

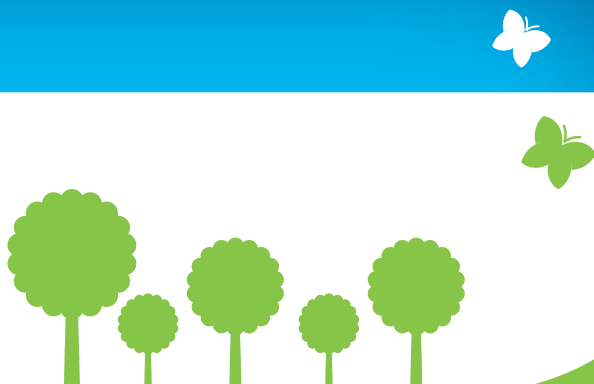
SUSTAINABILITY

REN

SUSTAINABILITY
2015

REN 

SUSTAINABILITY TAKES US FORWARD



Reconciling respect between nature and technological advance is possible, as REN has shown year after year.

By reducing the company's environmental impact, by developing many new initiatives that improve the daily lives of millions of people, or by enhancing the careers of our employees, we are defining new targets of excellence in the supply of electricity and natural gas.





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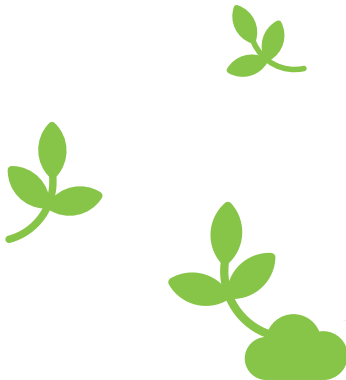
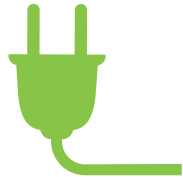


SUSTAINABILITY VISION

REN's mission is to ensure the uninterrupted supply of energy to the entire country.

A commitment that has become increasingly ambitious, by associating the company's development with a continuous effort for active corporate citizenship and in-depth engagement with the communities in which we operate, both socially and environmentally.

This is the harmony we believe contributes to an increasingly positive world.





PROMOTION OF INTERNAL WELL-BEING

Guaranteeing a safe working environment that ensures our workers are able to develop their full potential is a priority of REN. Enhancing human capital is the key to success.



STAKEHOLDER ENGAGEMENT AND SATISFACTION

REN is increasingly present in the lives of local populations. It is an engagement that, besides guaranteeing better levels of well-being, also strengthens the role of the communities in the company's policies.



ENVIRONMENTAL PROTECTION

Protecting nature is one of the main commitments of REN. All sustainability policies are based on a more streamlined use of the company's resources and the reduction of the environmental impact.



AS YOU GO THROUGH THIS BROCHURE YOU WILL COME ACROSS ICONS REPRESENTING REN'S MANY SUSTAINABILITY INITIATIVES.



STRATEGY AXES

REN revised its sustainability strategy in 2015, following the new survey of stakeholders carried out at the end of 2013. In this revision it identified three fundamental cornerstones: promotion of internal well-being, stakeholder engagement and satisfaction with our activities, and environmental protection.





PROMOTION OF INTERNAL WELL-BEING

The enhancement of the human capital of REN is of inestimable importance to the achievement of our goals. It is essential to ensure that our employees have the best conditions to carry out their roles, that there is diversity and equal opportunities, and that all our very high health, safety and hygiene at work standards are complied with.

In summary, it is a priority that REN is an increasingly good company to work for, a company that provides all its employees with an environment in which their talent and hard work can bear fruits, thus contributing to the personal growth of the employee and ensuring the organisation works well.



STAKEHOLDER ENGAGEMENT AND SATISFACTION

REN, by the nature and scope of its mission, is a company with operations spread throughout the country and a business activity that frequently requires interaction with local communities. It is our goal to contribute to the dignity, well-being and quality of life of the Portuguese, so we consider it is not sufficient to ensure an efficient and accessible service, but rather to promote an inclusive culture that encourages the engagement of all stakeholders and gives communities an active role. We want to hear the concerns and recommendations, fostering and rewarding the good initiatives and creating a positive impact with local populations, who we see not as passive beneficiaries but as partners providing decisive collaboration.



ENVIRONMENTAL PROTECTION

REN is committed to being an active agent for environmental protection, implementing reforestation policies, fostering environmental education, upholding the rational use of natural resources and preventing pollution. REN also supports the development of renewable energy and performs an active role in the prevention of climate change.



REN IN 2015

GROWTH TAKES US FORWARD

REN's figures show it has an increasingly more all-embracing presence in Portugal and in the lives of millions of the Portuguese.



3.1 M€

INVESTMENT IN ENVIRONMENTAL CONSERVATION



8,805 Km

OF ELECTRICITY GRID



49.634 MWh

ELECTRICITY SUPPLIED



1,375 Km

OF NATURAL GAS PIPELINES



50.903 MWh

OF NATURAL GAS SUPPLIED



300.0 MM³

UNDERGROUND STORAGE CAPACITY



0.4 M€

DONATIONS/
SPONSORSHIPS



0.00 min

NATURAL GAS EQUIVALENT
INTERRUPTION TIME



0.00 min

ELECTRICITY EQUIVALENT
INTERRUPTION TIME



349

STORK NEST PLATFORMS
INSTALLED



0.6 M€

INVESTMENT
IN R&D



221

STORK NESTS
MOVED



567,000

TREES PLANTED AS PART OF FOREST
CONVERSION ACTIVITIES IN AN AREA
OVER 630 HA



FIND OUT MORE HERE:

This and other information
is available for consultation
on the REN website.

WWW.REN.PT



AWARDS

EXCELLENCE TAKES US FORWARD

The prizes and awards won in 2015 give us extra motivation to continue to define more innovative initiatives.



Gold, Mercury Excellent Awards 2014

Annual Reports – Overall Presentation – Energy

AAA Corporate Governance rating Portuguese Catholic University

For the Portuguese Association of Securities Issuing Companies
Voted for by the market

Best Corporate Social Responsibility policy and Promotion of Well-Being, Masters of Human Capital

Nós Programme

Silver, 2015 Questar Awards

Internal Communications (Intranet)

Silver, ARC Awards 2015

Annual Report-Interactive Annual Report:
Integrated Annual and Sustainability Report

Bronze, International Business Awards – Stevie Awards

R&C online

2015 APCE Grand Prize

APCE

Silver, Best in Biz Awards 2015

R&C online

Silver, Galaxy Awards 2015

Online Annual Report

Bronze, Best in Biz 2015

Online Annual Report

Healthy Workplaces

2nd place of the Large Companies

FEIEA Grand Prix 2015

European Federation of Internal Communication (FEIEA)

Best in Class, 2015 Interactive Media Awards

REN Website

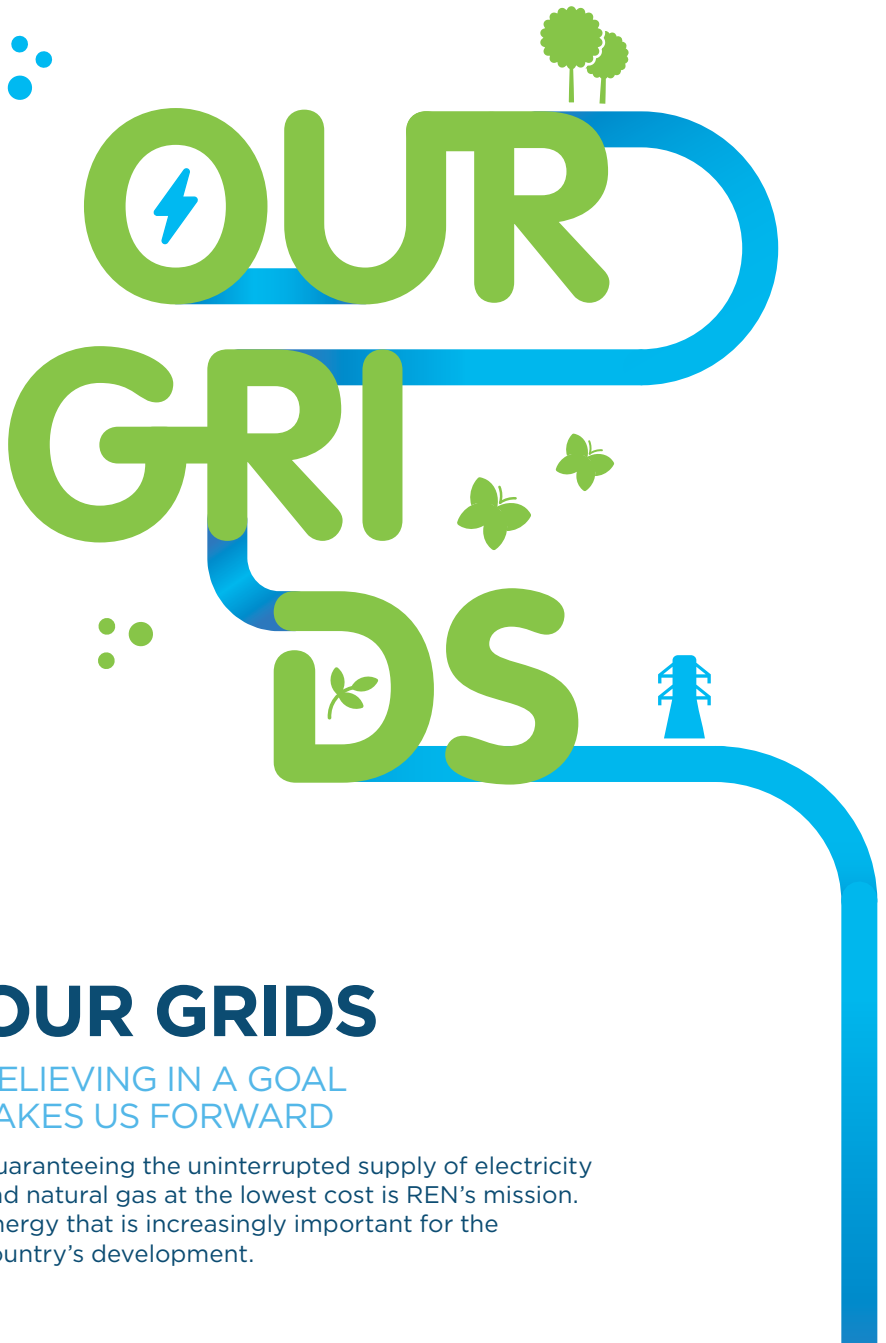
Bronze, 2015 INova Awards

REN Sustainability Report

APG Corporate Award – NÓS Programme

Portuguese People Management Association (APG)





OUR GRIDS

BELIEVING IN A GOAL
TAKES US FORWARD

Guaranteeing the uninterrupted supply of electricity and natural gas at the lowest cost is REN's mission. Energy that is increasingly important for the country's development.



49,0 TWh

CONSUMPTION OF
ELECTRICITY SUPPLIED
FROM THE PUBLIC
GRID IN 2015

The consumption of electricity supplied from the public grid totalled 49.0 TWh in 2015, 0.3% higher than the previous year. Variation was 0.1%, after correction for the effect of temperature and the number of business days. This confirms the stabilisation of consumption noted in recent years.

Installed generating capacity in the power plants connected to the public grid at the end of 2015 totalled 18,342 MW, of which 11,309 is from ordinary status generation thermal power stations and large hydroelectric power plants and the remaining 7,032 MW comes from special status generation plants. Of note in 2015 is the entry into service of the increased capacity of the Salmonde plant on the River Cávado, with 220 MW, reversible; the upstream dam of Baixo Sabor, with 153 MW, and also the Ribeiradio power plant on the River Vouga, with 75 MW. The power from wind farms connected to the grid increased 94 MW and solar photovoltaic energy also increased 32 MW.

In 2015 there was no repeat of the exceptional conditions for renewable generation that had occurred the previous two years, so the renewable share supplying consumption declined from 62% in 2014 to 47% this year. Renewable generation currently supplies, under average conditions, just over 50% of national consumption.

A total of 52.2TWh of natural gas was consumed in 2015, which is strong growth of 15.3% on the previous year. This growth was driven by the increase in consumption by the electric sector. The growth of consumption registered in 2015 led to increases of 16% in the natural gas sourced through the Sines LNG terminal and 13% in natural gas sourced through the Campo Maior and Valença interconnections. The interconnections accounted for 67% of supply to the national system, mainly natural gas from Algeria, while the remaining 33% was supplied by the LNG terminal, with most of the natural gas coming from Nigeria.

ELECTRICITY	'11	'12	'13	'14	'15
TECHNICAL INDICATORS					
CONSUMPTION, TWh	50.2	49.1	49.2	48.8	49.0
ANNUAL VARIATION IN ELECTRICITY CONSUMPTION, %	-3.3%	-2.9%	0.2%	-0%	-0.3%
INSTALLED CAPACITY, MW	18,793	18,481	17,758	17,841	18,342
POWER TRANSMITTED ON THE RNT, TWh	42.2	41.0	41.5	41.9	43.0
LENGTH OF LINES, KM	8,371	8,534	8,733	8,630	8,805
TRANSFORMATION CAPACITY, MVA	33,777	33,915	34,984	35,754	36,673
ENERGY TRANSMISSION LOSSES, %	1.54%	1.56%	1.75%	1.89%	1.56%
EQUIVALENT INTERRUPTION TIME, MINUTES	0.27	0.00	0.09	0.02	0.00

NATURAL GAS	'11	'12	'13	'14	'15
TECHNICAL INDICATORS					
CONSUMPTION, TWh	57.5	50.2	47.9	45.3	52.2
ANNUAL VARIATION IN NATURAL GAS CONSUMPTION, %	-0.5%	-12.7%	-4.6%	-5.4%	15.3%
OUTPUTS FROM RNTGN, TWh	58.2	50.3	48.9	45.5	53.0
LENGTH OF HIGH-PRESSURE NATURAL GAS PIPELINES, KM	1,298	1,298	1,375	1,375	1,375
UNDERGROUND NATURAL GAS STORAGE CAPACITY, MM ³	132.7	132.7	138.0	170.3	300.0
EQUIVALENT INTERRUPTION TIME, MINUTES	0.00	0.00	0.00	11.60	0.00



OUR APPROACH

PROTECTING IDEAS
TAKES US FORWARD

Small efforts lead to big results, and REN marks the difference in such areas as human rights, good labour practices and environmental protection.



REN respects the commitments arising from the 2005 United Nations Global Compact (UNGC) to supply information concerning the implementation of the ten human rights, labour practices, environmental protection and anti-corruption principles.

CODES AND PRINCIPLES

- REN Group
Code of Conduct
- Functional Codes of Conduct
- Global Compact
Anti-corruption Charter
- Company and HIV
Code of Conduct
- Quality, Environment and Safety
Policy Statement
- Social Responsibility
Policy Statement
- UN Global Compact

Human Rights

- 1 **Respect and protect** human rights
- 2 **Prevent violations** of human rights

Labour

- 3 **Uphold the freedom** of association at work
- 4 **Eliminate forced labour**
- 5 **Abolish child labour**
- 6 **Eliminate discrimination** at work

Environmental Protection

- 7 **Support a precautionary approach** to environmental challenges
- 8 **Promote greater environmental responsibility**
- 9 **Encourage the development** of environmentally-friendly technologies

Anti-corruption

- 10 **Combat corruption** in all its forms, including extortion and bribery



INTERNAL WELL-BEING

PROMOTION OF INTERNAL WELL-BEING

THE RIGHT TEAM TAKES US FORWARD

Our employees are most responsible for REN's success. Their work gives us the confidence to meet all our goals.



PROFILE OF REN EMPLOYEES

620

NO. OF EMPLOYEES

6.6%

TURNOVER



AGE DISTRIBUTION

59

EMPLOYEES
< 30 YEARS

361

EMPLOYEES
30-50 YEARS

200

EMPLOYEES
> 50 YEARS



HUMAN RESOURCE ACCOUNTS

10

MANAGERS
ARE WOMEN

62%

OF EMPLOYEES HAVE
UNIVERSITY-LEVEL
QUALIFICATIONS

18,644

HOURS OF TRAINING

24%

MALE/FEMALE
RATIO

609

PERMANENT
EMPLOYEES

CORNERSTONES OF HUMAN CAPITAL MANAGEMENT

2015 focused on the implementation of the new Collective Work Agreement (ACT), which created a single system of collective labour relations for most employees, with the uniformisation of decisive human resource policies in order to create a single group culture. In addition, a set of internal regulations in different fields was developed, which is crucial to the consolidated implementation of the integrated and cross-cutting practices. This was a critical step for increasing the perception of internal equality, measures cutting across the group, and the alignment of the human resource management of the REN Group with the current and future needs of the business. The programmes and initiatives developed in 2015 focused on this consolidation of the human resources strategy developed in recent years to create a single culture:

- Continuation of organisational alignment and adjustment, leveraging adaptation to the requirements of REN's current and future business and the creation of new opportunities;
- Continuation of programmes for the development and recognition of talent and performance, taking into account the specific needs of the business and the best market practices;
- Start of the structuring of an integrated development programme for the different groups of employees, fostering their integration, adaptation, development and career advancement;
- Continuation of the development of motivation and sustainability programmes in relation to the organisational climate, as well as greater proximity to the community through initiatives to promote areas such as equilibrium, equality and inclusion that have extensive impact and recognition;
- Development and implementation of a flexible social benefits programme, where the benefits offered at each stage of life are adequate to that time of life, which are recognised for their value by employees;
- Continuation of the recognition of organisational and individual merit, in a sustained manner.

PERSONAL AND PROFESSIONAL DEVELOPMENT

The REN Trainee Programme is already a consolidated programme in building the capacity of the company with the best and most appropriate human resources. It consists of professional, academic and summer internships. The trainees always have the opportunity to develop specific projects that create value for the areas and aid in the training of the interns.





36

EINTERNS ON THE REN TRAINEE PROGRAMME

INDICATORS

	'13	'14	'15
VOCATIONAL INTERNSHIPS			12
ACADEMIC INTERNSHIPS			30
SUMMER INTERNSHIPS			17
TOTAL			59

*Nine interns on Job Rotation

A highlight in 2015 is the increased technical training in the business areas that is conducted by internal trainers, which has allowed the growth of the sharing, updating and development of key knowledge for the company's business.

TRAINING

	'13	'14	'15
NO. OF HOURS OF TRAINING	41,225.0	29,939.2	18,644.4
NO. OF PARTICIPANTS	3,576	2,883	3,031
NO. OF HOURS OF TRAINING PER EMPLOYEE	58.7	45.4	29.3
AVERAGE NO. OF EMPLOYEES	702	659	637

TRAINING FIELD (NO. OF HOURS)

	'13	'14	'15
BEHAVIOURAL	8,634.5	1,541.9	544.4
TECHNICAL	28,161.0	23,767.8	14,661.0
QUALITY, ENVIRONMENT AND SAFETY	4,429.5	1,413.0	1,881.5
MANAGEMENT	0.0	3,216.5	1,557.5
TOTAL	41,225.0	29,939.2	18,644.4

TRAINING FIELD (NO. OF PARTICIPANTS)

	'13	'14	'15
BEHAVIOURAL	1,409	340	125
TECHNICAL	1,357	1,762	2,086
QUALITY, ENVIRONMENT AND SAFETY	810	242	562
MANAGEMENT	0	539	258
TOTAL	3,576	2,883	3,031

FUNCTIONAL GROUP (NO. OF HOURS)

	'13	'14	'15
TOP MANAGEMENT	1,508.0	1,638.7	928.4
MANAGEMENT	2,685.9	3,106.3	1,134.6
TECHNICAL/OPERATIONAL COORDINATION	1,405.0	1,397.7	555.0
SENIOR STAFF	25,370.9	16,493.4	10,436.4
OPERATIONAL/ ADMINISTRATIVE	10,255.2	7,303.1	5,590.0
TOTAL	41,225.0	29,939.2	18,644.4

HEALTH AND SAFETY

REN's commitment to the effective management of occupational health and safety is driven by its awareness that a safe and healthy environment is key to satisfying the various stakeholders.

The occupational health and safety management system is certified by an accredited body and includes the vast majority of Group companies. Its main purpose is to prevent accidents and professional illnesses involving employees of the company, and the employees of its contractors or service suppliers.

In 2015 approximately 27% of REN's contractors and suppliers had implemented and certified OHSAS 18001/NP 4397 safety management systems in place.

During 2015, REN held a number of safety training and awareness initiatives for all (100%) of its contractors and suppliers, involving a total of 170 companies.

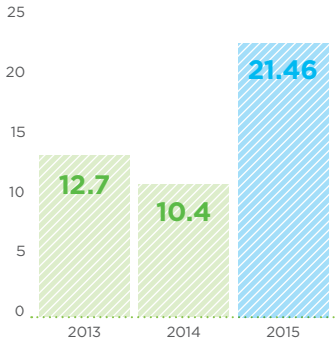


27%

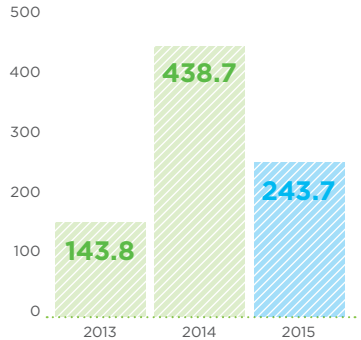
REN SERVICE PROVIDERS WITH IMPLEMENTED SAFETY MANAGEMENT SYSTEMS

INCIDENCE AND SEVERITY INDEXES

INCIDENCE INDEX - REN



SEVERITY INDEX - REN



One of REN's major concerns is ensuring safe and healthy working conditions, and so the company offers free clinical examinations and analyses as part of its occupational health service, as a way of providing its employees with preventive health care.

Completion of the mandatory medical examinations plan

- 390 supplementary diagnostic and nursing interventions
- 401 doctor visits
- Doctors visited several workplaces

	'13	'14	'15
ABSENTEEISM RATE	1.8%	2.6%	2.3%





INNOVATION, RESEARCH AND TECHNOLOGY



IMPROVING KNOWLEDGE
TAKES US FORWARD



Large companies reinvent themselves every day. We are always on the lookout in REN for new technologies that may help us achieve better results.

The investment in R&D activities by the companies Rede Eléctrica Nacional, S.A. and REN Gasodutos, S.A. totalled EUR 616,000 in 2015.

The value of this investment at the REN-State Grid, S.A., Energy Research Centre was EUR 818,000.

This investment is estimated to increase by 14% in 2016.

REN has continued to increase its presence in a number of international electricity and natural gas forums, helping define policy frameworks, participating in technical studies, and lobbying the various entities that promote their activities in such fora. This presence is one of the components for advancing the company's internationalisation strategy.



14%

INCREASED
INVESTMENT

International bodies with which REN has been involved:

- **CIGRÉ**
Conseil International de Grands Réseaux Électriques (International Council on Large Electric Systems)
- **EUROELECTRIC**
Union of Electricity Industry
- **ENTSO-G**
European Network of Transmission System Operators for Gas
- **ENTSO-E**
European Network of Transmission System Operators for Electricity
- **Council of Economic Cooperation (CEC), Gas Infrastructure Europe (GIE) and Florence School of Regulation (FSR)**
- **Friends of the Supergrid**
- **METSO**
Mediterranean Transmission System Operators
- **MEDGRID**
A consortium that promotes the electrical interconnections between north, south, east and west Mediterranean



STAKEHOLDER ENGAGEMENT AND SATISFACTION

SUPPORTING INITIATIVES
TAKES US FORWARD

Supporting those who most need it, improving the environment and encouraging national talent are some of REN's main priorities.



+43%

NUMBER
OF EMPLOYEES
ENGAGED IN
CORPORATE
VOLUNTEERING

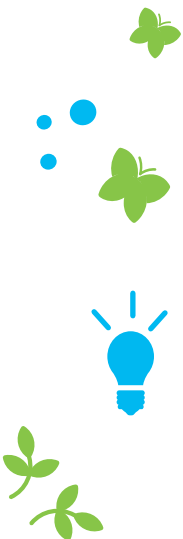
MAIN ACTIVITIES UNDERTAKEN

- The **NÓS Programme** organised 30 initiatives throughout 2015, in which 189 employees participated, in the three axes of the programme: Equilibrium, Equality and Inclusion.
- 2nd edition of **REN's Agir Award**, dedicated to the topic of active aging. 171 entries were received from all over the country, 30% more than in the first edition. First place was awarded to the Trupe Sénior project, in Lisbon, followed by the Idade XXL project, of Ribeira de Fráguas, and the Envelhecimento + Ativo project, of Famalicao.
- The **REN Award**, Portugal's oldest scientific award, which recognises the best master's theses in the energy field produced in Portuguese establishments of higher education, commemorated its 20th anniversary this year. In addition to the three main prizes awarded to students of Porto University's Faculty of Engineering (FEUP) and Beira Interior University, two honourable mentions were also given to students from ISEL and FEUP.
- The **Share Programme**, REN's corporate volunteering programme, is based on three main areas: education, environment and social support. The REN volunteers of this programme participated in initiatives such as the Day of Adapted Sports, cleaning up the Tapada de Mafra forest, the entrepreneurship programmes for young people of Junior Achievement Portugal (<http://www.japortugal.org>), or initiatives to combat school dropout promoted by EPIS (<http://www.epis.pt>). The number of employees who participated in the corporate volunteering activities increased by about 43% in 2015 (107 employees and 24 relatives). There was also a 62% increase in volunteering hours in relation to 2014 (589 hours for employees and 115 for relatives).
- **1st Oncology Mobile Home Support Unit**, a Gil Foundation and IPO (Portuguese Oncology Institute) project offering help for children in hospital with chronic illnesses and their families, ensuring clinical and social support on their return home and to school;
- Support to the **National Museum of Ancient Art**, in Lisbon, of which REN is a major sponsor, and Serralves Foundation, in Porto.
- Sponsorship of the **Portuguese Olympic Committee and the Portuguese Olympic Team**, under the preparation plan for the upcoming Olympic Games, to be held in 2016 in the Brazilian city of Rio de Janeiro.
- The **GestaoTransparente.org project**, in which REN participates as a founding member. This is a platform developed by ICCA (International Centre for Collective Action), in partnership with the UN Global Compact and the institutional partners of the Centre, in order to unite international efforts to fight corruption.

- Launch of the **Heroes of Every Species** educational project. This educational initiative is aimed at 3rd and 4th graders of the 1st education stage (children aged 8-10 years) all over the country. It aims to raise the awareness of communities to the protection of biodiversity, preserving the Portuguese forests and conserving animal and vegetable species threatened with or in danger of becoming extinct.
- **Partnership with LIFE Elia** for Southern Europe, under which REN will contribute to the sharing of best practices for the preservation of Mediterranean ecosystems owing to its experience of managing this type of vegetation. The agreement also intends to promote and implement the creation of green corridors in forests through which REN power lines cross.
- **Creation of a Chair in Biodiversity**, together with FCT (Science and Technology Foundation) and Porto University, based on three pillars: monitoring, minimizing and offsetting impacts; population ecology; and citizenship in science.

OTHER ACTIVITIES UNDERTAKEN

- **Próximo Presente Association.**
- **The MEDEA project.**
- APSA, Portuguese Asperger Syndrome Association – **"Casa Grande" project.** REN was the first professional integration partner.
- **Youth Symphony Orchestra (OSJ).**
- **UMAD Project** – Mobile Home Support Unit, of the Gil Foundation.
- **Adapted Sports Space project** of the Salvador Association.
- **Portuguese Olympic Committee and Portuguese Paralympic Committee.**
- **Vale Grande Association.**
- **Zero Waste Movement** of the Dar Association.
- **Special Education Programme of Colégio de S. Tomás School.**
- **BUS association and the Vermoim/Sobreiro Community Centre.**
- **10 all terrain vehicles** were donated to local councils to be used by the forest fire fighters.
- **Partnership with Quercus** under which REN employees planted 2,500 trees.
- **WEBCegonhas Project.**
- REN **planted 28,661 trees** as part of the Mangualde-Celorico-Guarda pipeline construction project.



- The number of members of the **REN Running Club** increased by 75 to 77 members in 2015.
- Partnerships with three **surf schools** in Sines.
- **Supporting the practice of sports** by employees, including mountain biking, triathlon, running, kayaking, surfing, futsal, karting.
- Support to the Organisation of the **1st Lynx Trail**.
- **Colégio de S. Tomás School Run**.



2,500

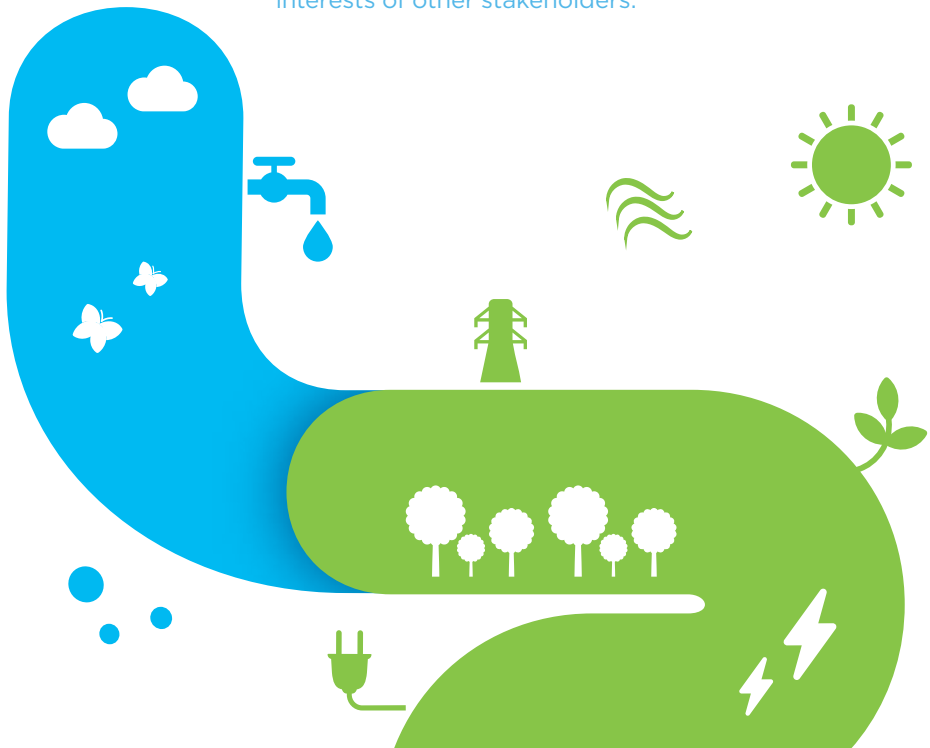
TREES PLANTED
IN PARTNERSHIP
WITH QUERCUS

RELATIONSHIP WITH PROPERTY OWNERS

We contacted in 2015 about 14,500 landowners over whose land our electricity and natural gas grids pass.

We also acquired 20 properties for the installation of other electricity and natural gas infrastructure. The REN database of landowners, including the new landowners deriving from the new infrastructure built, contained around 72,000 records at the end of 2015.

REN always seeks to reconcile the installation and operation of its infrastructures with the legitimate interests of other stakeholders.





ENVIRONMENTAL PROTECTION



BEING RATIONAL
TAKES US FORWARD

Growing, in REN, is to be one step ahead of needs.
An increasingly sustainable path to protect
the future generations.

ENVIRONMENTAL IMPACT

	'13	'14	'15
ENVIRONMENTAL IMPACT ASSESSMENT PROCESSES	12	4	2
ENVIRONMENTAL IMPACT POST-ASSESSMENT PROCESSES	1	2	0
ENVIRONMENTAL IMPACT STATEMENTS ISSUED	8	3	4
ENVIRONMENTAL STUDIES FOR PROJECTS	3	0	0
ENVIRONMENTAL IMPACT STUDIES	7	0	5
ENVIRONMENTAL COMPLIANCE REPORT FOR CONSTRUCTION DESIGN (RECAPE)	1	2	1

PROJECT ASSESSMENT



STRATEGIC ENVIRONMENTAL ASSESSMENT

The Strategic Environmental Assessment is an environmental policy instrument (Decree-law 232/2007, 15 June, amended by Decree-law 58/2011, 4 May) that seeks to ensure the evaluation of the environmental consequences of certain plans and programmes and their early implementation.

During grid operation and maintenance a number of monitoring and supervisory activities are undertaken to ensure compliance with set targets and goals, both by REN and under the Environmental Impact Statement.

REN carried out a differential environmental analysis compared with the previous Strategic Environmental Assessment (SEA) of the PDIRT proposal for Electricity and PDIRGN proposal for Gas. The proposed methodology was positively received by the various stakeholders.

FLORA AND LAND USE

REN's construction and maintenance activities have a direct impact on flora and land use.



PLANTED TREES

Stone Pine:
25,000 trees

Oak:
24,000 trees

Cork:
5,000 trees

Chestnut Tree:
1,900 trees

Strawberry Tree:
1,650 trees

These impacts can be seen in the creation and maintenance of the protective strips associated with its infrastructure routes (power lines and natural gas pipelines). In order to offset this, REN has been involved since 2007 in several tree planting projects when constructing new facilities. This project was extended in 2013 to include all operating lines.

Over the last few years, and as part of its easement lanes reforestation programme, REN has planted around half a million trees on more than 835 hectares.

In 2015, a total of 77,000 trees were planted on roughly 205 hectares. Work was also carried out on around 3,200 hectares of area of our easement lanes, during 2015, especially when these are located in forested areas. Much of this work is done under the National Forest Fire Defence System.

BIRDLIFE

REN has been developing a programme to monitor the population of storks nesting on its equipment for over ten years, creating the conditions to enable this bird to nest in favourable habitats and installing devices to minimise the risk of electrocution.

The installation of fans and platforms helps prevent nests being built in more dangerous locations, that is, those where there is a greater chance of an incident, and ensures that the rise in the number of nests does not translate into more incidents.

In 2015, there was an appreciable reduction in the number of incidents involving storks compared to 2014.

	'13	'14	'15
NUMBER OF NESTING PLATFORMS INSTALLED	97	178	349
NUMBER OF ANTI-PERCHING DEVICES INSTALLED	649	600	642
NUMBER OF NESTS MOVED	51	250	221

CLIMATE CHANGE EMISSIONS MANAGEMENT

According to the Carbon Disclosure Project Iberia 125 Climate Change Report 2015, REN is one of the best companies at publishing information on its climate change related policies and activities.

For the seventh consecutive year, REN was invited to take part in the Carbon Disclosure Project annual questionnaire. The company received a score of 93 points in the assessment of the level of information published and adherence to the rules of the reporting guide. The company also obtained a level D classification in the assessment of its performance in combating climate change.

The number of video conferences increased in 2015. All employees continued to use a corporate collaboration app that enables instant messaging and video calls. This app is an important tool to help reduce the company's carbon footprint.

In the field of prevention and control of greenhouse gas emissions, REN has implemented in recent years a plan of action for reducing its direct emissions, particularly in respect of the emissions of sulphur hexafluoride (SF₆), a gas used as an electrical insulator (dielectric) in a lot of high and very-high voltage equipment. Despite the increase in the amounts used, the leakage rate remained stable in 2015. The company's efforts at reducing SF₆ leakage can be seen in the development of the leakage rate of this gas, with results that are technically considered to be very positive, internationally.



GREENHOUSE GAS EMISSIONS (TCO ₂ EQ)	'13	'14	'15
SCOPE 1	20,249	25,849	19,905
NATURAL GAS PURGES (CH ₄)	1,275	4,296	626
FLARE BURN	4,243	6,393	2,277
OWN CONSUMPTION BY BOILERS	12,305	12,269	13,213
SULPHUR HEXAFLUORIDE (SF ₆)	468	460	1,152
NATURAL GAS (BUILDINGS)	483	530	511
PROPANE GAS (BUILDINGS)	11	11	8
DIESEL FOR EQUIPMENT AND VEHICLE FLEET	1,464	1,890	2,118
SCOPE 2	132,832	118,742	135,256
ELECTRICITY	11,162	9,149	11,326
ELECTRICITY LOSSES IN THE GRID	121,165	108,906	123,930
SCOPE 3	505	687	662
AIR TRAVEL	505	687	662

