



ANNUAL
REPORT

SUMMARY DOCUMENT

2017

grupo  enusa





Santiago Rusiñol, 12. 28040 Madrid
Telephone: (+34) 913 474 200 | Fax: (+34) 913 474 215
www.enusa.es | relin@enusa.es

LETTER FROM THE CHAIRMAN & CEO

“Digital transformation signifies the generation of a new value in the company, a new way of acting and of thinking. We leaders and workers must immerse ourselves in this digital vision which will make us more competitive and will allow us to attract and retain talent.

It deals with an important challenge for the future of ENUSA in which we are working with enthusiasm: putting into motion a digital transformation program for the company that will allow us to tackle our strategic objectives, with reinforcement in digitalization as a support tool.”

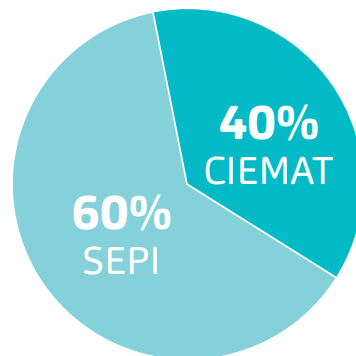
José L. González
Chairman

CORPORATE GOVERNANCE

THE TRUST OF SOCIETY IN INSTITUTIONS AND COMPANIES IS BASED ON TRANSPARENCY, GOOD GOVERNANCE, SOCIAL COMMITMENT AND REORIENTATION OF THE ORGANIZATION AND ITS PROCESSES TOWARDS A MORE EFFICIENT BUSINESS MODEL

In 2017, the ENUSA Group was formed by the parent company, ENUSA INDUSTRIAS AVANZADAS, S.A., S.M.E. (hereinafter, ENUSA), and the subsidiaries ETSA and Emgrisa.

The ENUSA Board of Directors is composed of 12 members: the Chairman—the only executive member who in turn presides over the Executive Committee—and 11 board members, 3 of them proprietary directors and the rest independent. It is composed of 6 women and 6 men.



MISSION

Provide to society, on a continuous, long-term basis, first-rate, competitive and safe products that enable professional and human development, environmental protection and an adequate return.

VISION

It is based on business lines in technology and service areas developed from structural capabilities in nuclear and radioactive material treatment and management, which combine mature markets with other emerging markets with a major growth potential.

VALUES

Prioritized attention to safety, quality and the environment. Attention, confidence, understanding and respect for people. Training. Teamwork spirit. Leadership, innovation, professionalism and honesty. Perseverance in work and desire to excel. Transparency and constructive self-criticism. Participation, commitment and communication.



ETHICS AND INTEGRITY

Ethical standards and the prevention of the risks stemming from the violation thereof is a matter of responsible management that concerns everyone. The ENUSA Group follows this approach, known as “integrity”, by focusing on personal conduct and applying the following instruments:

CODE OF CONDUCT

This is the key element that identifies the standards of conduct that ENUSA Group wants to observe in all the company activities. This Code is the declaration of a set of principles and values of corporate conduct, resulting in a written reflection of a public commitment by ENUSA Group to these principles and values. It is a framework of rules in which everyone must know what to do or not to do and what each person should or should not expect from others.

MODEL FOR PREVENTING CRIMES

ENUSA, Emgrisa and ETSA have their respective Organization, Management and Control Model for Preventing Crimes and its complementary protocols:

- ▶ Anti-corruption Protocol
- ▶ Action Protocol in case of Detection of Irregularities
- ▶ Reporting Channel Protocol

The Supervisory Body is responsible for managing complaints / suggestions received by the Group through the two existing channels: channel for denunciations and channel for suggestions.



THE GLOBAL COMPACT

The ethical management of ENUSA is based on the demands of the United Nations Global Compact, of which the company is a founding partner since 2002.

TRANSPARENCY

The full enforcement of Law 19/2013 on Transparency, Access to Public Information and Good Governance marked a new beginning to improve the integrity of organizations. The websites of the ENUSA Group companies include a section devoted to the Transparency Portal which makes available to all interested parties information on their activities.



MAIN ECONOMIC FIGURES OF THE ENUSA GROUP

ENUSA CONTINUES SUPPORTING ECONOMICALLY AND SOCIALLY THE LOCAL COMMUNITIES IN ITS AREA OF INFLUENCE, CONTRIBUTING TO THEIR DEVELOPMENT

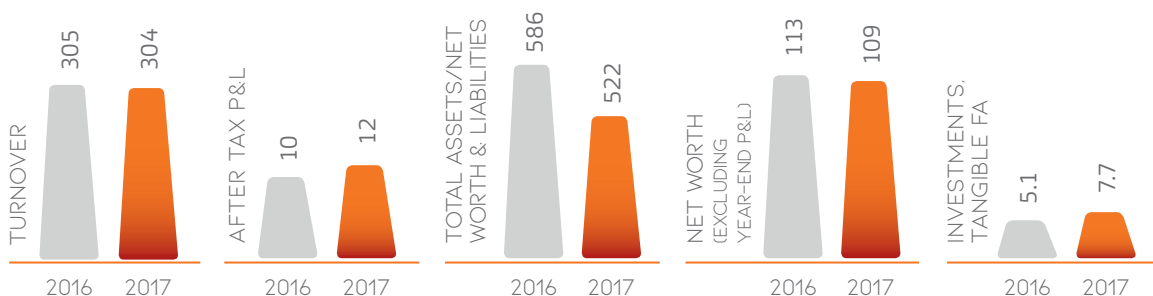
ADDING VALUE TO OUR COMMUNITIES

ENUSA has a close relationship with the province of Salamanca since two of its work centers are located there: the Juzbado fuel assembly factory and the Saelices El Chico Center.

Through its operations, ENUSA provides added value to the region's economy:

	Euros
	2017
SUPPLIERS	4,109,332
CUSTOMS	1,250,172
TAXES & OTHER EXPENSES	235,563
TRAVEL EXPENSES	33,340
PAYROLL & SS	20,042,094
TOTAL	25,670,501

Million euros



NUCLEAR BUSINESS

Activities of the nuclear fuel cycle that are marketed both nationally and internationally:

SERVICES:

- ▶ Uranium Supply
- ▶ Design and Engineering
- ▶ Spent fuel
- ▶ Manufacturing of fuel assemblies
- ▶ On-site fuel services
- ▶ Transport through the subsidiary ETSA

PRODUCTS:

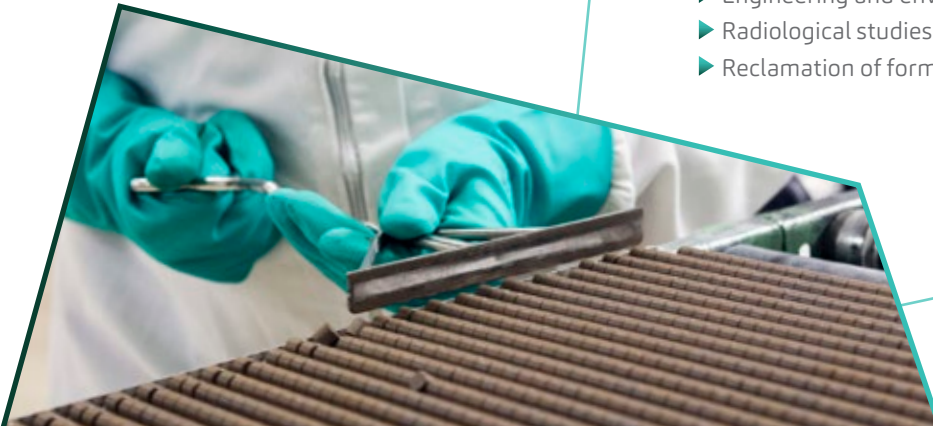
- ▶ Fuel assemblies PWR (for pressurized water reactors) and BWR (for boiling water reactors)
- ▶ Fresh and irradiated fuel manufacturing and inspection equipment

BUSINESS AREAS

ENVIRONMENTAL BUSINESS

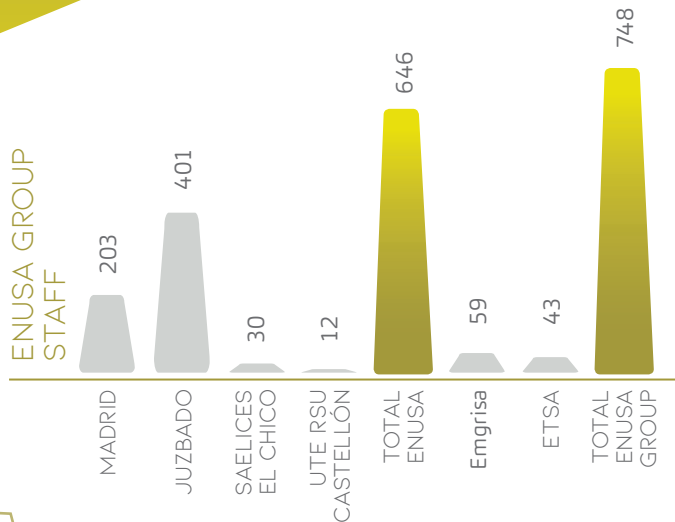
Services for preserving the environment and ensuring an efficient use of energy. Emgrisa is the environmental brand of the ENUSA Group.

- ▶ Waste treatment and management
 - Hazardous and Non-Hazardous
 - Municipal Solid
 - Agricultural, Livestock and Agro-industrial
- ▶ Characterization and treatment of contaminated soils and groundwater
- ▶ Engineering and environmental consultancy
- ▶ Radiological studies
- ▶ Reclamation of former mining installations

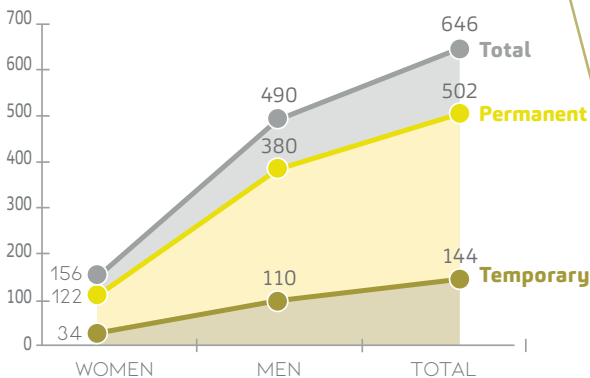


HUMAN CAPITAL AND TRAINING

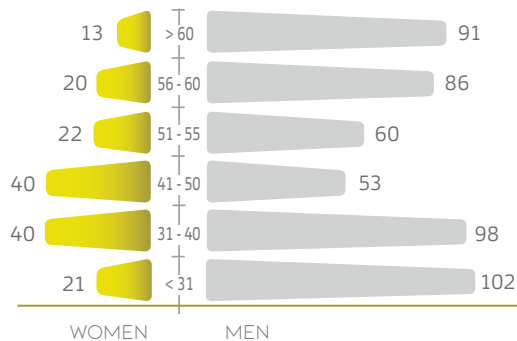
THE ENUSA GROUP EMPLOYS 748 PROFESSIONALS



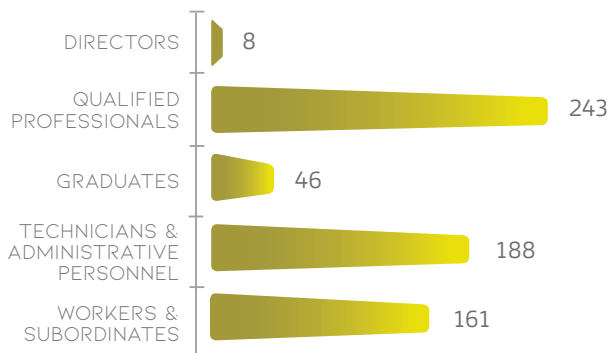
ENUSA STAFF ACCORDING TO LABOR CONTRACT AND SEX



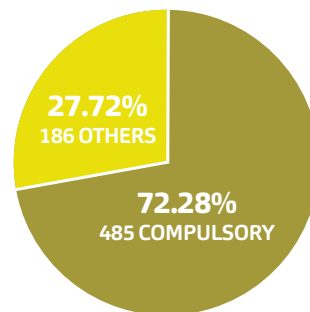
ENUSA STAFF ACCORDING TO AGE GROUPS AND SEX



ENUSA STAFF ACCORDING TO PROFESSIONAL GROUPS

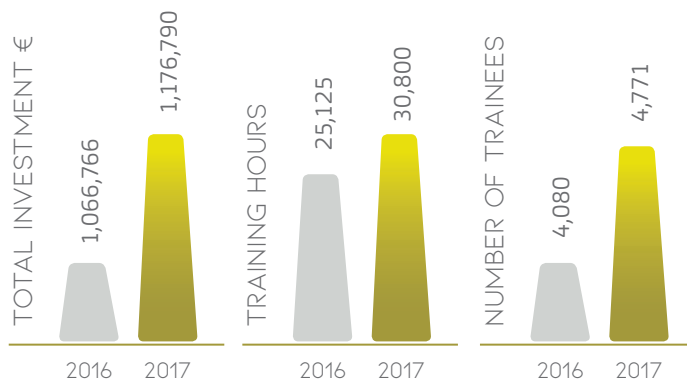


NUMBER OF COURSES BY TRAINING PLANS



THE ENUSA GROUP HAS INVESTED MORE THAN €1M IN TRAINING

ENUSA GROUP TRAINING



Data at 31 December 2017. The information referring to the UTE RSU Castellón is reflected only for accounting consolidation, since its personnel is contracted directly by the UTE and not by ENUSA.

OCCUPATIONAL HEALTH AND SAFETY

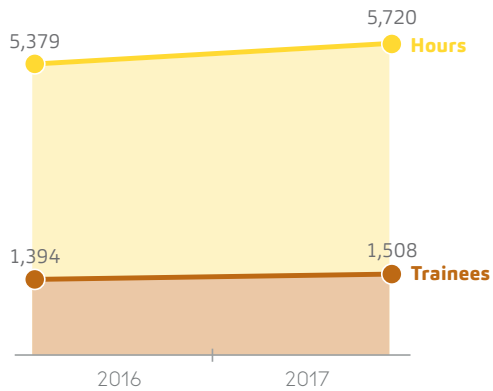
SINCE THE
END OF 2016,
ENUSA HAS BEEN
CERTIFIED AS A
HEALTHY COMPANY
– HEALTHY
INTEGRATED
MANAGEMENT
SYSTEM (SGIS)

SAFETY IS OUR PRIORITY

Occupational Health and Safety, the ENUSA Group commitments. Training, information, prevention and development of new processes will always result in less exposure of workers to the risks inherent in their job posts.

The ENUSA Group monitors the health of its employees on a preventive basis and strives toward zero accidents through its Industrial Risk Prevention Plan. Although the accident rates in ENUSA are low in comparison to the industry, the measures aimed at minimizing them have been strengthened.

ENUSA GROUP HEALTH AND IRP TRAINING



SAFETY CULTURE AND HUMAN FACTORS

To meet the demanding requirements, it is essential to assure the absence of incidents or accidents that affect Nuclear Safety, Physical and Radiation Protection and Industrial Risk Prevention. The goals achieved in 2017 as part of the actions defined in the Organization and Human Factors Program include the boost to the area of improving the Safety Culture, implementing the associated activities for this year with the reinforcement plan of Safety Culture, such as the program of observations of plant activities.

IN 2017

- ▶ Recycling of 54 people in training and use of cardiopulmonary resuscitation techniques and automatic external defibrillators.
- ▶ A total of 7,909 medical consultations have been tended.
- ▶ The regulatory Audit process of the Prevention Management System of the ENUSA Group was conducted with a favorable result.



QUALITY

For the ENUSA Group, quality is a strategic factor and basic mainstay in all its activities, and it adopts a proactive role in the implementation and development of management and continuous improvement systems.

The company is very strict about quality and continuous improvement, especially taking into consideration the features of the products and services it provides, since 100% is subject to exhaustive regulations and procedures in force to comply with the requirements of the Regulatory Bodies.

Improvement Plans have been developed in the main processes: manufacturing, on-site fuel services, design, supplies, information systems.

IN 2017, A TOTAL OF 10 QUALITY OPERATING GROUPS HAVE BEEN LAUNCHED

AUDITS

INTERNAL AUDITS PERFORMED	9 QUALITY MANAGEMENT 1 ENVIRONMENTAL MANAGEMENT 9 MANAGEMENT
EXTERNAL AUDITS RECEIVED	8 QUALITY MANAGEMENT 1 ENVIRONMENTAL MANAGEMENT
SUPPLIER AUDITS	11

SUPPLY CHAIN

ENUSA carries out a rigorous procedure of evaluation and qualification of supplier items and services that are related to safety and quality.

144 SUPPLIERS
HAVE ADHERED
TO THE CODE FOR
SUPPLIERS AND
SUBCONTRACTORS,
COMMITTING TO BASIC
PRINCIPLES OF ETHICS
AND PROFESSIONAL
CONDUCT

ACCREDITATIONS AND CERTIFICATIONS

ENUSA	ISO 9001:2015 ISO 14001:2004 EUROPEAN REGULATION EMAS III ISO 17025:2005
Emgrisa	ISO 17020:2012 ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007
ETSA	ISO 9001:2015 ISO 14001:2015



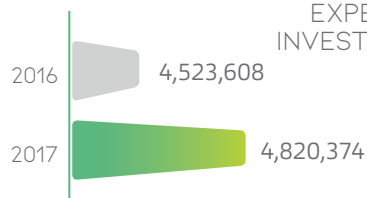
ENVIRONMENTAL MANAGEMENT

THE ENUSA GROUP STRICTLY CONTROLS THE IMPACT THAT OUR INDUSTRIAL ACTIVITIES HAVE ON THE ENVIRONMENT

2018 ENVIRONMENTAL OBJECTIVES

- ▶ Minimizing the generation of radioactive wastes: the “declassification of 4,000 kg of contaminated material” will continue.
- ▶ Minimizing at the source of RAU: implementation of “an awareness campaign to minimize paper consumption and generation of its waste” will be carried out.
- ▶ Actions for the reduction of natural resource consumption: the Project initiated as a goal of the year 2017: “Change of 3 standalone air conditioning units to renovate the cooling equipment and achieve greater energy efficiency” will continue.
- ▶ Generation of 1,000 MWh of renewable energy with biogas from the biodigestion plant of ENUSA in Juzbado for its discharge to the distribution network.
- ▶ UTE RSU Castellón: Improving the environmental performance in water consumption.

ENUSA'S ENVIRONMENTAL EXPENSES AND INVESTMENTS (€)



ENUSA'S GREENHOUSE GAS EMISSIONS (tCO₂)

	2016	2017
DIRECT	605.69	334.94
INDIRECT	3,671.84	4,071.38
ELECTRIC POWER CONSUMPTION	2,808	3,207.5
PERSONNEL AND GOODS & SERVICES TRANSPORT	863.84	863.88
TOTAL	4,277.53	4,406.32

WASTES MANAGED BY ENUSA (kg)

	2016	2017
HAZARDOUS	5,077	46,300 ⁽¹⁾
INERT	22,260	496,322 ⁽²⁾
RECYCLABLE URBAN ASSIMILABLE	66,290	44,490
MUNICIPAL SOLID	21,575	23,348

⁽¹⁾ Inerting of the fuel oil deposits (Juzbado) and changes of oil in the machinery (Saelices).

⁽²⁾ Construction work in the Madrid offices.

COMMUNICATION AND STAKEHOLDERS

- ▶ Support on the subject of Communication in the remodeling of the Madrid Center offices.
- ▶ Adaptation of our advertising to the image of the 8th Centennial of the University of Salamanca.
- ▶ In collaboration with the CSR area a corporate video has been prepared in which the main values and principles of the Company are highlighted.

In 2017 we continued to use our usual channels of communication and some recently implemented ones:

- ▶ “ENUSA Nuclear Fuel” news bulletin
- ▶ Welcome manual
- ▶ Corporate intranet
- ▶ ENU-Agenda
- ▶ Email relin@enusa.es
- ▶ Email “Comunicación Interna”
- ▶ Corporate communications and information to our internal and external stakeholders
- ▶ Corporate web
- ▶ B2B customer portal
- ▶ Twitter, YouTube, and Google +

AT ENUSA WE WORK TO PROMOTE MECHANISMS OF DIALOGUE AND COMMUNICATION WITH OUR STAKEHOLDERS AS AN ESSENTIAL ELEMENT OF OUR STRATEGY



MILESTONES 2017

COMMITTED TO
SATISFYING THE NEEDS
OF OUR CUSTOMERS

NUCLEAR BUSINESS

ENUSA has taken advantage of the significant drop in the uranium market prices to make purchases at very competitive prices, which has allowed us to renegotiate contracts in better conditions than those provided until then.

Agreements were signed to extend the alliance of the European Fuel Group (EFG) with Westinghouse until the end of 2024.

Extension of the agreement of GENUSA with Global Nuclear Fuel (GNF) until the end of 2018.

Signature of the contract to supply fuel to Cofrentes Nuclear Plant until the year 2021, with supply options that continue until 2025.

JUZBADO FUEL ASSEMBLY FACTORY

- ▶ **286.11** tons of enriched uranium (tU) produced
 - 57% earmarked for export (France, Belgium, Germany and United States)
- ▶ **739** fuel assemblies manufactured
 - 523 for pressurized water reactors (PWR)
 - 216 for boiling water reactors (BWR)

Requirements of the Complementary Technical Instructions were fulfilled on time and in proper form, as well as the commitments acquired with the Nuclear Safety Council (CSN), a consequence of the renewals of the Manufacturing and Operating and the Physical Protection Permits that were granted in 2016 by the MINETAD.

The CSN implemented a continuous inspection figure (reinforced inspection) carried out by the same resident Nuclear Power Plants inspection group.

ETSA

- ▶ Shipments in relation to nuclear medicine and other radioactive products: **49,244** (more than 140,000 radioactive loads)
- ▶ Shipments in relation to nuclear industry: **570**
- ▶ Chemical products in tanks: **1,119**

ENVIRONMENTAL BUSINESS

Emgrisa

- ▶ Drive Emgrisa as a quality brand in the sector.
- ▶ Provision of distinguishing solutions and technical support to Public Administrations.
- ▶ Strong commitment to internationalization through contracts with multilateral organizations, such as UNIDO or the World Bank. Opening of a new branch in Chile.
- ▶ Increase in the number of tenders submitted: 75% on a nationwide basis and 25% on an international basis. Approximately 40% won.
- ▶ Increase of 5%, compared to 2016, of managed industrial waste.

INCREASE IN THE PORTFOLIO OF ENVIRONMENTAL SERVICES

BIOGAS PLANT, JUZBADO

- ▶ **10,219** tons of waste treated.
- ▶ **1,344,741** kWh of energy sold.
- ▶ **1,713,629** kWh of energy supplied to the Juzbado Factory.
- ▶ **7,060** tons of liquid digestate used as liquid fertilizer digestate (t/a).
- ▶ **3,388** hours of operation.

CERVERA DEL MAESTRE MUNICIPAL SOLID WASTES PLANT

- ▶ **89,865** tons managed.
 - 7,370 tons recovered as revalorized material.
 - 2,670 tons of bio-stabilized material.
- ▶ The reception of organic matter collected selectively in two populations of Zone I (Càlig and Alcalá de Xivert) and a public institution (Albocàsser prison) was consolidated, with different collection systems implemented.

SAELICES EL CHICO CENTER

The activities for dismantling continue. Soils are being treated with technosols.





See the complete ENUSA
Group 2017 Annual Report
at www.enusa.es

