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**UNE**

**Normalización Española**

**Annual Report 2022**
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It is an honor to present the report on the activities of the Spanish Association for Standardization (UNE), as well as the most noteworthy aspects of its subsidiaries AENOR Internacional S.A.U. and Centro de Ensayos, Innovación y Servicios S.L. (CEIS).

Before going into detail, I would like to thank the members of UNE for placing their trust in me by electing me president of this organization at the last elections. I am taking up this position with enthusiasm, a feeling of responsibility and the wish to help strengthen the significant role played by the Spanish standardization organization in the achievement of shared progress by society and the creation of a safer, more sustainable, and competitive world.

We closed 2022, the first year of implementing Strategy 2025, with positive results. This ambitious plan to help Spanish society overcome its main challenges through standardization is based on three strategic objectives: providing solutions for the challenges facing society; accomplishing the organization’s digital transformation; and being recognized as a model organization.

UNE published 3,145 standards in 2022. These, which were mainly developed with business leaders and in partnership with all stakeholders (including, among others, government departments and agencies, universities, users, and technology centers), aim to provide an effective response to the challenges faced by organizations in fields such as the dual ecological and digital transition, competitiveness, innovation, training for professionals, sustainability, good governance, foreign trade, and access to international markets.

I would like to emphasize our organization’s global dimension in its standardization task: 87.3% of UNE standards are international or European in origin, facilitating Spanish companies’ exports and making a clear contribution to their competitiveness. In this international context, I would like to stress the reputation and influence achieved by the standardization work carried out in Spain. We are a global benchmark, and an increasing number of Spanish standards are being used as the basis for global standards. Furthermore, each year Spanish experts take on new international positions of responsibility - currently almost 150 - in the field of standardization. These include, among others, the position held by Javier García, Director General of UNE, as Vice President of ISO. In addition to being a source of pride, this also provides evidence of a well-deserved recognition of the work carried out by our staff and an opportunity for Spanish businesses to lead the global standards that will help them overcome the challenges facing them.

I would like to conclude with a few words of thanks: to the more than 500 members of UNE, for their vision and commitment to standardization; to the Spanish government departments and agencies, for their unconditional support in this perfect example of a public-private partnership; to the more than 6,000 Spanish organizations whose top professionals lead the development of standards, for the trust placed by them in standardization; and to our own staff, for their hard work and dedication.
The year 2022 has been a key year for the future of standardization. In addition to starting to implement UNE’s Strategy 2025, the European Standardization Strategy, as mentioned in the letter from the President, was published by the European Commission during the year. This is a huge political endorsement of standardization as a tool that must significantly help support an EU single market that is green, digital and resilient.

In the context of this evolution of the role of standardization, the development of standards to support organizations in their environmental, social and governance challenges has made this a particularly noteworthy year. The publication of the ISO Net-Zero Guidelines, the reactivation of the UNE Gender Equality Committee, and the publication of Standard UNE-ISO 37000 Governance of organizations respectively, are particularly worth noting.

In line with European political support for standardization, in 2022 the relationship between standardization and public policy also received a domestic boost at national level. The new partnerships with the Ministry of Economic Affairs and Digital Transformation, the Ministry of Agriculture, Fisheries, and Food, and the Ministry of Transport, Mobility, and the Urban Agenda, as well as naturally the Ministry of Industry, Trade, and Tourism, among others, are particularly worth mentioning.

The challenges facing society and companies are therefore to a great extent European and global in scope. This is why it is so important to become increasingly involved in the development and leadership of European and international standards. Within Europe, UNE has joined ETSI (European Telecommunications Standards Institute) as a full member to help Spanish organizations to become involved in the development of key standards in response to the challenge of digitalization. Also in Europe, UNE has become a permanent member of the Boards of Directors of CEN and CENELEC. Finally, taking up my position as Vice President of ISO is a way for me to raise further awareness in every sector of the importance of leading and being actively involved in the development of international standards. In this summary of 2022, I would like to mention in particular the international cooperation work carried out. I am referring more specifically to a project...
carried out with SASO, the Saudi Arabia standards organization, in which Spanish experts advised their Saudi counterparts on how to best use international standards and quality assessment infrastructure in general, with everything that this entails in terms of the harmonization of standards between the two markets.

I would like to finish by highlighting the most noteworthy aspects of the year in terms of making UNE a model organization in its own ecosystem. The well-being of our staff required special attention in 2022. Towards the end of the COVID-19 healthcare crisis, we carried out a work climate survey. This yielded excellent results, partly due to the implementation of hybrid work and equal opportunities measures, which led to the approval of a new Equality Plan. At the same time, we have continued to digitalize UNE's work as regards both the standards development process and the generation of their content in formats that make their subsequent commercial distribution easier and lead to a better user experience.

The corporate rebranding process carried out at the latter end of the year was a key step in capturing how we wanted UNE to evolve towards the future in terms of the essential values of standardization: dialog that leads to consensus, involvement by every party, and an open and transparent process.

On this basis, we will continue to provide Spain with a service that adds value to the task of addressing the key challenges facing our society.
# UNE in 2022, at a glance

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<th>UNE standards</th>
<th>European standards adopted</th>
<th>Technical standardization bodies</th>
<th>Members</th>
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<tr>
<td><strong>2022 data</strong></td>
<td>3,145</td>
<td>3,003</td>
<td>30</td>
<td>21</td>
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<tr>
<td><strong>Cumulative total as of the end of 2022</strong></td>
<td>36,702</td>
<td>30,046</td>
<td>969</td>
<td>532</td>
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</table>
Second Annual Report of the Market Surveillance Observatory, which analyzes the market situation with respect to compliance with legislation and standards

Agreements in force with government departments and agencies

Over 87% UNE, international or European standards

Standards by sector

UNE 2022 Annual Report
The objectives we have set establish the steps that will guide us to achieve our vision, helping us to drive corporate competitiveness and social development through standards that generate trust.

They will contribute to maximizing our impact and ensuring that, we can make it easier for Spanish professionals to collaborate with their counterparts from other countries to develop standards and cooperation projects that address the challenges facing society.

UNE provides solutions to the challenges facing society

- Making Spain a more resilient country.
- Supporting the ecological and energy transition and digital transformation of Spain’s business fabric.
- Contributing to meeting social challenges.
- Accelerating access to the market for innovations.
- Strengthening the multilateral system of international trade, especially the EU Internal Market.

UNE accomplishes its digital transformation

- Producing standards suitable for the digital economy.
- Transforming the process of developing standards.
- Bringing UNE’s financing model into the digital age.
- Supporting UNE’s professionals and providing them with digital skills.

UNE is recognized as a model organization in its ecosystem

- Implementing best practices in Good Corporate Governance.
- Strengthening communication on the benefits of standardization for Spanish society.
- Promoting Market Unity through the use of and compliance with standards in collaboration with government departments and agencies.
- Attracting leading Spanish companies to become members of UNE.
- Enhancing Spain’s quality assessment infrastructure.
Objective 01
UNE provides solutions to the challenges facing society

1.1 Making Spain a more resilient country

1.2 Supporting the ecological and energy transition and digital transformation of Spain's business fabric

1.3 Contributing to meeting social challenges

1.4 Accelerating access to the market for innovations

1.5 Strengthening the multilateral system of international trade, especially the EU Internal Market
1.1 Making Spain a more resilient country

Good Governance, Compliance, Risk Management, Continuity, and Resilience

Standards and projects in progress
- UNE-ISO 37000 Governance of organizations. Guidance
- UNE-IWA 31 Risk management. Guidelines on using ISO 31000 in management systems
- PNE-EN IEC 31010 Risk management. Risk assessment techniques
- PNE 19603 Management system for competence compliance
- PNE 19604 Management system for socio-labor compliance
- UNE-CWA 17727 City Resilience Development. Guide to combine disaster risk management and climate change adaptation. Historic areas

Organizations’ Good Governance Report
This highlights standardization’s outstanding contribution to Good Corporate Governance.
40 standards act as a driver for several strategic areas.

Evolution of standards in our catalog

21 standards produced by UNE Committee on Risk management, security and resilience
UNE New European Standardization Strategy event - July 2022 -

- UNE presented the Strategy at an event involving the Ministry of Industry, Trade, and Tourism, CEN, and CENELEC.
- The new Strategy reinforces the key role of technical standards for the achievement of a single European market that is green, digital and resilient.
- It will make it possible to provide greater support for Europe’s strategic autonomy, global leadership, and competitiveness.

Economic benefits of the standards

1% According to a number of studies, standards account for 1% of Spain’s and other European countries’ GDP.

5% Of the sales revenue of the companies that apply them, according to a study carried out by ISO.

The Report on UNE Standards for Economic Recovery is relevant to this key role.

Other resilience-promoting standards

- UNE-ISO 21500 Project, program and portfolio management. Context and concepts.

969 Technical standardization bodies, after adding 30 more
Objective 01 | Strategy 2025

Agreements

• **CONTINUAM** - September 2022 -
  To support organizations’ safety and resilience.

• **Royal Academy of Engineering (RAI)** - July 2022 -
  To promote Spanish engineering.

• **Federation of Consumers and Users (CECU)** - July 2022 -
  To raise awareness of the importance of standardization among the general public.

• **Amigos del Museo del Prado Foundation** - June 2022 -
  To promote culture in Spain.

UNE Meetings

New UNE Standard on the Regulatory Inspection of Pressure Equipment in LNG Terminals - July 2022 -
To put in place a systematic action plan as regards periodic inspections.

Information conference on Structural Eurocodes - July 2022 -
Held by UNE, SEOPAN, and CEDEX.

The present and future of machines: the new European regulation - July 2022 -
Sectoral meeting to report on the new European Machinery Regulation and the use of harmonized standards.

Information conference on Laboratory Design - July 2022 -
To publicize the international standardization initiative proposed by ISO.

Standardization in the field of fire protection - April 2022 -
Presentation with TECNIFUEGO of a report to boost safety and quality in the use and manufacture of products in a variety of fields.
1.2 Supporting the ecological and energy transition and digital transformation of Spain's business fabric

Ecological and energy transition

Climate Change

Standard UNE-ISO IWA 42 Net zero guidelines

- Produced by over 1,200 organizations and people from 100 countries, including Spain. UNE led its full translation into Spanish.

- Presented by Javier García, Director General of UNE, together with ISO at the Climate Summit (COP27) held in Egypt in November.

UNE meeting: Standards’ response to the climate challenge - November 2022 -

- Standards are useful and reliable when it comes to reducing emissions, adapting to the effects of climate change, and putting adequate funding in place.

- Held at the offices of the Royal Academy of Engineering (RAI).

Circular Economy

- Study on technical standards’ contribution to the circular economy, published in March 2022. Included in the Catalog of Best Practices of the Ministry for the Ecological Transition and the Demographic Challenge (MITECO) and sent by it to the European Environment Information and Observation Network (EIONET) as an action by Spain.

Standards and projects supporting the ecological transition of Spanish sectors

- UNE-CWA 17866 Key factors for urban biowaste selective collection schemes. Smart cities
- UNE-EN IEC 63000 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
- PNE-EN 17645 Environmental performance efficiency. Performance evaluation, methodology, and classification of the use of outdoor pools and their equipment
- UNE-EN ISO 22057 Sustainability in buildings and civil engineering works. Data templates for the use of environmental product declarations (EPDs) for construction products in building information modelling (BIM)

Energy transition: renewables and alternative fuels

Establishment of the UNE Forum on Renewable Energies in Electricity

- This forum was established in November 2022 with the aim of preparing a standardization action plan to drive renewable energies for the generation of electricity.

Renewable energies

- UNE-EN 50524 Data sheet for photovoltaic inverters
- UNE-EN ISO 9488 Solar energy. Vocabulary
- UNE-EN 12975 Solar collectors. General requirements

Sustainable mobility

- UNE 199142-3 Road traffic management equipment. Artificial vision. Offending vehicles detection. For monitoring in Low Emission Zones and UVARs
  Promoted by the Directorate-General for Traffic (DGT) in support of regulation.
- UNE-CEN ISO/TS 23625 Small craft. Lithium-ion batteries

Energy management

- UNE-ISO 50004 for the implementation, maintenance, and improvement of an ISO 50001 energy management system
18 new horizontal digitalization standards added to the UNE catalog

- UNE 71401:2022 for the adoption and integration of management systems, management frameworks and best practices in the areas of Information Technology (IT)
- UNE-EN ISO 22739 Blockchain and distributed ledger technologies. Vocabulary
- UNE-CEN/TS 17699 Guidelines for developing ICT Professional Curricula
- UNE-CEN/TR 17884 ICT accessibility competences. Guidelines for a more inclusive ICT development

Cybersecurity and data protection

- UNE-EN 17529 Data protection and privacy by design and by default

Projects

- PNE 320003 IoT-Blockchain Secure Architecture Model
- PNE 320004 IN IoT Cyber Security Standardization Landscape
**Objective 01 | Strategy 2025**

Two new supporting reports for the Digital Spain 2026 plan

**Standards for the Data Economy - May 2022 -**
- Supporting the regulation of the data market in accordance with the European Commission's European Standardization Strategy.
- Over 20 standards driving data governance, management, and quality.

Standards for the National Digital Competence Plan
- March 2022 -
- This helps implement the Spanish Government's measures by means of standards.
- Seven UNE Committees prepare standards driving this Plan.

In May 2022, UNE joined the European Telecommunications Standards Institute (ETSI) as a full member in order to support the digital transformation of Spanish businesses.

1,332 European ETSI standards adopted as UNE Standards

Standards and projects driving the digital transformation of sectors in Spain

**Tourism**
- UNE 178500 series Hotels and smart tourism destinations
- UNE 178601 Smart territories. Definition, attributes and requirements.

**Transport**
- UNE-CEN/TR 17833 Railway applications. Guidance for the use of simulations to demonstrate compliance with technical and regulatory requirements

**Mining**
- UNE 22988 Digital declaration of performance for natural stone products according to the Standard EN 12058:2004
Irrigation
- UNE 318002-2 Irrigation techniques testing. Remote monitoring and control for irrigation

Ergonomics and psychosociology
- UNE-CEN ISO/TR 9241-810 Ergonomics of human-system interaction. Part 810: Robotic, intelligent and autonomous systems

Construction
- PNE 36916-1 Digital declaration of performances for hot rolled structural steel products
- PNE 146316 Digital declaration of performance for aggregates
- UNE-led European projects:
  - Digital Twins for the built environment.
  - Assessing buildings’ operational energy efficiency.

UNE accedes to the Generation D Pact

INCIBE and UNE bring cybersecurity experts from 30 European countries together in León

In November 2022, the Spanish National Cybersecurity Institute (INCIBE), which is affiliated to the Ministry of Economic Affairs and Digital Transformation, through the Digitalization and Artificial Intelligence Division, hosted the meeting of the European Technical Committee for Cybersecurity and Data Protection Standardization. This committee produces key standards in these fields in Europe.
Series of webinars on Standardization

The webinars, which are aimed at UNE Committee experts, aim to make standardization accessible by addressing specific aspects of this field and supporting the work of the more than 13,000 experts involved in drawing up standards.

UNE Meetings

Held together with the Digitalization and Artificial Intelligence Division.

- Standards on Telecommunications Infrastructures - April 2022 -
  Presentation of the new UNE standards driving quality in this field.

- Second Meeting on Telecommunications and IT Legislation and Standards - December 2022 -

Standards ensure the interoperability, security and accessibility of telecommunications.

Digitalization and Artificial Intelligence Division

Working closely in the fields of digital competencies, AI, data, and start-ups

Events: highlighting the benefits of standards in society

21 UNE meetings

- Future ISO standard for the achievement of the SDGs - November 2022 -
- UNE-SOIVRE webinar - June 2022 -
- Information Conference on Structural Codes with SEOPAN and CEDEX - June 2022 -
- Standard on the Labeling of Fertilizer Products - July 2022 -

Participation in 72 events

- Held by relevant Spanish organizations

Series of webinars on Standardization

- The webinars, which are aimed at UNE Committee experts, aim to make standardization accessible by addressing specific aspects of this field and supporting the work of the more than 13,000 experts involved in drawing up standards.
1.3 Contributing to meeting social challenges

**Gender equality**

New UNE Gender Equality Committee (UNE-CTN 194)
- This channels Spain’s involvement in the development of the future international standard for gender equality in organizations.
- The Committee, which was established in April 2022, is chaired by Val Díez, Director General of STANPA and President of the CEOE Equality and Diversity Committee.
- Spain leads the Communication and Engagement Group at ISO.
- UNE drives the translation of the standard into Spanish.

- The Director General of UNE, Javier García, ISO Gender Champion.
- Leadership of Project 4 of Objective 4 of the CEN and CENELEC 2030 Strategy.

**Standards and projects**

**Protection against violence**
Specification UNE 0070
Requirements of a management system for protection against violence in organizations working in social matters, education, sport, leisure or free time. A Meeting was held by UNE and Porticus Iberia in May 2022.

**Mediation**
- PNE 197301 General criteria for the mediation.

**Diversity and Inclusion**
- PNE-ISO 30415 Human resource management.

**Tolerance**
- Dissemination of Specification UNE 0071 Management system for the tolerance in non-university educational centres

**Accessibility**

Participation with the European Commission in the development of harmonized standards to support the products and services accessibility Directive. Spain leads the European technical organization in charge of reviewing Standard UNE-EN 301549 on accessibility requirements for products and services.

Involvement in the development of the future international standard on accessibility to immovable cultural heritage.
- PNE 170600 Cognitive accessibility.
- Review of the standard for accessibility in taxis (UNE 26494).
- Development of two sets of guidelines for the application of Standard ISO 21902 Accessible tourism for all, led by Fundación ONCE, WTO, and UNE.
Objective 01 | Strategy 2025

UNE Awards 2022

Seventh edition of the UNE Awards, which recognize outstanding contributions to standardization by individuals and organizations

López Agüí Award to the most outstanding UNE-CTN
UNE-CTN 80 Cement and Limes, whose Secretary is OFICEMEN (Miguel Ángel San Juan). In 2022 this award was renamed in tribute to Juan Carlos López Agüí.

Integration of standardization and innovation
Julián Gallego of ALTER Technology TÜV Nord.

The award ceremony was held at the Annual Meeting of UNE Committee Chairs and Secretaries in the CONAIF headquarters in November 2022

President
Nieves Peinado, president of UNE-CTN 41/SC7 Accessibility in construction and urban planning.

Members
José Francisco Ruiz, Javier Jesús Tallón, and José Manuel Pulido of JTSEC BEYOND IT SECURITY, for being members of the UNE Committee on Cybersecurity and Personal Data Protection.
1.4 Accelerating access to the market for innovations

Horizon Europe

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<th>New Projects in 2022</th>
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<td>45</td>
<td>Project portfolio</td>
</tr>
<tr>
<td>43</td>
<td>Proposals for new projects</td>
</tr>
<tr>
<td>11</td>
<td>Published European standards</td>
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UNE 2022 Award for the Integration of Standardization in Innovation

Julián Gallego Yagüe of ALTER Technology SÜV Nord S.A.U., a pioneer in connecting innovation projects to European funding, with standardization work that adds value and visibility to the projects’ outcomes.

Science, Technology, and Innovation Act

Act 17/2022 on Science, Technology, and Innovation, published in the Official State Gazette (BOE) in September 2022, sets out the link between the development of standards, research, and innovation.

In this Act, standardization is identified as one of the channels for the transfer of knowledge arising from R&D&I that is assessable for the purposes of the remuneration of research staff, to be promoted by providers of public funding for the Spanish science, technology, and innovation system.

✓ This is the first acknowledgement by Spanish law of this key role of standardization.
✓ It places UNE at the forefront of Europe.

CEN-CENELEC 2022 Standards+Innovation Award

H2020 ARETE (Augmented Reality Interactive Educational System), a project coordinated by University College Dublin in which UNE supports standardization activities.
1.5 Strengthening the multilateral system of international trade, especially the EU Internal Market

154 standards in various subject areas cited in European legislation

- ✔ 57 Low Voltage Directive
- ✔ 19 Machinery Directive
- ✔ 15 Medical Devices Directive
- ✔ 9 IVD Directive
- ✔ 14 Pressure Equipment Directive
- ✔ 13 Personal Protective Equipment Regulation
- ✔ 10 Electromagnetic Compatibility Directive
- ✔ 6 Recreational Craft Directive
- ✔ 7 ATEX Directive

- ✔ 1 Construction Products Directive
- ✔ 1 Lifts Directive
- ✔ 2 General Product Safety Directive
**Access to the European market**

**European Standardization Strategy**
- Publication of the European Standardization Strategy by the European Commission in February 2022.
- This reinforces the key role of standards in the achievement of a single market that is green, digital and resilient.

**The importance of harmonized standards**
- European harmonized standards are key to the single market and exports.
- As they are based on international standards, they help Spanish companies gain an international presence. Half of the 3,225 harmonized European standards are identical to ISO and IEC standards.
- 14% of European standards are cited in laws (Official Journal of the European Union).

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**Influencing and defending Spanish interests in the world**

- Javier García, Director General of UNE, started his mandate as Vice President of ISO in January 2022.
  - He is the first Spanish national to hold this position.
  - In this role, he will promote Spain's leadership in the international arena by anticipating trends and new areas for standardization.

- The importance of ISO
  - ISO and UNE support the London Declaration to increase the contribution of standards to the fight against the climate challenge and the implementation of the ecological transition.
  - Intense efforts have been carried out to ensure that ISO standards address ISO's Strategy 2030 and the challenges facing organizations.
  - Javier García represented ISO at the United Nations Climate Change Conference at COP27 held in Egypt, where the Net Zero Guidelines Standard was presented in November 2022.
87.3%  
Of Spanish standards are international or European in origin.

UNE works hard in the international arena, gaining more influence, in the interest of the Spanish production sector and the promotion of the Spain Brand. In 2022, it took part in the General Assemblies of:

**ISO - September 2022**
- Over 5,000 attendees from its member national standards organizations, including UNE.
- Progress made to ensure that global climate goal initiatives are supported by global standards.
- Meetings with counterparts from Canada, Australia, Argentina, France, Denmark, Saudi Arabia, and the African regional standards body ARSO.

**IEC - November 2022**
- Beatriz Novel (AFME) was awarded the Thomas A. Edison Award by IEC for her achievements as president of the IEC SC23E Committee.

**CEN and CENELEC - June 2022**
- Javier García, Director General of UNE, elected member of the Board of Directors of CEN.
- Óscar Querol, Technical Director of AFME, elected member of the Board of Directors of CENELEC.

**ETSI - May and November 2022**
- UNE joined ETSI as a full member.

**COPANT - April 2022**
- UNE took part in the General Assembly, which was held online and focused on SMART standards, climate change, and the circular economy.

**Over 36,000**
international standards adopted in Spanish:
- **6,318** standards of international IEC origin
- **7,921** standards of international ISO origin

**149** Spanish experts in positions of responsibility in international and European standardization bodies
16 active international cooperation projects

- In Azerbaijan, Brazil, the Dominican republic, Ecuador, the European Union, Georgia, Guatemala, India, Indonesia, Moldova, Nicaragua, Rwanda, Saudi Arabia, Uruguay, and Zambia.
- Areas covered by the projects: promotion of trade, removal of technical barriers, EU partnership agreements, support for other countries’ quality assessment infrastructures, the fight against climate change, digitalization, and best practices for standardization.
- Donors: European Commission (EC), National Metrology Institute of Germany (PTB), German Agency for International Cooperation (GIZ), Inter-American Development Bank (IDB), Horizon Europe, Spanish Ministry of Agriculture (MAPA), ISO.
- Visit by the Azerbaijani (AZSTAND) and Serbian (ISS) standards organizations.

Signing of a partnership agreement with SASO
- September 2022 -

Member of ISO and of the Saudi Standards, Metrology, and Quality Organization.
This will improve relations between the two countries and give rise to new opportunities for Spanish companies operating in this market.

✓ Over 1,200 standards exchanged with Latin American countries thanks to 14 partnership agreements.
✓ They facilitate the harmonization of the market requirements applicable to exports to the region.
Objective 02
UNE accomplishes its digital transformation

2.1 Producing standards suitable for the digital economy
2.2 Transforming the process of developing standards
2.3 Bringing UNE's financing model into the digital age
2.4 Supporting UNE's professionals and providing them with digital skills
2.1 Producing standards suitable for the digital economy

Digital Transformation at UNE

In 2022, UNE continued with its Digital Transformation aimed at improving its processes and efficiency with the Systems Plan.

- Completion of UNE’s own infrastructure.
- Implementation of the new financial management ERP (Enterprise Resource Planning).
- Implementation of a CRM (Customer Relationship Management) system to attain a 360-degree view of our stakeholders.
- Launch of MINERVA for downloading European and international standardization work programs, and distribution of UNE’s intellectual property.
- Preparation of security policies and procedures.
- New IT support (ticketing) tool.

**5 sessions**

For the identification of needs relating to accessing and using standards, aimed at representatives of the entire value chain in various industrial sectors

**IndexUNE**

Increased use, with information on UNE standards cited in national or European laws
2.2 Transforming the process of developing standards

UNE facilitates Spanish experts' access and involvement in the development of national, European and international standards with tools such as:

- The new E-Comités platform, with new features and facilities for experts to get involved.
- Its management model for Technical and Governing Bodies through collaborative tools, Online Standardization Development (OSD), in a hybrid system.
- Monitoring SMART standards developments (digital content and solutions) in accordance with user expectations.

6,000+
Spanish experts with accreditation to draw up European and international standards
2.3 Bringing UNE’s financing model into the digital age

UNE takes part in the analysis and development of new business models for the digital age at European and international levels in CEN, CENELEC, ISO, and IEC.

Thanks to the glossaries prepared using UNE’s CAT tool, a framework agreement has been concluded between UNE and the Royal Academy of Engineering (RAI) to give the latter organization access to UNE standards terminology for inclusion in the Spanish Dictionary of Engineering (DEI).

2.4 Supporting UNE’s professionals and providing them with digital skills

UNE looks after its staff, adapting its working methods to the changing times.

It does this by investing resources in tools and software, as well as taking the time to provide quality training in the digital skills that are so necessary in today’s world.

Commitment to equality

UNE’s workforce is gender-balanced, with more women than men in some areas.

Equality Plan

In accordance with the current legislation, UNE gives effect to its commitment to equality and the achievement of a work-life balance.

The Equality Plan, included in the REGCON official register, was published in March 2022. This will form the basis for all actions carried out in this regard in the next 4 years.

Another significant milestone was the renewal of the appointments of the members of the Equality Committee, which bears witness to UNE’s staff’s commitment to ongoing improvement. Equality and a work-life balance are relevant to everyone at UNE.

Gender distribution by category

<table>
<thead>
<tr>
<th>Category</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Middle management</td>
<td>7</td>
<td>6</td>
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<tr>
<td>Senior officer</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td>Junior officer</td>
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<td>5</td>
</tr>
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<td>General officer</td>
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<tr>
<td>Office assistant</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Intern</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>
Work-life balance measures

As an entirely new development, two new policies with a direct impact on our way of working were published in 2022:

✔ The Hybrid Work Manual setting out the guidelines to be applied to this way of working at UNE, which has been expressly accepted by all our employees.

✔ The Digital Disconnection Policy, a document promoting the achievement of a work-life balance that is essential in this digital age.

Work Climate Survey: Most employees consider UNE to be an excellent place to work

Young talent

UNE is committed to up-and-coming young talent. We are very aware of this group’s huge contribution to established organizations. Their energy and fresh look unquestionably contribute to the achievement of quality.

In November 2022, the Universidad Complutense awarded UNE its Recognition for Partner Organizations in Internship Programs for our commitment to the opportunity these programs entail for young professionals, many of whom already have an indefinite employment contract lined up by the time they finish their internships.

Universidad Complutense presented UNE with the accolade in November 2022.
Objective 03
UNE is recognized as a model organization in its ecosystem

3.1 Implementing best practices in Good Corporate Governance

3.2 Strengthening communication on the benefits of standardization for Spanish society

3.3 Promoting Market Unity through the use of and compliance with standards in collaboration with government departments and agencies

3.4 Attracting leading Spanish companies to become members of UNE

3.5 Enhancing Spain’s quality assessment infrastructure
3.1 Implementing best practices in Good Corporate Governance

Good Corporate Governance at UNE is based on four core pillars supporting our main Policies, Procedures, and Codes of Action, which are binding on our members, staff, and Board and committee members, among others.

1. Corporate Social Responsibility

Elections for all Governing Bodies at UNE were held in 2022.

It is worth mentioning that more than 25% of the members of each of the Standing Committee and the Board of Directors are women.

2. Legal Compliance

Thanks to its high commitment to Legal Compliance, UNE provides its members with an environment based on trust and security. The actions carried out in this field in 2022 include, among others:

- External information security audit.

A satisfaction survey with a high degree of participation was conducted among the members of the Board of Directors in June 2022. Some of the most relevant conclusions were:

- The need to encourage members to take active part in meetings.
- Encouraging relations among members.
- Increasing knowledge of UNE’s bylaws and Good Governance documents.

3. Competition law

UNE continues to work on areas of competition law, providing its members and employees with suitable training to ensure these principles are fully adhered to in all their actions.

The new purchasing policy governing the selection of suppliers is particularly worth noting.
UNE remains faithful to its commitment to keep its Standardization and Conformity Assessment activities separate, ensuring compliance with the general principles applicable thereto and with the rules on share capital representation in its subsidiaries.

2030 Agenda and SDGs

- **UNE's SDG work gains** Global Compact recognition.
- Collaboration with CEN and CENELEC to design their SDG toolbox, and webinar in this field held in June 2022.
- Inclusion in the United Nations website (UNECE) of five cases of Spanish contributions of standards to achieve the SDGs.
- Participation in the ISO, CEN, and UNECE expert groups that address gender-related matters in standards.

Award to UNE in June 2022 of the Global Compact recognition for its SDG work.
3.2 Strengthening communication on the benefits of standardization for Spanish society

In November 2022, UNE rebranded in order to bring standardization closer to the public

As part of this evolution, it defined its purpose, which reflects its essence, and developed a new more current, relevant, and global visual identity.

The change was publicized in a three-stage communication campaign:
- Internal communication campaign
- Campaign for UNE members
- Campaign for the general public

The new value proposition “UNE. Shared Progress” seeks to pool efforts to help society overcome the major challenges it faces through the use of standards.

UNE rebranded its communication channels: website, social media, UNE Magazine, and intranet.
External communication

In 2022, UNE worked hard to publicize the main issues arising during the year:

- Ecological transition
- Digital transformation
- Social challenges
- Global challenges

Media relations

33 press releases to the media
2,000+ news items featuring UNE
3.14 million euros of equivalent advertising value of these news items in the media

Social media

LinkedIn
9,348 followers

Twitter
4,849 followers

YouTube
8,874 video views

Magazine

Digital version 13,185 recipients

Website

874,112 hits
3.3 Promote Market Unity through the use of, and compliance with, standards in collaboration with government agencies

**Current agreements with government agencies**
- Ministry of Industry, Trade, and Tourism
- Ministry of Consumer Affairs
- Ministry of Culture and Sport
- Ministry of Agriculture, Fisheries, and Food
- Ministry of Defense
- Ministry of Finance
- Ministry of Labor, Migration, and Social Security
- Ministry of the Interior
- Government of Catalunya
- Government of Valencia
- Basque Government

**Standards as allies to government agencies**
In the deployment of public policies and the development of regulations

**17**
Current agreements with government agencies

**9,874**
UNE standards cited in national legislation (BOE): 14.06% of the total

**45**
Meetings with government agencies

**1,000**
Government agency experts involved in UNE

**2nd**
Annual report of the Market Surveillance Observatory, a public-private partnership model

CEM, ENAC, and UNE, the three pillars of quality in Spain

Extension to 11 ministries, 9 autonomous regions, and the Autonomous City of Melilla of the scope of IndexUNE as a source of information on UNE standards cited in legislation
UNE, a perfect example of public-private partnership

- Agreement with MAPA. To monitor the fertilizer mandate that gives effect to Regulation (EU) 2019/1009 and adopt it for Spain.

- Participation in many round tables. An example of these is the Hydrogen Technologies Task Force, which is part of the Market Unity Task Force of the Sectoral Conference for Industry and SMEs.

- Agreement with the State Secretariat for Tourism (SEGITTUR). To promote smart tourism destinations by means of standards.

Support for the Market Unit

- UNE 192011-7 Procedure for the regulatory inspection. Pressure equipment. Specific requirements for liquefied natural gas (LNG) terminals.

- UNE 192013 Procedure for regulatory inspection. Refrigeration installations; and UNE 86013 Procedure for periodic regulatory review. Refrigerating facilities.


- UNE 149002 Acceptance criteria for disposable products via toilet, mentioned in Act 7/2022.

Close dialog with government agencies

- National positioning in public consultation processes:
  - Procedure for the energy performance certification of buildings.
  - Updating the National Integrated Energy and Climate Plan 2021-2030.
  - Draft Royal Decree creating the National Irrigation Board and the Observatory for Sustainable Irrigation in Spain.
  - Preliminary draft Sustainable Mobility Act.
  - Offshore wind and sea energy legislation.
  - Low Voltage Regulation.

- Joined the MITMA-coordinated Technical Committee of the Interministerial BIM Commission.

- Taking part in the Task Force on Technical Management for the Control of Industrial Products. MINCOTUR.

Signing of the UNE-SEGITTUR agreement in January 2022.
Objective 03 | Strategy 2025

UNE Market Surveillance Observatory

Consolidation as a benchmark and perfect example of public-private partnership.

Composed of over 40 Spanish business organizations; the Ministry of Industry, Trade, and Tourism; the Ministry of Consumer Affairs, and various competent authorities.

Objective: To strengthen public-private partnerships in this field and boost compliance with technical standards and legislation.


Launch of a major communication campaign formed by several videos in which seven experts highlight the importance of the OVM.

Interview with José Antonio Delgado of the Ministry of Industry, Trade, and Tourism by Alfredo Berges, president of UNE and the Market Surveillance Observatory (OVM).

The participants included representatives of the Ministry of Consumer Affairs, MINCOTUR, the Madrid Region, ADELMA, APPLIA, AIDIMME, and UNE.
3.4 Attracting leading Spanish companies to become members of UNE

21 new members joined UNE in 2022, raising the total number to 532.

9 relevant associations
- ASEPAL - Association of Personal Protection Equipment
- AEFEC - Spanish Association of Solid-Fuel Stove, Chimney and Cooker Manufacturers
- ANECPLA - National Association of Environmental Health Companies
- ANAPE - National Association of Expanded Polystyrene
- CIDE - Association of Electricity Distributors
- CONFEMETAL - Spanish Confederation of Metal Sector Employers
- ASELF - Spanish Firefighting Association
- ANDALTEC - Fundación Andaltec I+D+I
- CONTINUAM - Business Continuity Institute

3 universities
- Universidad Carlos III Madrid
- Universidad de Cantabria
- Universidad Rey Juan Carlos

9 companies
- Huawei Technologies España
- Ingeteam Power Technology
- Nedgia
- Gabinete de Servicios para la Calidad
- Business, Technology & Best Practices
- Kron World, Sociedad Limitada
- Star Institute
- Saint-Gobain Pam España
- Ziv Aplicaciones y Tecnología

Benefits of UNE membership
- Being part of Spain’s only standardization body.
- Belonging to a large multi-sector network.
- Becoming part of the global standards system.
- Involvement in UNE’s decisions, and the chance to help shape its strategic lines of action.
- Leading standardization in Spain.
- Linking their brand to UNE’s brand.
- Preferential conditions for participation in UNE-CTN committees.
- Special conditions for acquiring standards.

A strengthening mechanism and system for meeting the needs of leading Spanish companies has been designed to gain their loyalty as UNE members.
3.5 Enhancing Spain's quality assessment infrastructure

UNE, ENAC, and CEM are the three core pillars of this infrastructure.

Partnership agreement currently in force for the promotion of synergies in standardization and accredited conformity assessment.

Course on "Quality assessment infrastructure as a tool for public tender specifications" held jointly by UNE and ENAC in April 2022.

ENAC takes on the role of president of the new UNE Committee on Certification of individuals in industrial safety.

Participation in the 7th Spanish Metrology Congress held by CEM:
- UNE in the Organization and Scientific Committees.
- Javier García, Director General of UNE, gave a laudatory speech at the presentation of CEM's 1st "Manuel Cadarso" Distinction to the company Contazara for its achievements in the field of metrology.
- Participation in a round table and two parallel sessions.

Meeting to explain UNE's Market Surveillance Observatory model with a view to finding possible synergies with CEM.
UNE continued to receive its members' support in 2022.

New recognition for the work carried out by UNE and its professionals

AMETIC Award for Business Excellence in Quantum Technologies 2022 - September 2022 -
This distinction was awarded by AMETIC for the launch of the UNE Quantum Technologies Committee, which develops standards to promote this type of technology.
UNE was presented with this award at the 36th Digital Economy and Telecommunications Conference held by AMETIC.

Paloma García received the 2022 Prize for Commitment to the Profession awarded by itSMF España - June 2022 -
Paloma García, Director of Standardization Programs and Stakeholder Engagement at UNE, was awarded the 2022 Prize for Commitment to the Profession by itSMF España.
This is a recognition of her career, merits, and achievements, as well as her commitment to the governance and management of the Information Technology Service.
In 2022, UNE renewed the appointments of all members of its Governing Bodies, the Board of Directors and the Standing Committee, as well as the roles of president, vice president and treasurer, after holding elections, for the first time.

We trust that the new Board of Directors will help achieve our aim of enriching our contribution to society. It is composed of 71 members representing almost every economic sector in Spain, as well as several government agencies, in a successful example of public-private partnership.

Alfredo Berges, General Manager of ANFALUM, was appointed President; and CEPCO President Luis Rodulfo was elected Vice President.
Standing Committee

**President**

Mr. Alfredo BERGES VALDECANTOS  
Since December 2022

Mr. Carlos ESTEBAN PORTAL  
Until December 2022

**Vice President**

Mr. Luis RODULFO ZABALA  
Since December 2022

Mr. Alfredo BERGES VALDECANTOS  
Until December 2022

**Treasurer**

Mr. Edmundo FERNÁNDEZ PUÉRTOLAS  
AMETIC  
Association of Electronics, Information Technology, Telecommunications, and Digital Content Companies

**Members**

| President | ANFALUM | Spanish Association of Lighting Manufacturers |
| Vice President | CEPCO | Spanish Federation of Associations of Construction Product Manufacturers |
| Treasurer | ANFALUM | Spanish Association of Lighting Manufacturers |

Mr. José Manuel PRIETO BARRIO  
MINCOTUR  
Ministry of Industry, Trade, and Tourism

Mr. Óscar QUEROL LEÓN  
AFME  
Association of Manufacturers of Electrical Material

Ms. Mónica de la CRUZ ORTEGA  
ANAIP  
Spanish Association of Plastics Manufacturers

Mr. José Luis DÍEZ GUÍO  
ASEFAPI  
Spanish Association of Paint and Printing Ink Manufacturers

Mr. Segundo DE PABLO ALONSO  
FACEL  
Spanish Association of Manufacturers of Electrical and Fiber Optic Cables and Conductors

Mr. Fernando FRAILE GARCÍA  
ICTE  
Institute for Quality in Spanish Tourism

Ms. Alicia GARCÍA-FRANCO ZÚÑIGA  
FER  
Spanish Association of Recovery and Recycling

Ms. María MORENO LÓPEZ DE AYALA  
SEOPAN  
Association of Construction Companies and Infrastructure Concessionaires

Mr. Juan Ramón DURÁN PUEBLA  
SERCObE  
National Association of Capital Goods Manufacturers

Mr. David GONZÁLEZ BLANCO  
TELEFÓNICA  
Telefónica de España, S.A.U.

Mr. Raúl MEGÍA RODRÍGUEZ  
Until April 2022

Mr. Javier GARCÍA DÍAZ  
Director General of UNE
## Governing Bodies

### Board of Directors

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Association</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Mr. Alfredo BERGES VALDECANTOS</td>
<td>ANFALUM</td>
<td>Since December 2022</td>
</tr>
<tr>
<td></td>
<td>Mr. Carlos ESTEBAN PORTAL</td>
<td>AFME</td>
<td>Until December 2022</td>
</tr>
<tr>
<td>Vice President</td>
<td>Mr. Luis RODULFO ZABALA</td>
<td>CEPCO</td>
<td>Since December 2022</td>
</tr>
<tr>
<td></td>
<td>Mr. Alfredo BERGES VALDECANTOS</td>
<td>ANFALUM</td>
<td>Until December 2022</td>
</tr>
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</table>

### Representatives from Corporate Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Association</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms. Pilar ESPINA MANCHÓN</td>
<td>ADELMA: Association of Detergent Companies and Cleaning, Maintenance, and Related Products Companies</td>
</tr>
<tr>
<td>Mr. Julio NIETO DE LA CIERVA</td>
<td>ADEMI: Association of Engineering, Assembly, Maintenance, and Industrial Services Companies</td>
</tr>
<tr>
<td>Mr. Arturo GÓMEZ MARTÍNEZ</td>
<td>AEAS: Spanish Water Supply and Sanitation Association</td>
</tr>
<tr>
<td>Mr. Jacobo DÍAZ PINEDA</td>
<td>AEC: Spanish Road Association</td>
</tr>
<tr>
<td>Mr. Avelino BRITO MARQUINA</td>
<td>AEC: Spanish Association for Quality</td>
</tr>
<tr>
<td>Mr. Juan Virgilio MÁRQUEZ LÓPEZ</td>
<td>AEE: Spanish Wind Energy Association</td>
</tr>
<tr>
<td>Ms. Cristina MIRÓ LLINARES</td>
<td>AEFJ: Spanish Association of Toy Manufacturers</td>
</tr>
<tr>
<td>Ms. Mar DUQUE SANCHIDRIÁN</td>
<td>AFBEL: Association of Electrical Equipment Manufacturers</td>
</tr>
<tr>
<td>Ms. Marta SAN ROMÁN CRUZ</td>
<td>AFEC: Association of Air Conditioning Equipment Manufacturers</td>
</tr>
<tr>
<td>Ms. Mónica HERRANZ MÉNDEZ</td>
<td>AFELMA: Association of Spanish Manufacturers of Mineral Wool Insulation</td>
</tr>
<tr>
<td>Mr. Óscar QUEROL LEÓN</td>
<td>AFME: Association of Manufacturers of Electrical Material</td>
</tr>
<tr>
<td>Mr. Manuel CARRILLO ALCAÑIZ</td>
<td>AIDIMME: Institute of Metalworking, Furniture, Wood, Packaging, and Related Industries</td>
</tr>
<tr>
<td>Mr. Joan TRISTANY CLARET</td>
<td>AMEC: Multi-sector Association of Companies</td>
</tr>
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</table>
### Governing Bodies

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Since/Until</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Edmundo Fernández Puértolás</td>
<td>AMETIC Association of Electronics, Information Technology, Telecommunications, and Digital Content Companies</td>
<td></td>
</tr>
<tr>
<td>Ms. Mónica de la Cruz Ortega</td>
<td>ANAIP Spanish Association of Plastics Manufacturers</td>
<td>February 2022</td>
</tr>
<tr>
<td>Mr. Luis Cédiel Blanco</td>
<td>ANDIMAT National Insulating Materials Manufacturers Association</td>
<td>February 2022</td>
</tr>
<tr>
<td>Mr. Luis Mateo Montoya</td>
<td>ANEFHOP National Spanish Association of Manufacturers of Ready-Mixed Concrete</td>
<td></td>
</tr>
<tr>
<td>Mr. Carlos Peraita Gómez de Agüero</td>
<td>ANEFHOP National Spanish Association of Manufacturers of Ready-Mixed Concrete</td>
<td></td>
</tr>
<tr>
<td>Ms. Aránzazu García Hermo</td>
<td>ANFAC Spanish Association of Car and Truck Manufacturers</td>
<td></td>
</tr>
<tr>
<td>Mr. Jorge Cuartero Dastis</td>
<td>ANMOPYC Spanish Association of Exporting Manufacturers of Construction, Public Works, and Mining Machinery</td>
<td></td>
</tr>
<tr>
<td>Mr. Carlos Martín Martínez</td>
<td>AOP Spanish Association of Petroleum Product Operators</td>
<td></td>
</tr>
<tr>
<td>Mr. Alberto Francisco Zapatero Ochoa</td>
<td>APPLIA ESPAÑA Spanish Association of Domestic Appliance Producers</td>
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<tr>
<td>Mr. José Luis Díez Guío</td>
<td>ASEFAP Spanish Association of Paint and Printing Ink Manufacturers</td>
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</tr>
<tr>
<td>Mr. Rafael Apaz Egaña</td>
<td>ATEGRUS Technical Association for Waste Management and Environment</td>
<td>December 2022</td>
</tr>
<tr>
<td>Ms. Rosa Sánchez Torres</td>
<td>BEQUINOR National Association for the Standardization of Capital Goods and Industrial Safety</td>
<td></td>
</tr>
<tr>
<td>Mr. Ignacio Cortés Moreira</td>
<td>CALSIDER Calidad Siderúrgica, S.L.</td>
<td></td>
</tr>
<tr>
<td>Mr. Fernando Manías Arteche</td>
<td>CESOL Spanish Association of Welding and Bonding Technologies</td>
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</tr>
<tr>
<td>Mr. Leonardo Hervás Hermida</td>
<td>CIDE Association of Electricity Distributors</td>
<td>December 2022</td>
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<tr>
<td>Ms. Begoña Beltrán Morey</td>
<td>CIE Spanish Intertextile Council</td>
<td>December 2022</td>
</tr>
<tr>
<td>Mr. Pedro Mora Peris</td>
<td>COMINROC Spanish Federation of Extractive Industries of Industrial Minerals and Rocks</td>
<td></td>
</tr>
<tr>
<td>Ms. Ana María García Gascó</td>
<td>CONAIF National Federation of Installers and Fluids Associations</td>
<td></td>
</tr>
<tr>
<td>Ms. Bibiana Medialdea García</td>
<td>DG CONSUMO Department of Consumer Affairs</td>
<td></td>
</tr>
<tr>
<td>Mr. Manuel Valcárcel Fontao</td>
<td>F212 Foundation for the Promotion of Industrial Innovation</td>
<td></td>
</tr>
<tr>
<td>Mr. Segundo de Pablo Alonso</td>
<td>FACEL Spanish Association of Manufacturers of Electrical and Fiber Optic Cables and Conductors</td>
<td></td>
</tr>
<tr>
<td>Mr. César Vicente Luaces Frades</td>
<td>FdA Construction Aggregates Federation</td>
<td></td>
</tr>
<tr>
<td>Mr. José Manuel Muñiz Brachi</td>
<td>FECOTEL Telecommunications Coordinator Federation</td>
<td>December 2022</td>
</tr>
<tr>
<td>Ms. Sonia Pomar Pérez</td>
<td>FEGECA Association of Manufacturers of Boilers and Radiators</td>
<td></td>
</tr>
<tr>
<td>Mr. José María de Simón Goyanes</td>
<td>FEM-AEM Spanish Material Handling Equipment Association</td>
<td></td>
</tr>
<tr>
<td>Ms. Ana Muñoz González</td>
<td>FENIE National Federation of Installation Businesses of Spain</td>
<td>December 2022</td>
</tr>
<tr>
<td>Representative</td>
<td>Association/Affiliation</td>
<td>Term</td>
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<tr>
<td>Ms. Margarita ALFONSEL JAÉN</td>
<td>FENIN</td>
<td>Spanish Federation of Healthcare Technology Companies</td>
</tr>
<tr>
<td>Ms. Alicia GARCÍA-FRANCO ZÚÑIGA</td>
<td>FER</td>
<td>Spanish Association of Recovery and Recycling</td>
</tr>
<tr>
<td>Mr. Enrico FRABETTI</td>
<td>FIAB</td>
<td>Spanish Federation of Food and Drink Industries</td>
</tr>
<tr>
<td>Ms. Elena SANTIAGO MONEDERO</td>
<td>HISPALYT</td>
<td>Spanish Association of Manufacturers of Bricks and Clay Roof Tiles</td>
</tr>
<tr>
<td>Mr. Miguel MIRONES DÍEZ</td>
<td>ICTE</td>
<td>Institute for Quality in Spanish Tourism</td>
</tr>
<tr>
<td>Ms. Elena ORGILÉS CALPENA</td>
<td>INESCOP</td>
<td>Spanish Institute of Footwear and Related Products</td>
</tr>
<tr>
<td>Mr. Aniceto ZARAGOZA RAMÍREZ</td>
<td>OFICEMEN</td>
<td>Association of Cement Manufacturers of Spain</td>
</tr>
<tr>
<td>Mr. Ricardo LÓPEZ PERONA</td>
<td>PROTERMOSOLAR</td>
<td>Spanish Association for the Promotion of the Thermosolar Industry</td>
</tr>
<tr>
<td>Mr. David TREBOLLE TREBOLLE</td>
<td>PROTERMOSOLAR</td>
<td>Spanish Association for the Promotion of the Thermosolar Industry</td>
</tr>
<tr>
<td>Mr. Gonzalo MARTÍN BARRERA</td>
<td>PROTERMOSOLAR</td>
<td>Spanish Association for the Promotion of the Thermosolar Industry</td>
</tr>
<tr>
<td>Ms. Gloria LÁZARO ABAD</td>
<td>REPACAR</td>
<td>Spanish Association of Paper and Cardboard Recyclers</td>
</tr>
<tr>
<td>Mr. Manuel DOMÍNGUEZ DOMÍNGUEZ</td>
<td>REPACAR</td>
<td>Spanish Association of Paper and Cardboard Recyclers</td>
</tr>
<tr>
<td>Mr. Francisco José SICCHAR MORENO</td>
<td>SEDIGAS</td>
<td>Spanish Gas Association</td>
</tr>
<tr>
<td>Ms. María MORENO LÓPEZ DE AYALA</td>
<td>SEOPAN</td>
<td>Association of Construction Companies and Infrastructure Concessionaires</td>
</tr>
<tr>
<td>Mr. Juan Ramón DURÁN PUEBLA</td>
<td>SERCOBE</td>
<td>National Association of Capital Goods Manufacturers</td>
</tr>
<tr>
<td>Mr. Antonio TORTOSA MARTÍNEZ</td>
<td>TECNIFUEGO</td>
<td>Spanish Association of Fire Fighting Companies</td>
</tr>
<tr>
<td>Mr. Andrés BARCELÓ DELGADO</td>
<td>UNESID</td>
<td>Association of Steelmaking Companies</td>
</tr>
</tbody>
</table>
### Governing Bodies

#### Representatives from Associate Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. José María RONCERO GÓMEZ DE BONILLA</td>
<td>AECIM (Association of Metal Companies of Madrid)</td>
<td>Until December 2022</td>
</tr>
<tr>
<td>Ms. Eva BEJARANO WIESELER</td>
<td>AIMPLAS (Association for Research in Plastics and Related Materials)</td>
<td>From December 2022</td>
</tr>
<tr>
<td>Mr. José Luis ORTIZ ALÍAS</td>
<td>AIRBUS (Airbus Defence and Space, S.A. Unipersonal)</td>
<td>Since December 2022</td>
</tr>
<tr>
<td>Mr. José Ángel ROBLES CARBONEL</td>
<td>CEM (Spanish Metrology Center)</td>
<td>Since December 2022</td>
</tr>
<tr>
<td>Mr. José Antonio GALDÓN RUIZ</td>
<td>COGITIM (Official Association of Industrial Technical Engineers of Madrid)</td>
<td>From December 2022</td>
</tr>
<tr>
<td>Mr. Daniel PIZARRO CAMACHO</td>
<td>COIAA (Official Association of Agronomists of Andalusia)</td>
<td>Until December 2022</td>
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<tr>
<td>Mr. Guillermo AMANN ALDECOA</td>
<td>ORMAZABAL (Ormazábal y Cia. S.L.U.)</td>
<td>Since December 2022</td>
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<tr>
<td>Mr. Fernando GORDILLO GUTIÉRREZ</td>
<td>PRYSMA (PRYSMA Calidad y Medio Ambiente, S.A.)</td>
<td>Until December 2022</td>
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<tr>
<td>Mr. Luis ARCOS RODRÍGUEZ</td>
<td>SIEMENS (Siemens, S.A.)</td>
<td>Until April 2022</td>
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<tr>
<td>Mr. David GONZÁLEZ BLANCO</td>
<td>TELEFÓNICA (Telefónica de España, S.A.U.)</td>
<td>Since April 2022</td>
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<tr>
<td>Mr. Raúl MEGÍA RODRÍGUEZ</td>
<td>UC3M (Universidad Carlos III de Madrid)</td>
<td>Since December 2022</td>
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<tr>
<td>Mr. José Daniel GARCÍA SÁNCHEZ</td>
<td>UC3M (Universidad Carlos III de Madrid)</td>
<td>Until April 2022</td>
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#### Individual Member Representatives

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<tr>
<th>Name</th>
<th>Organization</th>
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<tr>
<td>Mr. Manuel MARTÍNEZ PÉREZ</td>
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#### Representatives from Government Agencies

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<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Term</th>
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<tbody>
<tr>
<td>Mr. Jose Carlos MEDERO RAMÍREZ</td>
<td>Autonomous City of Melilla</td>
<td></td>
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<tr>
<td>Mr. Tomás CRIADO MARTÍN</td>
<td>Region of Madrid</td>
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<tr>
<td>Mr. Manuel DURÁN FERRER</td>
<td>Ministry of Agriculture, Fisheries, and Food</td>
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<tr>
<td>Coronel José Ángel MADRONA MÉNDEZ</td>
<td>Ministry of Defense</td>
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<tr>
<td>Mr. José Antonio DELGADO-ECHAGÜE SELL</td>
<td>Ministry of Industry, Trade, and Tourism</td>
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<tr>
<td>Ms. Pilar APARICIO AZCÁRRAGA</td>
<td>Ministry of Health</td>
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<tr>
<td>Mr. Miguel Ángel BERMÚDEZ ODRIOZOLA</td>
<td>Ministry of Transport, Mobility, and the Urban Agenda</td>
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<tr>
<td>Mr. Joaquín ABENZA MORENO</td>
<td>Region of Murcia</td>
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#### Permanent Guest Member

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<tr>
<th>Name</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Mr. Agustín VELILLA SANZ</td>
<td>Ministry of Industry, Trade, and Tourism Trade Division</td>
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</table>
Subsidiaries
AENOR is moving decisively towards its goal of becoming established as the Trust Platform for Ibero-America, carefully growing both organically and inorganically for this purpose. In terms of inorganic growth, the acquisition of the companies in the Prysma Group was completed in 2022. In view of its good economic situation and its wish to reinforce this second pillar, in 2022 AENOR entered the financial markets for the first time, in the form of a very successful promissory note issue.

Spanish society is becoming increasingly appreciative of AENOR’s role in the creation of trust based on organizations’ commitment to values appreciated by society and always firmly grounded on verifiable facts. The most recent study found that the percentage of the population that positively associates AENOR with doing things properly has grown by over 5 points since 2021 to 78.7%, a figure attained only by very well-known organizations.

As part of its aim of adding value, the most outstanding developments of its solution portfolio are in those fields that reinforce companies’ competitive differentiation, particularly in the fields of ESG (Environmental, Social and Governance) sustainability and digitalization.

With the support of various sectors of production, the well-known N Mark has developed into the Sustainable N Mark in accordance with a comprehensive idea of sustainability. The first Sustainable N Marks have been awarded to 14 factories in five corporate groups operating in the steel industry, which have been followed by others in a variety of sectors. AENOR has similarly developed its Sustainable Building certification for buildings and constructions that follow ESG criteria. In addition to these cross-cutting certifications, other solutions relating to specific fields of sustainability have been launched. These include, among others,
the Good Corporate Governance Index and the Verification of Equality Plan.

As for digitalization, AENOR both provides solutions to matters of increasing concern to society and helps companies become stronger based on a digital foundation. In relation to the first of these, the first vehicle cyber-insurance certification is particularly worth noting; and the specific certification to promote the full digitalization of industrial SMEs by means of an effective management system according to Specification UNE 0060 is a good example of the second.
Earnings

The positive trend in total revenue seen in 2021 continued in 2022 with a year-on-year growth of over 9% to reach €96.8 million and an operating profit (EBITDA) of €4.3 million. Both these figures are above the annual targets.

The year 2022 was the penultimate year of extraordinary IT investments to ensure business continuity (in areas such as cybersecurity, cloud solutions, and the replacement of systems that use obsolete technologies). As a result of the return on these investments and the effects on financial markets, the organization had a net earnings figure of €250,000 in 2002.

The growth in revenue was mainly due to our capacity for innovation with new solutions in the conformity assessment market, as well as the gradual development of synergies between various business lines. Our continued good solvency figures and healthy balance sheet have enabled us to carry out corporate development operations.

Conformity assessment

AENOR has 26,657 management system certificates currently in force, covering 85,288 workplaces and 84 countries. The three most numerous of these are still the most widely used certifications worldwide: ISO 9001 for quality management systems, with nearly 32,300 certified centers; ISO 14001 for environmental management systems, with 14,837 certified centers; and ISO 45001 for occupational health and safety, with 8,369 certified centers.

In order to help companies achieve competitive differentiation by providing proof of their commitment to socially appreciated values, AENOR has launched new solutions in fields such as sustainability as part of its three-pronged environmental, social, and governance approach. Each year they account for a larger percentage of all AENOR certificates.

In terms of product certification, there are currently over 115,000 certified products, and 70,177 of these have the AENOR N Mark. Switchgear and small electrical equipment, light fittings and associated equipment, and plastics account for the majority.

The number of accreditations, recognitions, agreements, and appointments for certification, validation, verification, inspection, and testing activities granted by various national and international organizations has risen to 197. This guarantee means that AENOR is audited by 26 external bodies in addition to the occasional assessments carried out by competent bodies.
More Equal Company seal

AENOR’s Family-Friendly Company (EFR) certification was renewed in 2022, providing proof of our firm commitment to gender equality and a work-life balance for employees.

The organization was also awarded the More Equal Company seal by Madrid Region, a recognition for companies that have shown an outstanding commitment to gender equality and diversity at work.

All this is testament to our efforts to foster a fair and inclusive work environment, including work-life balance policies, equality training and awareness, as well as measures to ensure equal opportunities for everyone.

Training

In 2022, Campus AENOR celebrated its 30th anniversary and became firmly established as a benchmark in management systems training, with significant growth in the Latin American market.

Over 150,000 students have been through its classrooms in the last three decades, and the launch of its Professions for the Future program increases its range of courses in new areas that will be in demand in the very near future in fields such as social responsibility, legal compliance or cybersecurity both for people looking for work for the first time and for professionals wishing to find a new position.

Campus AENOR served a total of 17,613 students, with 1,537 courses, in Spain and Latin America in 2022. It operated in 36 countries in total.
Sales of technical standards are growing in both volume and selection. At present, AENOR has over half a million technical standards available for sale in its Online Store. These are Spanish UNE standards and standards from other regional and international organizations.

Packages of standards tailored for each user and with automatic updates are becoming an increasingly popular option, and the number of customers who subscribe to standards has grown by 11%.

The year 2022 marked 25 years of AENOR working in Latin America. Its network of offices in the region include offices in Mexico, El Salvador, the Dominican Republic, Chile, Ecuador, Brazil, and Peru, as well as a sales representative in Colombia.

In these last twenty-five years, AENOR has gained widespread recognition as the provider of genuine support for competitiveness, both by contributing to the development of economies and by supporting best practices by Spanish companies in the region. Thus, thanks to the recognition provided by its seals, 9,000 workplaces in over 19 Latin American countries now have AENOR certification.

Furthermore, its courses train over 6,000 students from the region at the various Campus AENOR sites, with help from 150 collaborators using the best and most innovative tools and technologies.
The organization’s economic performance for the year has been marked by the war in Ukraine and its global consequences – both social and economic and including energy prices, a shortage of components and higher costs of the raw materials used in the industrial sectors in which CEIS operates.

In spite of this, CEIS saw a clear increase in the productivity of its production processes and an excellent performance of sales, leading to better earnings than originally expected.

In 2022, the organization’s sales revenue exceeded €10 million for the first time, following a growth of 12.5% compared to 2021. This made it possible to reach a year-end profit before tax of just above €1.1 million, as well as an EBITDA above €1.8 million for the third consecutive year.

The significant increase in the number of customers, some of them beyond the Spanish border (27% of the total) is also worth noting. This has further established a rising trend in foreign sales that had already emerged in previous years.

In 2022, sales aimed at the foreign market exceeded over €3.5 million following an annual growth of 4.2%, and the number of clients in that market rose by 6.8%.
Strengthening our position for the future

In 2022, CEIS continued to pursue its commitment to innovation and service development to provide its customers with cutting-edge solutions. The investments carried out have enabled us, among other things, to increase the company’s catalog of services and improve productivity ratios.

These improvements include, among others, the inclusion of tests on flexible connections for plastic pipes according to South African National Standards (SANS), and those carried out on pipes using a surfactant bath immersion.

In addition, a bespoke chromatograph for the identification of PCBs in dielectric oil was also installed.

Furthermore, we have implemented solutions that, as well as leading to savings in energy costs, reinforce CEIS’ commitment to the environment, the SDGs, and the United Nations Global Compact.

In relation to this, a solar photovoltaic plant for self-consumption with no supply to the grid was launched in 2022. The plant boasts a total occupied area of 10,500 m² and a total installed capacity of approximately 1 MWp. It is expected to produce 1.25 MWh per year, covering 25% of the total expected consumption.

Customer satisfaction

In addition to all this, studies show that our customers’ very high degree of loyalty and satisfaction remains unchanged.

Recognitions and accreditations

In 2022, CEIS increased its technical capacity and added new recognitions, with a catalog of 1,154 tests described in 565 different technical standards, all of which are included in the scope of the accreditation granted by ENAC according to Standard UNE-EN ISO/IEC 17025. The recognition covers a growing international network of certification bodies, enriching our range of services to importing and exporting companies that require these certifications together with those issued by AENOR. This is in addition to the honorary recognition awarded to our organization by Eurovent Middle East after five years of working together on the tasks undertaken by the HVAC sector in the Middle East.

Furthermore, CEIS was awarded the second prize for medium-sized companies in the Work-Life Balance and Social Responsibility Award category of the 2022 Alares National Awards by the Alares Foundation.