

SUSTAINABILITY REPORT

CORPORATE SOCIAL RESPONSIBILITY

2012



ADASA

WATER AND ENVIRONMENT
TECHNOLOGY





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1. MESSAGE FROM THE GENERAL MANAGER

In 2012, the macroeconomic conditions have consolidated a scenario in which International activity has represented almost half the business due to declining National (Spain) business opportunities. This situation has conditioned the strategy of the Company; approach to product and diversification. Business diversification has been one of the key aspects of the Strategic Plan developed last year.

Currently, we have carried out various initiatives in order to accelerate the commercial activity in the target countries: Mexico, Peru, Romania, Poland and Australia. In addition, in 2012 ADASA has started commercial activity in China, focus on our products.

In 2012, Adasa developed Water-Radd, the innovative product for a continuous low level radioactivity measurement based on plastic scintillation microspheres, developed by Adasa in collaboration with the University of Barcelona. Water-Radd will be shown in the 22nd International Advances in Liquid Scintillation Spectrometry (LSC 2013).

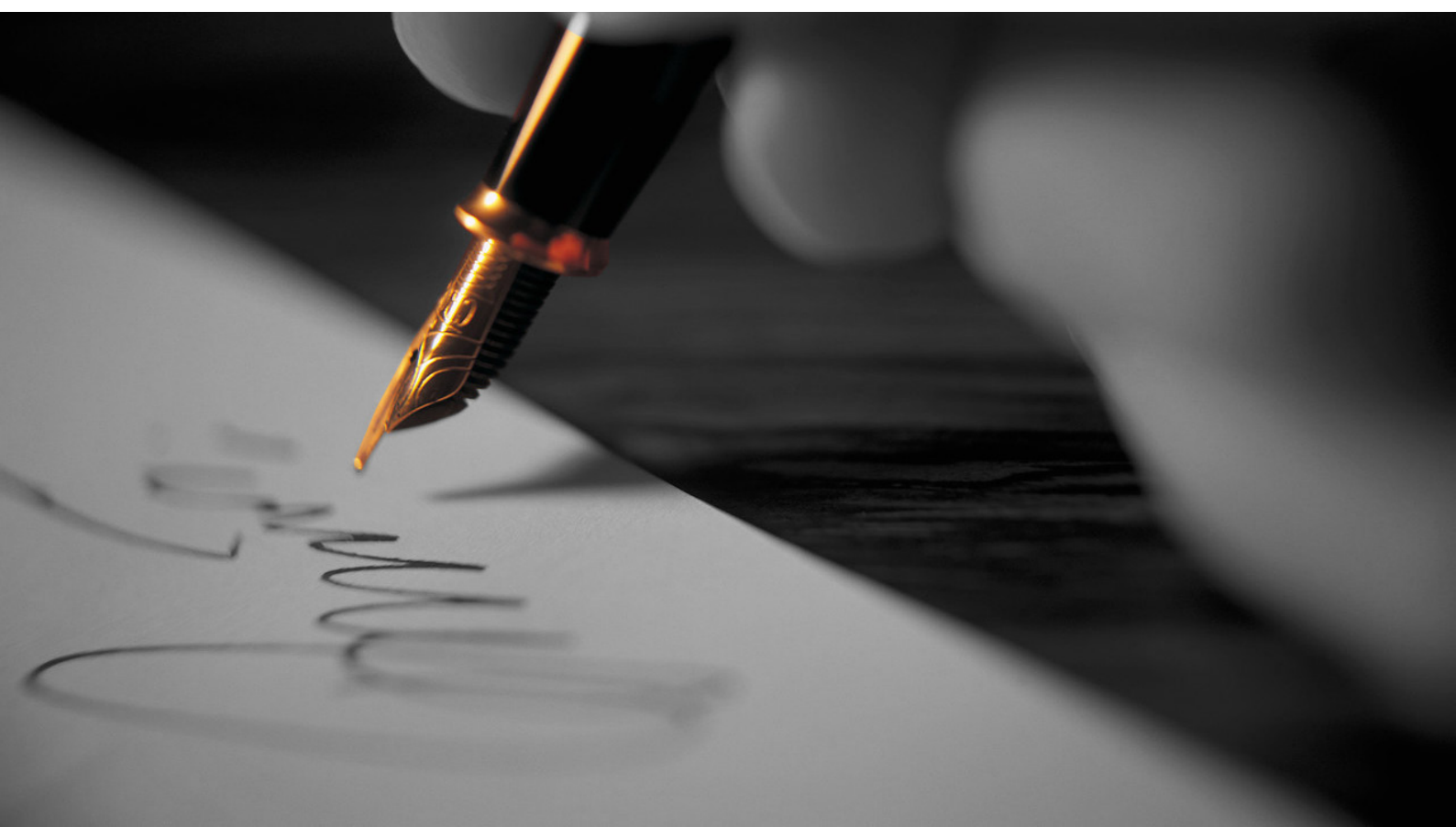
In 2012 we maintained the leadership of a consortium of companies to carry out the project ITHACA (IMPRONTA Program), initiated in 2011 and based on purification and wastewater treatment.

Adasa remains committed to the values of responsible and sustainable management, and therefore, in 2013 Adasa will keep its commitment with UN Global Compact principles.

Regards,

Albert Molina

Director



2. SCOPE

Adasa published the Sustainability Report in order to communicate the commitment and management strategy on social responsibility, the mechanisms for dialogue with stakeholders and social, environmental and economic indicators.



The environmental data contained in the report are externally verified in the audit of EMAS Regulation verification included in the Environmental Statement, also published annually and supplementing the information contained in the Sustainability Report.

3. RESPONSIBLE MANAGEMENT

On the way to excellence, ADASA has implemented and certified an **Integrated Management System (quality, environment, health&safety and social responsibility)**, based on **ISO 9001:08, UNE166002:06, ISO 14001:04, EMAS, OHSAS 18001:07, ISO / IEC 17020:04, CMMi, and SGE21: 08** standards.

In 2008 ADASA began implementing measures to reconcile work and family. The main goal was to improve working conditions and to optimize the capabilities and resources of our staff, keeping an optimum relationship with the environment. In 2011 ADASA implemented and certified a social responsibility management system according to SGE21 standard by Foretica, taking a step forward on our social commitment.

For the near future, the main goal is to reach a higher maturity level to reflect the continuous improvement of responsible management and balanced for all the stakeholders of ADASA.



Adasa has been a signatory to the United Nations Global Compact since 2007. The **UN Global Compact** asks companies to embrace, support and enact, within their sphere of influence, a set of core values in the areas of human rights, labour standards, the environment and anti-corruption.

www.unglobalcompact.org

4. SOCIAL RESPONSIBILITY POLICY

Adasa Engineering, specialises in sector-based solutions and technological solutions applied to water and the environment, and carries out its business in a changing and globalised environment in which the excellence of its technology, services and management are an essential requisite for competitiveness, development and progress. The knowledge and experience of Adasa allow us to provide solutions that fulfil the needs and expectations of our clients.

The General Management leads the organisation towards **a model of EXCELLENCE, TOTAL QUALITY and Social Responsibility, based on the following strategic plans: process-based management, knowledge management, human capital and the organisation's capacity to innovate.**

Adasa is **COMMITTED** to:

- ITS HUMAN RESOURCES

Creating and maintaining a climate that guarantees and promotes a favorable environment and organization. Providing the resources and carrying out the appropriate actions for implementing a policy of ongoing training and development. Facilitating and managing:

- Internal communications
- A positive work-life balance
- Fairness and justice in terms of remuneration for each person's contribution.
- Equal opportunities
- The opportunity to participate in certain decisions, taking into account the interests and concerns of the employees affected by the changes.

- CLIENTS

Establishing effective channels of communications that allow the company to identify their needs and foresee their demands.

Maintaining a spirit of ongoing improvement throughout the relationship, externalizing the added value to the client and promoting research, development and innovation in the services provided. Guaranteeing an excellent service in terms of quality. Adasa has implemented a quality management system certified by the UNE standard: EN: ISO 9001:08 and UNE 166002.

- THE COMPANY

Maintaining a social communication channel, based on the principle of transparency, whilst promoting a cooperative relationship with the authorities and an open dialogue with the stakeholders, to whom this policy is directed. In fulfilling our commitment to these communication channels, we have set up the website: www.adasasistemas.com

Fostering training, research and informative actions to improve the health, safety and integration of our employees whilst promoting a system of ongoing improvement in our environmental management.

- SUPPLIERS

Encouraging our suppliers to act in a socially responsible manner, establishing mutually beneficial, open, respectful and honest relationships.

Maintaining the appropriate data confidentiality and privacy by implementing quality, environmental and social criteria when evaluating suppliers.

- THE ENVIRONMENT

Any project must be based on the principle of protecting and improving the environment and the prevention of pollution in order to promote the global objective of sustainable development.

The improvement and protection strategies include actions to combat climate change.

Adasa has implemented an environmental management system certified by the UNE: EN: ISO 14001:04 standard and the EMAS Regulations, which means that it has an active strategy of ongoing improvement for minimising its environmental impact and contributing to a sustainable environment by developing new environmental protection technologies.

Every year, the Organisation renews its commitment to transparency (EMAS) and publishes important environmental information in the Environmental Declaration. This presents the data on the consumption of resources, waste generation and the environmental impacts associated with its activities.

- HEALTH&SAFETY

Providing the resources necessary to guarantee the safety of our employees and effectively improve the working conditions of the different activities in the company.

Adasa has implemented and certified a management system for health & safety in the workplace, according to the OHSAS 18001:07 standard, which means that it has ongoing improvement processes for eliminating risks and minimizing those that cannot be avoided to ensure optimal safety conditions in the workplace.



5. ADASA ACTIVITY

Engineering services specialized in sector-based and technological solutions for application in the management of the integral water cycle and the environment.

Set up in 1988, it is currently a member of Comsa Emte Group Systems and Technology Business Unit. A leader and company of reference in automation and control, information and communication systems and in hydrological control, water quality and air quality networks and meteorological parameters.

An expert in the design, development and implantation of projects, and the maintenance and operation of those projects. Proof of this are the many national and international projects it has undertaken for Public Bodies and companies from the private sector. Adasa is following a strong international expansion strategy, seeking out new markets and implementing sizeable and important projects.

Currently Adasa is associated to AEAS, AFRE, ADECAGUA, ARA, IWA, IBEROAQUA, OMMAC, SEPREM, SWAN and WssTP.

Through its branch offices, Adasa has total national coverage and is also present in Latin America, Europe, Australia and North Africa.



- COUNTRY WITH PERMANENT PRESENCE
- COUNTRIES WITH ACTIVITY



PERMANENT PRESENCE

AUSTRALIA
COLOMBIA
SPAIN
MEXICO
PERU
POLAND
ROMANIA

COUNTRIES WITH ACTIVITY

SPAIN
BELGIUM
CROATIA
FRANCE
ICELAND
ROMANIA
POLAND
MEXICO
CHILE
HONDURAS
VENEZUELA
PERU
MOROCCO
ALGERIA
AUSTRALIA



5. ADASA ACTIVITY

R+D+i

Adasa promotes R+D+i reinvesting more than 8% of turnover

In response to the constant demand for new technologies and products, Adasa promotes research, development and innovation applied to water, meteorology and environment.

Since April 2009 Adasa develops its R&D and innovation activities according to UNE 166002:2006 regulation "R&D and innovation Management". Its implantation, not only reinforces the structure of processes of research, technological development and innovation, but also enables Adasa to recognize emergent and new technologies, improving its competitiveness, generating new products and creating new business lines.

During its existence, Adasa has won international recognition, accrediting the importance of fostering research, development and innovation strategies as the fundamental elements of a competitive society.

Research Centers, Scientific and Technological Institutions, Universities

Its firm vocation and proactive philosophy are shown in the constant development of national and international projects, in collaboration with universities, scientific institutions and research centres, with the aim of promoting technical innovation, which is essential for guaranteeing the future wellbeing of society, conserve the environment and ensure sustainable development.

Among the scientific institutions, research centers and universities with which collaborates Adasa national and international projects, we can highlight the following:

Universities:

- Universitat de Barcelona - Grupo QÜESTRAM
- Universitat Autònoma de Barcelona
- Universidad de Zaragoza - Grupo de Tecnologías Fotónicas (GTF)
- Universidad de Extremadura - Grupo de Aplicaciones Industriales de la Inteligencia Artificial (AIIA) y Grupo de Investigación en Sistemas de Sensores (GISS)
- Universidad Politécnica de Valencia - Instituto de Reconocimiento Molecular y Desarrollo Tecnológico (IDM)
- Universitat Politècnica de Catalunya - Centre de Recerca Aplicada en Hidrometeorologia (CRAHI)
- Universitat Politècnica de Catalunya - Sistemas Avanzados de Control (SAC)
- Universitat de Girona - Laboratorio de Ingeniería Química y Ambiental (LEQUIA)
- Universidad Politécnica de Madrid
- Universidad Complutense de Madrid
- Centre Suisse d'Électronique et de Microtechnique
- Imperial College of Science, Technology and Medicine de Londres
- École Polytechnique Fédéral de Lausanne
- Institut Français de Recherche pour l'Exploitation de la Mer
- Université de Genève
- Institut Telecom de París

Technology centers, foundations and other entities:

- Centro Superior de Investigaciones Científicas - Instituto de Diagnóstico Ambiental y Estudios del Agua (CSIC-IDAEA)
- Institut Català de Recerca de l'Aigua (ICRA)
- LEITAT Technology Center
- National Microelectronics Centre (CNM)
- Institute for Research and Technology (IRTA)
- ICCE-UNESCO International Centre for Coastal Ecohydrology
- SEMIDE-EMWIS Euro-Mediterranean Information System

Promotion agencies, grants and subsidies for R & D + i:

- Center for Industrial Technological Development (CDTI)
- ACCIÓ
- UE



5. ADASA ACTIVITY

PARTNERS

Adasa has the support of prestigious organizations worldwide, through which strategic alliances are established to ensure the implementation of best solutions and the integration of technology tools with high added value.

These channels and partner networks are driving the development of new technological tools and the exchange of experiences, knowledge and innovation to ensure the success and achievement of projects.

Some partners are listed below:

- Areal - Topkapi
- Aspentech Infoplus
- Wonderware – Arquestra
- Industrial Defender - RTAP
- ESRI
- Creaf - Miramon
- Intergraph
- DNP3
- Eurimage
- Microsoft
- Oracle
- Microstrategy
- Motorola
- Cards Sun, Veritas, HP
- Sun Microsystem
- Red hat Network

ASSOCIATIONS

Adasa is part of the following professional associations, where it favors the contribution and active participation in achieving sustainable water use and commitment to the environment.

These collaborations encourage the exchange of knowledge, creating a common forum between different professionals.

- Spanish Association of Water Supply and Sanitation (AEAS) - Spain
- Spanish Manufacturers Association of Water and Irrigation (AFRE) - Spain
- Association for the Defense of Water Quality (ADECAGUA) - Spain
- Romanian Water Association (ARA) - Romania
- American Association of Water and Irrigation Technologies (IBEROAQUA) - Latin America
- International Water Association (IWA) - Global Character
- Spanish Water Technology Platform (PTEA) - Spain
- Catalan Water Partnership (CWP) - Spain

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- Mexican Meteorological Organization, B.C. (OMMAC) - Mexico
 - OPC Foundation
 - Open Geospatial Consortium (OGC)
 - Spanish Society of Dams and Reservoirs (SEPREM) - Spain
 - Smart WATER Network (SWAN) - Europe
 - Water supply and sanitation Technology European Platform (WSSTP) - Europe

On the other hand, Adasa is actively involved in the following national and international associations:

- EWP European Water Partnership - Europe
- European Committee for Standardization (CEN) - Europe
- AICIA (Association for Research and Industrial Cooperation of Andalusia)
- Spanish Association of Linked Data (AELID)
- Consortium of Universities for the Advancement of the Hydrological Science, Inc. (CUAHSI)
- Model Working Group Standardized Water Management (MEGA)



6. STAKEHOLDERS

Sustainability is a global concept that ADASA translates into action on the Stakeholders (Interest groups). The Map of Dialogue is a core document for ADASA to describe the relationship with each group. The main objective is to detect stakeholders continuously, taking into account the different circumstances (geographical, social, ...) and define the appropriate actions to keep a balance to allow development and positive impact for all groups involved





7. MAJOR PROJECTS

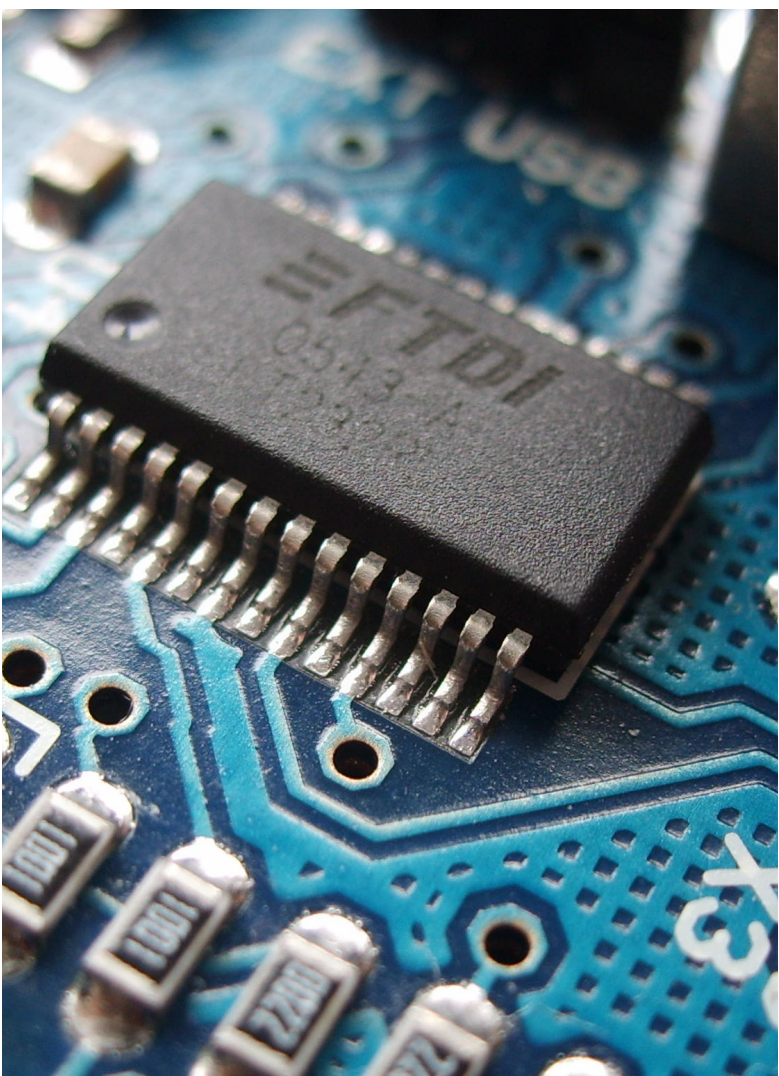
Water-Radd, Automatic Radioactivity Level Measurement in Freshwaters.

Water-Radd is an innovative product for a continuous low level radioactivity measurement based on plastic scintillation microspheres developed by Adasa in collaboration with the University of Barcelona. The main goal of the project was achieving automatic equipment, mobile, manageable and with appropriate cost and limits of detection, for the determination of the intensity of radiation from radionuclides contained in the water used for urban and industrial uses. The automation is based on plastic scintillator technology, is able to discern the energy of radioactive particles and thus, the alpha and beta of high and low energy, as well as could operate in aggressive conditions (automatic water quality stations installed close to the river).

Water-Radd is the world's first product for freshwater continuous radionuclide concentration measurement with alert levels close to those established in current regulations. Water-Radd can be used for monitoring natural radioactivity, rivers near nuclear plants, hospital wastewater, rivers near mining industry,...

Partners:

Funding:



R+D+i - Building Innovation

Adasa leads a consortium of 10 companies and 11 universities and technology centers for research in the field of wastewater treatment, under the title Investigation of technologies for treatment, reuse and control for the future sustainability of water purification (ITHACA). The project is part of the INNPRONTA Program directed to finance large industrial research projects by the Centre for Industrial Technological Development (CDTI).

The ITHACA project permits exploring new technologies, more efficient and sustainable, making the treatment process on a strategy for re-use of substances, products and waste, and energy recovery, minimizing impacts on the environment.

The concession by the CDTI to lead ITHACA project, supports the commitment of Adasa and Comsa Emte group companies to R+D+i as a strategic tool for growth and its commitment to improve the welfare of society, sustainable development and preservation of the environment.

Adasa participates in the National Strategic Consortia for Technical Research (CENIT-E). Adasa is a member of the consortium involved in the development of SEILA project, one of 18 major projects for public-private R+D+i approved by the Ministry of Science and Innovation.

Adasa assists in the development of new technologies for an efficient, environmentally friendly and intelligent washing of future textiles, within water field in the whole project led by Fagor (electrical appliances) and which involved a total of 16 companies and 25 research centers.

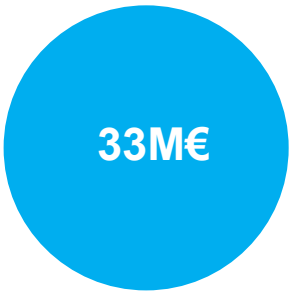
SEILA is an industrial research project of large scale and internationally, and noted for the use of new technologies for sustainable management of water cycle in new washing processes efficient and environmentally friendly textiles.



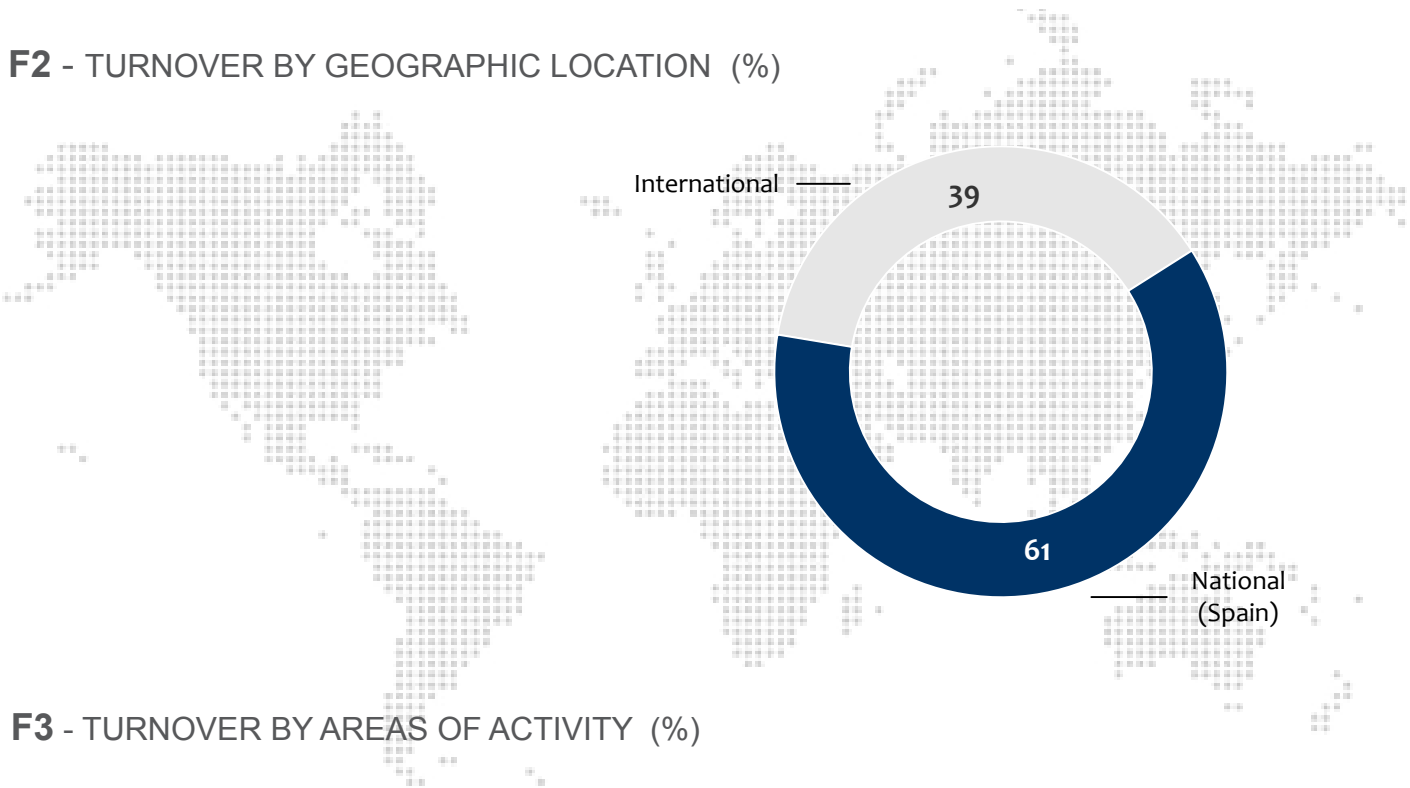
8. FINANCIAL INDICATORS

FINANCIAL

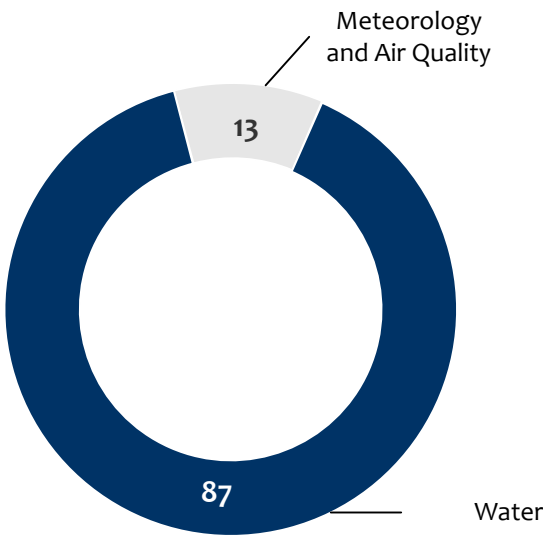
F1 - ANNUAL TURNOVER



F2 - TURNOVER BY GEOGRAPHIC LOCATION (%)



F3 - TURNOVER BY AREAS OF ACTIVITY (%)



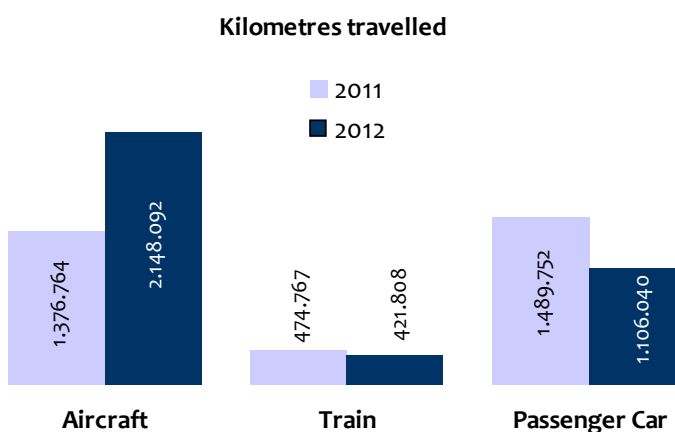
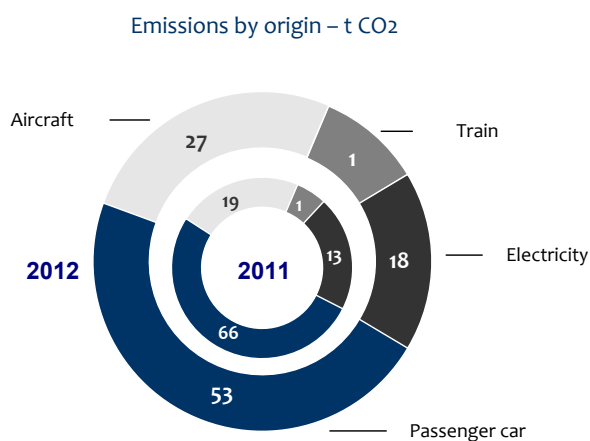
8. ENVIRONMENTAL INDICATORS

ENVIRONMENT

	2011	2012
E1 - Electricity Consumption kWh/employee	1789	1856
E2 - Water Consumption m3/employee	7,1	6,5
E3 - Paper Consumption kg/employee	9,3	6,3
E4 - Total Waste kg/employee	37,8 (*)	38,1
E5 - Emissions tCO2/employee	2,8	2,87

(*) Modified respect to Sustainability Report 2011.

In order to calculate emissions it was taken into account all work travels (National and International) performed by plane, train and car.

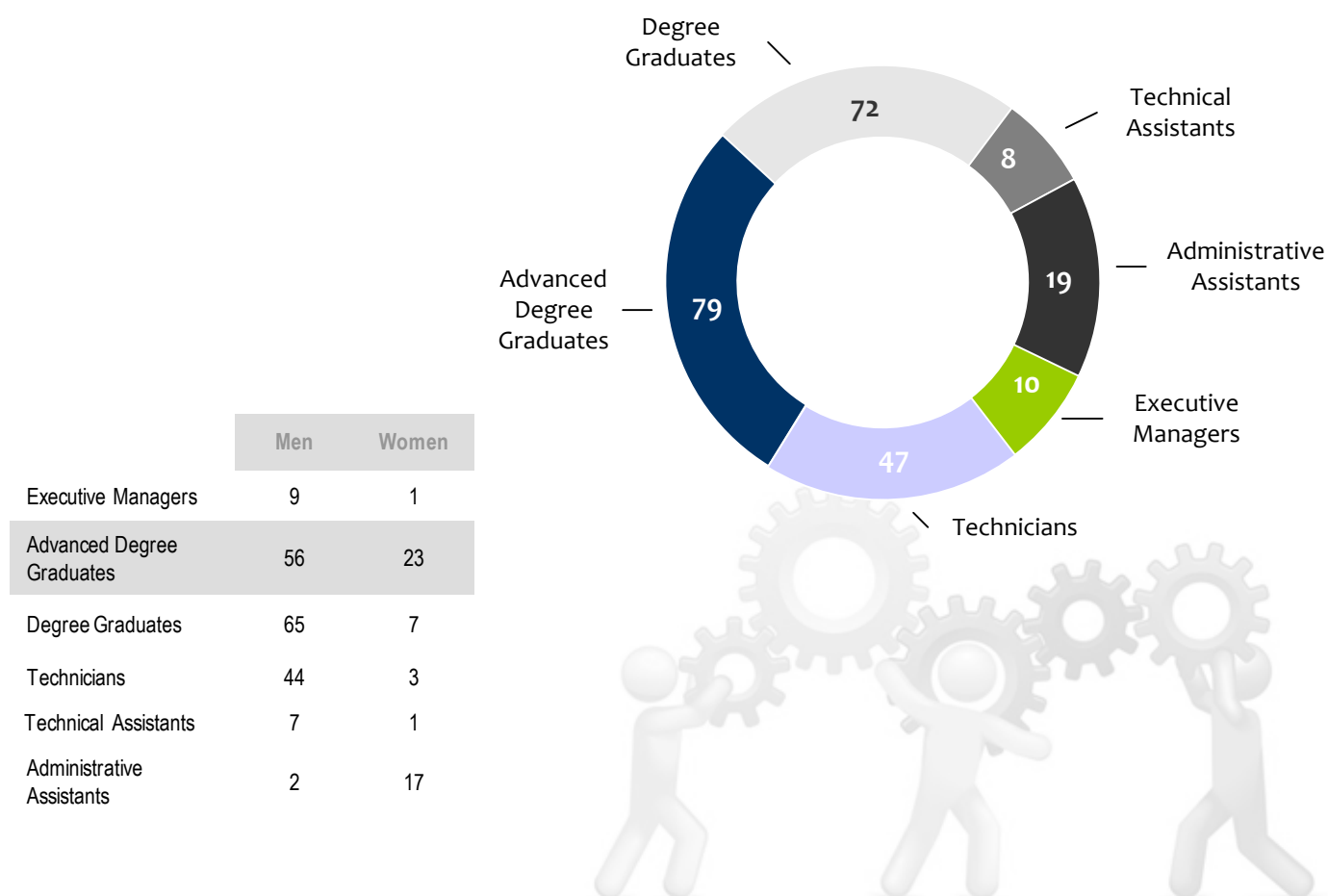


8. SOCIAL INDICATORS

SOCIAL

	2011	2012
S1 - Staff Number of employees	269	235
S2 - Average employee age Years	37	38
S3 - Average employee permanency Years	5,3	5
S4 - Permanent Employment %	85%	64%

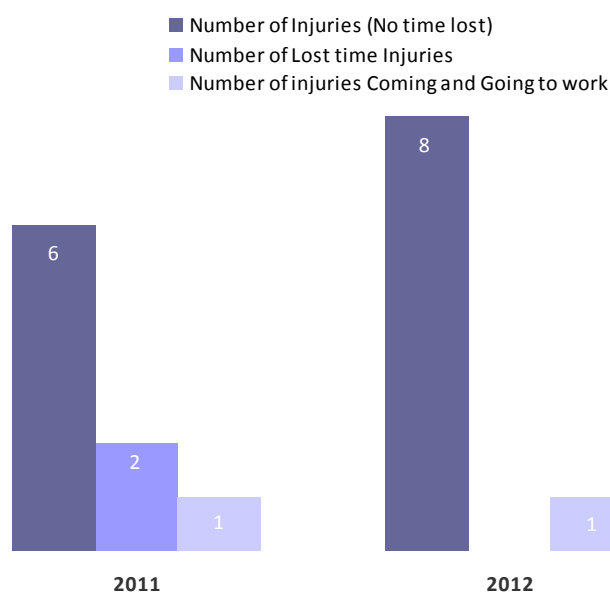
S5 - DISTRIBUTION BY PROFESSIONAL GROUP



8. HEALTH&SAFETY INDICATORS

HEALTH SAFETY

	2011	2012
HS1 - No lost time injury frequency rate (NLIFR) <i>(No. Injuries *1 million hours worked / No.employees)</i>	11,8	17,5
HS2 - Lost time injury frequency rate (LTIFR) <i>((No.Lost time injuries *1 million hours worked / No.employees</i>	3,9	0
HS3 - Lost time per LTI %	0,13	0



In 2012 there has not been recorded any Lost Time Injury. 89% of total accidents correspond with No Lost Time Injuries and 11% happened coming and Going to work.

Respect to 2011, LTIs (Lost Time Injuries) have decreased by 100%, NLTIs (No Lost Time Injuries) have increased by 33%, and it has been recorded the same percentage than 2011 respect to Coming and Going to Work accidents.

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