation to IEC

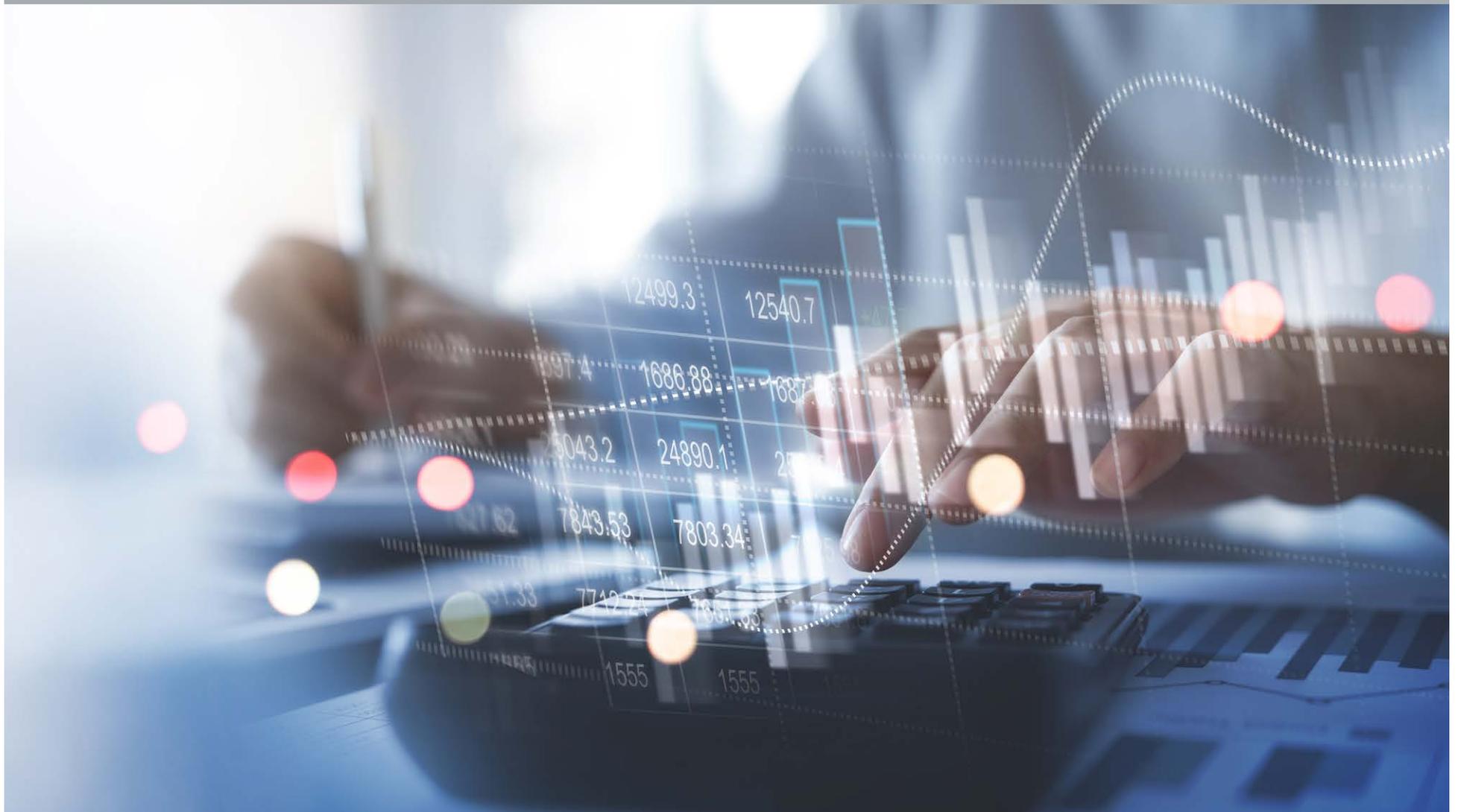


PERCENTAGE OF DELIVERABLES IDENTICAL TO IEC PUBLICATIONS PER BUSINESS SECTOR, CENELEC PORTFOLIO



- Services
- Mining and metals
- Electrotechnology General
- Electronic, Electromechanical And Electrotechnical Supplies
- Electric Motors And Transformers
- Electric Equipment And Apparatus
- Construction
- Lighting Equipment And Electric Lamps
- Digital society
- Healthcare
- Accumulators, Primary Cells And Primary Batteries
- Energy and utilities
- Insulated Wire And Cable
- Occupational Health And Safety
- Mechanical And Machines
- Household appliances and HVAC
- Low Voltage Electrical Equipment And Installations
- Transport And Packaging
- Defence and Security

# ANNUAL ACCOUNTS



[www.cenelec.eu](http://www.cenelec.eu)

| <b>ASSETS</b> (€ x 1000)*           | <b>2020</b> | <b>2021</b> | <b>2022</b> |
|-------------------------------------|-------------|-------------|-------------|
| Fixed Assets                        | 526         | 725         | 627         |
| Current Assets                      | 1 863       | 1 084       | 1 183       |
| Liquid Assets                       | 3 378       | 2 452       | 2 410       |
| Prepaid Expenses and accrued income | 103         | 82          | 89          |
| <b>TOTAL</b>                        | <b>5870</b> | <b>4343</b> | <b>4309</b> |

| <b>LIABILITIES</b> (€ x 1000)*         | <b>2020</b> | <b>2021</b> | <b>2022</b> |
|--|-------------|-------------|-------------|
| Reserves                               | 2 500       | 2 395       | 2 372       |
| Provisions for liabilities and charges | 321         | 214         | 88          |
| Payable                                | 1 942       | 1 291       | 1 609       |
| Accrued expenses & deferred income     | 1 107       | 443         | 240         |
| <b>TOTAL</b>                           | <b>5870</b> | <b>4343</b> | <b>4309</b> |

| <b>EXPENDITURE</b> (€ x 1000)*            | <b>2020</b>  | <b>2021</b>  | <b>2022</b>  |
|---|--------------|--------------|--------------|
| Staff costs                               | 2 887        | 2 966        | 3 181        |
| Other operating costs                     | 1 000        | 914          | 978          |
| Contractual expenses                      | 120          | 781          | 135          |
| Digital transformation costs              | 42           | 107          | 156          |
| Digital transformation / Use of provision | (42)         | (107)        | (125)        |
| Office move project costs                 | 45           | 37           | 37           |
| Office move project / Use of provision    | 0            | 0            | 0            |
| <b>TOTAL</b>                              | <b>4 052</b> | <b>4 698</b> | <b>4 362</b> |

\* Figures are given in thousands of euro

| <b>INCOME</b> (€ x 1000)*                    | <b>2020</b>  | <b>2021</b>  | <b>2022</b>  |
|--|--------------|--------------|--------------|
| Contributions                                | 3 268        | 3 247        | 3 555        |
| Interest                                     | -            | -            | 0            |
| Contractual income                           | 727          | 1 343        | 768          |
| Miscellaneous                                | 12           | 3            | 15           |
| <b>TOTAL</b>                                 | <b>4 007</b> | <b>4 594</b> | <b>4 338</b> |
| <b>Operational profit/(loss) of the year</b> | (45)         | (105)        | (24)         |

| <b>Result of the year - Appropriation</b> |    |      |       |
|---|----|------|-------|
| Use of reserves for investments           | 45 | 37   | 37    |
| Contribution to reserves for investment   | -  | -    | (112) |
| <b>Net profit/ (loss) of the year</b>     | -  | (68) | (98)  |

| <b>FINANCING OF THE GEN-CENELEC MANAGEMENT CENTRE</b><br>(CENELEC Part) | <b>2020</b> | <b>2021</b> | <b>2022</b> |
|---|-------------|-------------|-------------|
| Membership fees   | 84%         | 85%         | 85%         |
| EC/EFTA support to standardization                                      | 16%         | 15%         | 15%         |
| Other support   | 0%          | 0%          | 0%          |
| <b>TOTAL</b>  | <b>100%</b> | <b>100%</b> | <b>100%</b> |

# THE CENELEC COMMUNITY

## MEMBERS

CENELEC's National Members are the National Committees of the 27 European Union countries, United Kingdom, the Republic of North Macedonia, Serbia and Türkiye plus three countries of the European Free Trade Association (Iceland, Norway and Switzerland). CENELEC members are national organizations entrusted with electrotechnical standardization, recognized both at National and European level as being able to represent all standardization interests in their country. Only one organization per country may be member of CENELEC.

➔ More information on CENELEC's membership can be found at this link.

### Austria



**OVE** - Austrian Electrotechnical Association  
[www.ove.at](http://www.ove.at)

### Belgium



**CEB-BEC** - Comité Electrotechnique Belge/  
 Belgisch Elektrotechnisch Comité  
[www.ceb-bec.be](http://www.ceb-bec.be)

### Bulgaria



**BDS** - Bulgarian Institute for Standardization  
[www.bds-bg.org](http://www.bds-bg.org)

### Croatia



**HZN** - Croatian Standards Institute  
[www.hzn.hr](http://www.hzn.hr)

### Cyprus



**CYS** - Cyprus Organization for Standardisation  
[www.cys.org.cy](http://www.cys.org.cy)

### Czech Republic



**UNMZ** - Czech Office for Standards,  
 Metrology and Testing  
[www.unmz.cz](http://www.unmz.cz)

### Denmark



**DS** - Dansk Standard  
[www.ds.dk](http://www.ds.dk)

### Estonia



**EVS** - Non-profit Association Estonian Centre  
 for Standardisation and Accreditation  
[www.evs.ee](http://www.evs.ee)

### Finland



**SESKO** - Finnish Electrotechnical Standards  
 Association  
[www.sesko.fi](http://www.sesko.fi)

[www.cencenelec.eu](http://www.cencenelec.eu)

|   |   |
|---|---|
| <b>France</b>   |   |
|      | <b>AFNOR-CEF</b> - AFNOR-Comité Electronique Français<br><a href="http://www.afnor.org">www.afnor.org</a>   |
| <b>Germany</b>  |   |
|      | <b>DKE</b> - German Commission for Electrical, Electronic and Information Technologies of DIN and VDE<br><a href="http://www.dke.de">www.dke.de</a> |
| <b>Greece</b>   |   |
|      | <b>NQIS/ELOT</b> - National Quality Infrastructure System<br><a href="http://www.elot.gr">www.elot.gr</a>   |
| <b>Hungary</b>  |   |
|      | <b>MSZT</b> - Hungarian Standards Institution<br><a href="http://www.mszt.hu">www.mszt.hu</a>   |
| <b>Iceland</b>  |   |
|     | <b>IST</b> - Icelandic Standards<br><a href="http://www.stadlar.is">www.stadlar.is</a>  |
| <b>Ireland</b>  |   |
|    | <b>NSAI</b> - National Standards Authority of Ireland<br><a href="http://www.nsai.ie">www.nsai.ie</a>   |
| <b>Italy</b>  |   |
|    | <b>CEI</b> - Comitato Elettrotecnico Italiano<br><a href="http://www.ceinorme.it">www.ceinorme.it</a>   |
| <b>Latvia</b>   |   |
|    | <b>LVS</b> - Latvian Standard Ltd.<br><a href="http://www.lvs.lv">www.lvs.lv</a>  |
| <b>Lithuania</b>  |   |
|    | <b>LST</b> - Lithuanian Standards Board<br><a href="http://www.lsd.lt">www.lsd.lt</a>   |
| <b>Luxembourg</b>   |   |
|    | <b>ILNAS</b> - Organisme Luxembourgeois de Normalisation<br><a href="http://www.portail-qualite.lu">www.portail-qualite.lu</a>                      |
| <b>Malta</b>  |   |
|    | <b>MCCAA</b> - The Malta Competition and Consumer Affairs Authority<br><a href="http://www.mccaa.org.mt/">www.mccaa.org.mt/</a>                     |
| <b>Netherlands</b>  |   |
|   | <b>NEC</b> - Nederlands Electrotechnisch Comité<br><a href="http://www.nen.nl">www.nen.nl</a>   |
| <b>Norway</b>   |   |
|  | <b>NEK</b> - Norsk Elektroteknisk Komite<br><a href="http://www.nek.no">www.nek.no</a>  |
| <b>Poland</b>   |   |
|  | <b>PKN</b> - Polish Committee for Standardization<br><a href="http://www.pkn.pl">www.pkn.pl</a>   |

Portugal



**IPQ** - Instituto Português da Qualidade  
[www1.ipq.pt/PT/Pages/Homepage.aspx](http://www1.ipq.pt/PT/Pages/Homepage.aspx)

Republic of North Macedonia



**ISRS** - Standardization Institute of the Republic of North Macedonia  
[isrsm.gov.mk/en/](http://isrsm.gov.mk/en/)

Romania



**ASRO** - Romanian Standards Association  
[www.asro.ro](http://www.asro.ro)

Serbia



**ISS** - Institute for Standardization of Serbia  
[www.iss.rs](http://www.iss.rs)

Slovakia



**UNMS SR** - Slovak Office of Standards Metrology and Testing  
[www.unms.sk](http://www.unms.sk)

Slovenia



**SIST** - Slovenian Institute for Standardization  
[www.sist.si](http://www.sist.si)

Spain



**UNE** - Asociación Española de Normalización  
[www.une.org](http://www.une.org)

Sweden



**SEK** - Svensk Elstandard  
[www.elstandard.se](http://www.elstandard.se)

Switzerland



**Electrosuisse** - Association for Electrical Engineering, Power and Information Technologies  
[www.electrosuisse.ch](http://www.electrosuisse.ch)

Türkiye



**TSE** - Turkish Standards Institution  
[www.tse.org.tr](http://www.tse.org.tr)

United Kingdom



**BSI** - British Standards Institution  
[www.bsigroup.com](http://www.bsigroup.com)

## AFFILIATES

The 'National Committees' (NCs) of the countries formally recognized by the European Union as potential candidates for EU membership can become a CENELEC Affiliate. One criterion is for them to integrate fully the 'European Standardization System' (ESS) in order to achieve technical harmonization within the framework of the 'European Single Market'. Their goal is to adopt the CENELEC catalogue of standards and to bring a meaningful contribution to the technical work carried out in the CENELEC Technical Committees.

➔ More information on CENELEC's Affiliates can be found at this link.

### Albania



**DPS** - General Directorate of Standardization-Albania  
[www.dps.gov.al](http://www.dps.gov.al)

### Bosnia and Herzegovina



**ISBIH** - Institute for Standardisation of Bosnia and Herzegovina (ISBIH)  
[www.isbih.gov.ba](http://www.isbih.gov.ba)

### NEW in 2022 Georgia



**GEOSTM** - Georgian National Agency for Standards and Metrology  
[www.geostm.ge](http://www.geostm.ge)

### NEW in 2022 Moldova, Republic of



**ISM** - Institute for Standardization of Moldova  
[www.standard.md](http://www.standard.md)

### Montenegro



**ISME** - Institute for Standardization of Montenegro  
[www.isme.me](http://www.isme.me)

### NEW in 2022 Ukraine



**SE UkrNDNC** - Ukrainian scientific-research and training center of issues of standardization, certification and quality  
<http://uas.org.ua/ua/>

## COMPANION STANDARDIZATION BODIES

The Companion Standardization Body (CSB) status is open to a National Committee (NC), which is a member or associate member of the International Electrotechnical Commission (IEC). Interested NCs work closely with CENELEC to achieve technical harmonization, and contribute to the removal of technical barriers to trade between their country and Europe.

➔ More information on CENELEC's CSBs can be found at this link.

### Cote D'Ivoire



**CODINORM** - Côte d'Ivoire Normalisation  
[www.codinorm.ci/](http://www.codinorm.ci/)

### Egypt



**IEC NC of Egypt** - Ministry of Electricity & Energy  
[www.moee.gov.eg](http://www.moee.gov.eg)

### Israel



**SII** - Standards Institution of Israel  
[www.sii.org.il](http://www.sii.org.il)

### Jordan



**JSMO** - Jordan Standards and Metrology Organization  
[www.jsmo.gov.jo](http://www.jsmo.gov.jo)

### Kazakhstan



**KAZMEMST** - Committee for Standardization, Metrology and Certification  
<https://memst.kz/en/>

### Morocco



**COMELEC** - Moroccan Committee for Electrotechnical Standardization  
[www.imanor.gov.ma](http://www.imanor.gov.ma)

### Tunisia



**INNORPI** - National Institute for Standardization and Industrial Property (INNORPI)  
[www.innorpi.tn](http://www.innorpi.tn)

## EUROPEAN PARTNERS

CENELEC foresees a series of formats to collaborate with European stakeholders on a variety of topics of common interest. Details on the forms of partnerships available and on their rules can be found in the [↪ CEN-CENELEC Guide 25 on 'The concept of Cooperation with European Organizations and other stakeholders'](#).

In 2022, CENELEC contributed with the following categories of stakeholders:

### PARTNER ORGANIZATIONS

The status of 'Partner Organization' is addressed to those organizations having an interest in cooperation at overall corporate and technical level with CENELEC.

[↪](#) The full list of the **12 CENELEC partner organizations** can be found at this link.

### LIAISON ORGANIZATIONS

The status of 'Liaison Organization' is offered to those European organizations, including fora and consortia, representing interest groups that are committed to provide input to the work of one or more CENELEC Technical Bodies.

[↪](#) The full list of the **34 CENELEC liaison organizations** can be found at this link.

### EUROPEAN COUNSELLORS

CENELEC, through the development and adoption of European (harmonized) Standards and other deliverables, actively contribute to the economic policy objectives of the European Union and European Economic Area.

In this context, CENELEC seeks effective partnership with those relevant European Institutions who have specific interest in the CENELEC standardization activities. This includes primarily the European Commission and the EFTA Secretariat, with whom CENELEC enjoys a consolidated private-public partnership through the "General Guidelines for the Cooperation between CEN, CENELEC and ETSI and [↪](#) European Commission and [↪](#) EFTA", the Framework Partnership Agreements and the annual Operating Grants.

### EUROPEAN INSTITUTIONAL STAKEHOLDERS

Considering the CENELEC mission and contribution to the objectives of the European Single Market, it is of primary importance to ensure, whenever necessary, full partnership with relevant European Commission's Agencies, Research Services or other European intergovernmental organizations.

[↪](#) The full list of the 5 CENELEC European Institutional Stakeholders can be found at this link.

## OTHER PARTNER ORGANIZATIONS

In few specific and exceptional cases when the organization, or the nature of the partnership, do not fall under any of the above indicated categories, CENELEC may conclude specific partnership agreements on a case-by-case basis.

➔ The full list of the **19 CENELEC Other Partner Organizations** can be found at this link.

## ABOUT CENELEC

CENELEC (European Committee for Electrotechnical Standardization) is recognised by the EU and EFTA as one of the official European Standardization Organisations responsible for developing standards at European level. These standards set out specifications and procedures for a wide range of materials, processes, products and services.

The members of CENELEC are the National Electrotechnical Committees of 34\* European countries. European Standards (ENs) and other standardization deliverables adopted by CENELEC are accepted and recognised in all these countries.

European Standards contribute to enhancing safety, improving quality, facilitating cross-border trade, and strengthening the European Single Market. They are developed through a process of collaboration between experts nominated by business and industry, research institutes, consumer and environmental organizations and other stakeholders. CENELEC works to promote the international alignment of standards in the framework of the technical cooperation agreement with IEC (International Electrotechnical Commission).

*\* number of full members in January 2023*

For more information, please visit: [www.cencenelec.eu](http://www.cencenelec.eu)

**CREATED:**

Losfeld Communication  
Rue de la Couronne, 76  
B-7730 Estaimpuis, Belgium  
[www.losfeld.be](http://www.losfeld.be)

**PUBLISHER:**

Giovanni Collot  
CEN-CENELEC Management Centre  
Rue de la Science, 23  
B - 1040 Brussels, Belgium  
© CENELEC 2023