





THIS REPORT

This report presents an overview of the most relevant activities undertaken by the EDP Group and the main consolidated indicators in 2017 regarding occupational health and safety.

This report complements the information on the main consolidated indicators in the EDP 2017 Annual Report and the EDP 2017 Sustainability Report according to the Global Reporting Initiative standards – [EU 17, EU18, EU 25, GRI 403-1; GRI 403-2; GRI 403-3 and GRI 403-4].



We are energy in the journey we make every day. Energy that changes, reinvents itself and takes different forms.

Energy that lives within us, that is a universal language, that moves us and takes us further.

A living energy that brings us closer, that innovates and with which, together with small actions, we create change. The energy that lives within every one of us is contagious and is everywhere, in a hug, in the lighting of a lamp, in our houses, in the streets or even across them in the sidewalks.

A living energy that together we continue to write in a book that reveals the present and which is also a building block for the future.

The Living Energy Book.





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SAFETY IN NUMBERS

<u>01</u> GROUP

EMPLOYEES + SERVICE PROVIDERS

128	Accidents*
2.03	Fr
131	Sr
4	fatal accidents
2,279	near-misses reported
154,497	volume of OH&S training (hours)
86	OHSAS certification 18001 - installed capacity (%)
36	OHSAS certification 18001 - employees covered (%)

02 PORTUGAL

EMPLOYEES

SERVICE PROVIDERS

22	accidents	41	accidents
2.11	Fr	2.49	Fr
173	Sr	223	Sr
15,504	volume of OH&S training (hours)	4,176	volume of OH&S training (hours)
77	employees represented in OH&S committees (%)		

0<u>3</u> Spain

EMPLOYEES

SERVICE PROVIDERS

2	accidents	28	accidents
0.69	Fr	5.36	Fr
23	Sr	182	Sr
8,849	volume of OH&S training (hours)	395	volume of OH&S training (hours)
52	employees represented in OH&S committees (%)		

* Accidents occurring at the place and time of work or commuting, with 1 or more days of absence and mortalities, in the reference period





EMPLOYEES<

SERVICE PROVIDERS

3	accidents	28	accidents
0.46	Fr	1.66	Fr
104	Sr	48	Sr
4,792	volume of OH&S training (hours)	4	fatal accidents
100	employees represented in OH&S committees (%)	107,340	volume of OH&S training (hours)

05 NORTH AMERICA

EMPLOYEES

SERVICE PROVIDERS

1	accidents	1	accidents
1.09	Fr	0.37	Fr
24	Sr	29	Sr
4,476	volume of OH&S training (hours)	7,226	volume of OH&S training (hours)
7	employees represented in OH&S committees (%))	

<u>06</u> REST OF EUROPE

EMPLOYEES

SERVICE PROVIDERS

0	accidents	2	accidents
0.0	Fr	3.07	Fr
0	Sr	292	Sr
1,680	volume of OH&S training (hours)	58	volume of OH&S training (hours)
29	employees represented in OH&S committees		



OCCUPATIONAL HEALTH AND SAFETY POLICY

The occupational health and safety (OH&S) of all those who contribute to the pursuit of EDP Group's activities, employees and service providers, contractors or subcontractors, is deemed a key value and a priority for our success as a business Group.

It is a management commitment to pursue and build on a positive safety culture, in which every employee, service provider and supplier is engaged, and to promote it among the communities and all those who could be affected by the normal conduct of our activities.

Safety is an integral part of the service and product quality of the companies within the EDP Group.

THE EDP COMMITMENT

The corporate management of the EDP Group is determined to constantly strengthen the culture of occupational health and safety, by developing awareness, deepening willingness and making available the resources required for:

- Ensuring a healthy and safe working environment, by guaranteeing compliance with legislation as the minimum acceptable level;
- Promoting the training and information of employees on activity-related risks, raising their awareness to the need to comply with safety standards;
- Protecting facilities and equipment by adopting the best techniques, combined with monitoring and updating of operating procedures in order to eliminate or minimize risks to employees, service providers and all third parties who might come into contact with the EDP group's infrastructures.

The efficacy of the safety policy and the continuous improvement of the Group in the area of health and safety at work must be achieved with the involvement of all management levels and the support and contribution of all employees, service providers, suppliers and stakeholders. To this end, EDP requires all of its service providers to adopt practices in line with the principles of this policy.

This Occupational Health and Safety policy and the approved principles apply to all EDP Group companies.

GUIDELINES FOR OCCUPATIONAL HEALTH AND SAFETY PRACTICE WITHIN THE EDP GROUP

1. Safety - understood as health and safety at work - is an integral part of the activity of the EDP Group companies and is reflected in every decision related to design, construction, operation, HR management, procurement, customer relations, supplier relations and the public at large.

2. Safety is an attitude and willingness that is inherent in everyone's activity and expressed at all times out of respect for and compliance with the applicable legal requirements, standards, rules and procedures, and the initiative and contribution to its improvement.

3. Safety is a building block in line management, with line managers being responsible for enforcing regulations, undertaking a visible, permanent personal commitment, promoting training and information for their employees and controlling the working environment.

4. At all times and under any circumstances, each Company undertakes its activities aiming at "zero accidents" through the continuous improvement of safety management and performance, defining concrete goals for progress.

5. Safety at work should be achieved through the systematic analysis of risks, involving the workers and their representatives, as well as service providers, as applicable, so as to identify and address, in the preparation of the work, all risk situations that should converge to achieve acceptable levels of risk. If a job cannot be performed safely, it must not be carried out or must be suspended.

6. The systematic investigation and analysis of incidents - accidents and near-misses - and identification of lessons learned are essential conditions for continuously improving the prevention of accidents at work and occupational illnesses.

7. No action shall be taken against any employee who expresses concern about an occupational health and safety matter or is involved in a near-accident, unless s/he has consciously and intentionally carried out an illegal action or ignored a safety rule or procedure.

8. Safety procedures must be kept up-to-date at all times in accordance with existing risks and the applicable local regulations.

No situation or urgent service can justify endangering a person's life!

01. OH&S ORGANISATION

Health and Safety at Work Policy within the EDP Group demonstrates its commitment to a model of Health and Safety Work Management based on continuous improvement and the conviction that working in a safe, healthy environment is instrumental for employee satisfaction and provides added value for successful results. The continuous improvement of the EDP Group's performance in the area of health and safety at work must be achieved with the involvement of all management levels and the support and contribution of all.

The responsibility for the prevention and control of labour risks lies with the top managers of the business management units and is part of the hierarchical chain.

Strategic coordination actions are ensured by a corporate structure (Sustainability Department - Prevention and Safety area) that supports the Executive Board of Directors and the Prevention and Safety Committee in defining strategic objectives and assessing results. In turn, OH&S services in every Business Unit adopt the initiatives proposed and agreed locally.

With regard to occupational health, the internal medicine at work department is responsible for monitoring workers' health through medical exams, by promoting health and by checking conditions in the workplace and of first-aid equipment.



1.1 OH&S MANAGEMENT SYSTEMS

EDP'S CORPORATE SAFETY MANAGEMENT SYSTEM

To better manage the strategic objectives of its Health and Safety Work Policy, EDP has adopted a Corporate Safety Management System (CSMS) which follows the ILO-OHS 2001 recommendation of the International Labour Organisation, and the model provided by reference standard OHSAS 18,001:2007, reinforcing the principle that Health and Safety Work issues are managed according to common, transversal criteria within EDP Group companies.

Locally, each Business Unit adopts the Corporate Management System directly or uses it as a reference to develop its own safety management system, specific to or integrated into environment and/or quality, aspects, depending on its activity.



SAFETY CERTIFICATIONS

In 2017, the EDP Group had a total of 4,382 employees covered by OHSAS 18001:2007 certifications, a year on year increase of 6%, distributed as shown in the table below:

GEOGRAPHY	EMPLOYEES COVERED (#)	EMPLOYEES COVERED (%)
Portugal	1,129	17%
Spain	1,698	100%
Brazil	1,206	37%
NORTH AMERICA	220	43%
Rest of Europe	129	79%
EDP Group	4,382	36%

The certification covers 86% of installed net power in production activities (Portugal 10,071MW, Spain 5,518MW, France/Belgium 458MW, Italy 144MW, Poland 418MW, Romania 521MW, Brazil 1718MW, and North America 3,934MW).

Objective 2018

Maintenance of OHSAS 18.001 certification of the CSMS and, depending on the companies, maintaining or obtaining certification of their own systems;

1.2 OCCUPATIONAL RISK MANAGEMENT

The EDP Group has established and implemented processes for the identification of hazards, risk and opportunities assessment and for OH&S, according to the nature of the different activities carried out at EDP, legal requirements and other requirements, all stakeholders and best practices.

These proactive and continuous processes include the analysis of routine and occasional activities and of all persons who have access to the workplace (service providers and visitors) or who may be affected by EDP activities, the identification of new potential emergency hazards and situations, as well as the knowledge of past incidents, internal or external to EDP.

1.2.1 EMERGING RISKS

Significant changes in the world of work over the last decades have resulted in emerging occupational health and safety risks, with a focus on so-called psychosocial risks - such as stress, violence, harassment and intimidation - associated with problems in the workplace.

Between 2011 and 2014, a study was undertaken in Portugal on the evaluation of psychosocial risk factors, carried out in three six-month deferred phases involving a sample of approximately 6,000 workers representative of the various functional areas and working conditions.

As a result of this study, companies adopted the following recommendations:

- Promote actions/initiatives that reinforce the autonomy of employees (training, updating of knowledge, etc.) that must be applied regularly and according to the requirements of the role;
- Promote initiatives/actions to provide employees with resources to cope with situations of psychological tension that generate occupational stress;
- Promote training/information for people on workplace ergonomics to prevent musculoskeletal disorders;
- Strengthen support arrangements for employees with dependents in order to minimize the tension with family support; for example, by adjusting working hours and making them compatible.

An update of the study of psychosocial factors in the Group is planned for 2018.

<u>02 MOST SIGNIFICANT ASPECTS AND ACTIVITIES</u> <u>UNDERTAKEN IN 2017</u>

The implementation of EDP's annual occupational health and safety programme was based on a set of actions aimed at preventing occupational accidents, as measured by a reduction in the frequency rates and the seriousness of accidents and occupational illnesses, and included training for EDP employees and service providers, the ongoing evaluation and control of labour risks and the implementation of an internal and external inspection and audit programme of EDP facilities and works.

The Safety at Work Actions Operating Plan (SWAOP) sets forth the commitments and initiatives undertaken by the Business Units (BU) for implementation of the 4 priority areas in matters of Prevention and Safety approved for 2017/18:

- 1. Review / enhance management commitments;
- 2. Reduce the likelihood of serious accidents by analysing dangerous situations and near-accidents;
- 3. Reinforce preventive management of the procurement chain;
- 4. More rigorous work inspections with evaluation, performed by the Company or contracted teams.

These priorities were established at Group level, by considering recent results and trends in the main KPIs for occupational health and safety, including, in particular, inputs from accident analyses and internal and external audits of safety management and works carried out for EDP.

This action plan was monitored quarterly by senior management. Regarding the results, the degree of implementation was in line with expectations and no constraints were recorded. The following aspects were noted:

- Positive trend in key indicators at Group level.
- A strong increase in the number of reports of near-misses/dangerous situations compared to 2016.

As activities to be developed for 2018 in the EDP Group with a view to reinforcing safety culture, the actions associated with behaviours are highlighted, as well as actions to encourage and facilitate the preventive management of service providers, the proposal to create performance indicators associated with the results of safety at work and the prevention and control of psychosocial risk factors.

2020 OBJECTIVES

Systematic reduction in accident rates

achieve a frequency rate ≤ 2 accidents per million hours worked, in line with Best Practice in Colleagues (DJSI)

Promote the integration of safety in business management

achieve 100% OH&S certification (OHSAS 18.001, or substitute standard) in Group companies with activities considered to be critical to safety, either due to the risk inherent to the activity, or by the number of employees, or because they provide essential services to other companies in the Group;

Reinforce preventive management of the supply chain

achieve 100% OH&S certification of suppliers with impact (considered critical given the safety risks inherent in the services they provide to EDP).

2.1 EMPLOYEES AND SERVICE PROVIDERS TRAINING

[EU18]

One of the commitments laid down in EDP's Safety Policy and Code of Ethics is a concern with providing suitable conditions for the sustainable development of its employees and service providers in matters of occupational safety.

For EDP employees, identification of training needs is carried out at the start of the activity or a new role and during employee performance evaluations.

This identification is undertaken by agreement between the employee and their line manager and takes into account the prevention of risks that may arise from:

154,497 training hours covering 32,937

employees and SPs

- Work activity;
- Change in employee's job;
- New workplace,
- New working equipment and/or changes to equipment;
- Use of new technologies, materials and/or products.

On admission, an employee's line manager ensures that they are informed and made aware of:

- The EDP Group's Safety Policy and its application in the workplace;
- Associated work risks and operational means of control, including individual and collective protection;
- Workplace emergency and evacuation plan;
- The training actions required for them to perform their job.

Contractors and subcontractors are obliged to respect the conditions set out in the specifications for occupational health and safety with regard to the training and qualification of their employees, so EDP considers that all employees of its service providers have received the training required to comply with their tasks in a safe manner.

In addition to the training delivered by their employers, the employees of service providers undertake jointly with EDP employees complementary actions on safe behaviour and specific risk prevention in certain activities or facilities.

In 2017, training delivery on Health and Safety at Work for EDP employees relied on an extensive programme comprising:

GEOGRAPHY	NO. OF COURSES	EMPLOYEES INVOLVED	HOURS OF TRAINING	HOURS OF TRAINING / EMPLOYEES
Portugal	266	7,022	15,504	2.20
Spain	510	2367	8,849	3.74
Brazil	10	654	4,792	733
NORTH AMERICA	135	1,216	4,476	3.68
Rest of Europe	55	200	1,680	8.40
EDP Group	976	11,459	35,302	3.08

Note: The values shown in the table above only include training/awareness actions that were entered into the system by EDP University.

With regard to service provider training and awareness raising provided to service provider employees, 16,656 actions related to Health and Safety at Work were delivered, involving 12,478 employees, totalling 119,195 hours, as detailed in the table below.

GEOGRAPHY	NO. OF COURSES	EMPLOYEES INVOLVED (PARTICIPATIONS)	HOURS OF TRAINING	HOURS OF TRAINING / EMPLOYEES
Portugal	1,062	4,637	4176	0.90
Spain	318	190	395	2.08
Brazil	14,056	7,265	107,340	14.77
NORTH AMERICA	1,200	0	7226	N.A
Rest of Europe	20	386	58	0.15
EDP Group	16,656	12,478	119,195	9.55

2.2 EMERGENCY PREPAREDNESS AND RESPONSE

In management of emergency situations, 484 drills were carried out across the EDP Group (127 in Portugal, 89 in Spain, 66 in Brazil, 112 in the USA and 90 in other geographies), covering various industrial facilities and ongoing works, whose aim was to test the effectiveness of the respective emergency plans.

These drills involved external agencies, such as civil protection, firefighters and police and public security forces.

In addition to the above training, 157 training actions on first aid were delivered to EDP employees and SPs, involving:

GEOGRAPHY	NO. OF COURSES	EMPLOYEES INVOLVED ATTENDANCES
Portugal	11	94
Spain	45	240
Brazil	92	601
NORTH AMERICA	0	0
Rest of Europe	9	42
EDP Group	157	977

2.3 PARTICIPATION AND CONSULTATION

[GRI 403-1, GRI 403-4]

2.3.1 EMPLOYEES REPRESENTATION

Depending on each country's legislation, the EDP Group companies include the participation and consultation of employees in their safety management system.

The representation of workers in matters of Health and Safety at Work is ensured by Workers' Committees and Subcommittees at each business unit. Accordingly, the Joint Committees and Subcommittees, which meet at a frequency decided by them, collect information from employees at various operational levels in matters of occupational health and safety.

The consultation and employee participation processes in occupational health and safety use primarily the channel provided by these representatives and the safety committees and subcommittees.

The following table shows the representation and intervention of workers Representatives in the EDP Group:

GEOGRAPHY	NUMBER OF ELECTED REPRESENTATIVES	% OF WORKERS REPRESENTED	No. of meetings held
Portugal	69	77%	43
Spain	8	52%	46
Brazil	56	100%	188
NORTH AMERICA	-	7%	40
Rest of Europe	5	29%	15
EDP Group	138	77%	332

2.3.2 OH&S TOPICS COVERED IN FORMAL AGREEMENTS WITH TRADE UNIONS

Depending on each country's legislation and the existence of collective bargaining agreements, these, where they exist, cover in principle all employees with regard to occupational health and safety clauses.

Accordingly, in Portugal and Spain, EDP has established agreements in the field of occupational health and safety with trade union structures, covering 100% of employees and the following areas:

- Obligations of employees and companies;
- Representativeness of workers for occupational health and safety;
- Responsibilities of prevention and safety services;
- Safety standards and equipment;
- Industrial hygiene;
- Training, information and awareness-raising on occupational health and safety;
- Occupational Health and Safety indicators;
- Risk factors for employees.

2.4 OH&S MANAGEMENT THROUGH THE SUPLLY CHAIN

The management of sustainability in the relationship with its suppliers is a strategic vector in the activity of the EDP Group. The management process privileges the construction of a relationship of trust with suppliers, based on a partnership perspective based on principles of ethics, transparency and sustainability. Priorities of sustainability in management are defined through the "Sustainable Procurement Policy" and the "EDP Supplier Code of Conduct".

The performance of our Service Providers (SPs) is considered a key to the success of the EDP Group. We believe that a relationship based on trust, co-operation and value creation shared with our ESP results in the joint ability to innovate and enhance Corporate Social Responsibility policies, while improving the quality of the service provided to our clients.

EDP segments the minimum sustainability requirements specific to each contract by using criticality criteria. Each contracted activity is typified in relation to the supplier's access to EDP customers, EDP's technical equipment/workplaces, sensitive data, exposure to Health and Safety risks, Environmental risks and Ethical, Employment and Human Rights risks.

Regardless of the type and size of the work or task to be performed, at every stage of procurement outsourcing always involves a strict quality control of the service rendered, in which occupational health and safety (OH&S) are embedded as a decisive factor. In this area, EDP has the following mechanisms to regulate the activity of its SPs with regard to OH&S:

• During the registration and selection processes of suppliers, information is requested from companies for the review and evaluation of the most relevant OH&S aspects;

- In procurement processes, binding documentation is included related to the occupational safety obligations of ESPs, including organisational, technical and training matters;
- During the performance of the works, the OH&S performance of SPs is monitored, using various methodologies, including audits that help evaluate their level of safety in place and check compliance with applicable legal requirements;
- Depending on the nature and duration of the works, the evaluation of the OH&S performance of SPs is undertaken at different times. This evaluation is based on criteria ranging from a review of documents and the prevention methods used to the accident rates achieved during the supply period.

In 2017, 485 Suppliers (Companies) and 1,820 purchase orders were formally evaluated (in terms of safety) at EDP Portugal through the Supplier Evaluation System.

Objective 2018

Implementation of a document management platform for occupational health and safety requirements for suppliers.

2.5 SAFETY AUDITS

The EDP Group annually undertakes, by agreement with the various business units, a broad programme of occupational health and safety audits covering construction, maintenance or demolition of production buildings or infrastructures, distribution of electricity or gas and operational activities of energy marketing and services, including EDP employees and service providers.

Depending on their nature and reach, these audits may take the form of management system audits, technical audits or inspection. In addition to these, the EDP Group is subject annually to a substantial number of external audits connected with the certification of its safety management systems and the inspection activity of external entities, such as insurers or government agencies.

41,339 safety audits

THE TABLE BELOW SUMMARISES THE AUDITS PERFORMED IN 2017:

GEOGRAPHY	No. of audits conducted by external entities	No. of internal audits	No. of internal audits conducted on SPs	No. of SP audited
Portugal	21	3,124	19,299	415
Spain	7	6	5909	315
Brazil	7	16	11,664	218
NORTH AMERICA	3	48	1,930	0
Rest of Europe	4	4	272	27
EDP Group	42	3,198	38,099	975

2.6 ELECTROMAGNETIC FIELDS

Exposure to electromagnetic fields is a subject that EDP has been monitoring since the first studies undertaken and concerns announced by the International Commission on Non-Ionizing Radiation Protection) regarding their possible effects on people's health.

With the transposition into Portuguese and Spanish law of Directive 2013/35/EU of 26 June 2013, stipulating minimum requirements for the protection of workers against risks to health and safety and who may be subject to exposure to electromagnetic fields during work, a Working Group has been set up in which companies from the various fields affected by the issue participate.

The objective is to examine this theme in all aspects and to meet the prescriptions defined to protect people's health, taking advantage of EDP Group synergies.

2.7 PERSONAL ROTECTIVE EQUIPMENT

2.7.1 MECHANICAL PROTECTIVE FOOTWEAR

In 2017, the competition for footwear for mechanical protection was carried out jointly by EDP/DSA-PS and EDP Valor/UPG with the objective of creating a framework agreement for the supply of mechanical protection footwear for EDP Group companies in Portugal. EDP provided the technical definition for the models most appropriate to the activities undertaken by the business units. The technical specifications defined for mechanical protection footwear took into account the work and activities carried out by EDP workers and are included in the protective equipment and materials catalogue technical data sheets of the Corporate Safety Management System which are available on the intranet.

Two showrooms were held in Porto and another in Lisbon to display the models sent by the suppliers. The models that went to the field testing stage were selected with the participation of workers and workers' representatives.

2.7.2 WORKWEAR

In 2017, together with EDP/DSA-PS, EDP Spain/PRL and EDP Valor/UPG, the specifications for the work clothing tender process were drawn up with the objective of creating a Framework Agreement for EDP Group companies in Europe.

Objective 2018

Award of the new Framework Agreement on Mechanical Footwear;

Organising the workwear showroom in Portugal and Spain;

Award of the new workwear Framework Agreement.

2.8 COMMUNITY ACTIVITIES

In partnership with fire brigades, training and secondary schools, business associations and trade unions, the EDP Group hosted a total of 1,306 intervention actions (meetings, visits and participation in the final exchanges of Bernardino Machado and INTEP schools as part of the Energy Sharing project, plus participation in anniversaries and activities of local groups).

Note, too, that Wind Farms, Power Generation Plants and EDP substations and distribution network transformer stations are considerably sought after by schools and recreational associations for study visits. These visits are always preceded by an awareness-raising and briefing session on the generation and distribution of electrical power and the precautions to adopt in the vicinity of electrical infrastructure.

2.9 WORKERS' HEALTH PROMOTION

[GRI 403-3; 403-2]

2.9.1 OCCUPATIONAL MEDICINE ACTIVITIES

In accordance with the legislation of each country, EDP Group companies comply with the occupational health monitoring requirements in order to promote and safeguard the health and well-being of its employees. The different health monitoring programmes guarantee the commitment made towards the prevention of occupational illnesses, through fulfilment of the medical examinations plan, workplace inspections, participation in the Health and Safety at Work and Internal Accident Prevention Committees, and in the implementation of a range of preventive campaigns.



In its contractual conditions, EDP requires that its whole service provider chain complies with the legal requirements in place in each country related to the framework and obligations of occupational health monitoring of their employees, therefore believing that every worker is appropriately monitored.

During 2017, the EDP Group carried out 10,400 medical examinations, 470 consultations with employees on nutrition and smoking cessation schemes, 2,153 cardiovascular screenings and 2,896 vaccination programmes for influenza, hepatitis B and yellow fever, covering 2,998 employees.

The EDP Group monitors and follows up the occurrence of occupational diseases. In 2017, 2 cases of occupational sickness without incapacity were registered, in Portugal.

However, in general terms, the EDP Group believes that in the undertaking of its activities and the proper implementation of existing control measures, workers are not exposed to occupational or work-related diseases, which can be considered high incidence or high risk.



03 OH&S SUMMARY NUMBERS

[EU17; EU25; GRI 403-2]

The main health and safety indicators in the workplace reflect the results of actions and initiatives carried out throughout the year in order to reinforce the improvement of safety conditions at work, in particular in the areas of training and awareness raising, risk assessment and control, preventive action for ESP workers and increase the audits and inspections programme.



ACCIDENTS AT WORK AND ACCIDENT RATES - SUMMARY TABLE 2017

	EDP GROUP	PORTUGAL	SPAIN	BRAZIL	NORTH AMERICA	REST OF EUROPE
EDP EMPLOYEES						
Accidents at work (1)	28	22	2	3	1	0
Fatal accidents	0	0	0	0	0	0
Total lost days due during the period ⁽²⁾	2,574	1,801	66	685	22	0
Frequency rate (Fr) (3)	1.33	2.11	0.68	0.46	1.09	0.0
Incidence rate (Ir) ⁽⁴⁾	2.31	3.40	1.18	0.92	1.96	0.0
Severity rate (Sr) (5)	122	173	23	104	24	0
Occupational diseases	2	2	0	0	0	0
Occupational sickness rate (with incapacity)	0	0	0	0	0	0
SERVICE PROVIDERS						
Accidents at work	96	41	28	24	1	2
Fatal accidents	4	0	0	4	0	0
Total lost days due during the period	5,702	3,669	949	816	78	190
Frequency rate (Fr)	2.38	2.49	5.36	1.66	0.37	3.07
Incidence rates (Ir)	4.71	4.92	10.59	3.28	0.73	6.07
Severity rate (Sr)	136	223	182	48	29	292
Total days worked	5,592,634	2,197,153	696,676	2,250,505	361,521	86,779
EDP EMPLOYEES + SPs						
Accidents at work	124	63	30	27	2	2
Fatal accidents	4	0	0	4	0	0
Total lost days due during the period	8,276	5,470	1,015	1,501	100	190
Frequency rate (Fr)	2.03	2.34	3.69	1.32	0.55	2.10
Incidence rates (Ir)	3.84	4.25	6.91	2.62	1.06	4.06
Severity rate (Sr)	131	203	125	64	28	199
NEAR-MISSES SITUATINS	2,279	92	60	1,841	268	18
FATAL ELECTRICAL ACCIDENTS INVOLVING THIRD PARTIES	10	1	0	9	0	0

(1) Accidents occurring in the workplace during working hours or commuting, with more than one day's absence (includes fatal accidents).
(2) Sum of number of (calendar) days' absence resulting from accidents at work during the period plus number of days lost due to accidents in the previous period which extended into the period in question. The lost time is measured from the day following the day of the accident, until the day before the return to work. ⁽³⁾ Number of work accidents in service, with absence / fatality, per million hours worked, in the period in question.

⁽⁴⁾ Number of work accidents in service, with absence / fatality, per thousand employees, in the period in question.
⁽⁵⁾ Number of (calendar) days lost due to work accident, per million hours worked, in the period in question.

3.1 EDP GROUP

3.1.1 EDP GROUP: EDP EMPLOYEES

ACCIDENTS AT WORK AND ACCIDENT RATES - SUMMARY TABLE

CHANGE IN THE MAIL INDICATORS BY GEOGRAPHICAL ARE		ACCIDENTS	ACCIDENTS WHILST COMMUTING	Fr	Ir	Sr	TSR	DAYS' LOST
	2017	28	35	1.33	2.31	122	409	2,574
EDP Group	2016	30	23	1.38	2.42	92	95	2,003
	Δ	-7%	52%	-4%	-5%	33%	>100%	29%
	2017	22	21	2.11	3.40	173	177	1,801
Portugal	2016	23	13	207	3.41	155	162	1,723
	Δ	-4%	62%	2%	0%	12%	9%	5%
	2017	2	5	0.69	1.18	23	23	66
Spain	2016	3	2	0.94	1.59	28	28	90
	Δ	-33	>100%	-27%	26%	18%	18%	27%
	2017	3	8	0.46	0.92	104	1,019	685
Brazil	2016	3	8	0.46	0.92	28	28	180
	Δ	-	>100%	-	-	>100%	>100%	>100%
	2017	1	0	1.09	1.96	24	24	22
North America (Canada, USA, Mexico)	2016	0	0	0.0	0.0	0	0	0
(Canada, USA, MEXICO)	Δ	>100%	-	>100%	>100%	>100%	>100%	>100%
Rest of Europe	2017	0	1	0.0	0.0	0	0	0
(Romania, Italy, UK, Poland, France and	2016	1	0	3.22	5.90	32	32	10
Belgium)	Δ	<100%	<100%	<100%	<100%	<100%	<100%	<100%

ACCIDENT RATES - GRAPHICS



ACCIDENT TYPE



- Electrics 5%
- High level falls 5%
- Lower level falls 36% Contact with hot or cold surfaces 1%
- Contact/exposition to toxic substances 0%
- Entrapment 20%
- Interaction with objects 20%
 Road accidents 15%
- Incorrect movements / Overstress 0%
- Fire/ Explosions 0%
- Others 5%



- Contusion, wound 22% Contusion and internal injuries 12% Open wound 7% Amputation 0%
- Amputation 0%
 Exposed fracture 0%
 Closed fracture 13%
 Dislocation, displacement 8%
 Sprain, ligament rupture 16%
 Asphyxiation, gas inhalation, drowing 0%
 Intoxication 0%
 Chemical Burning 1%
 Radiation effects 5%
 Eletric discharge 2%
 Others 14%

3.1.2 EDP GROUP: CONTRACTORS

ACCIDENTS AT WORK AND ACCIDENT RATES - SUMMARY TABLE

CHANGE IN THE MAIN BY GEOGRAPHICAL AF		ACCIDENTS	Fr	Ir	Sr	TSR	DAYS' LOST
	2017	96+4F	2.38	4.71	136	714	5,702
EDP Group	2016	155+3F	3.83	7.57	217	658	8,992
	Δ	-37%	-38%	-38%	-37%	9%	-37%
	2017	41	2.49	4.92	223	223	3,669
Portugal	2016	107+3F	5.52	10.92	350	350	6,970
	Δ	-63%	-55%	-55%	-36%	-36%	-47%
	2017	28	5.36	10.59	182	182	949
Spain	2016	21	4.41	8.72	195	195	930
	Δ	33%	22%	21%	-7%	-7%	2%
	2017	24+4F	1.66	3.28	48	48	816
Brazil	2016	14	1.07	2.11	27	27	361
	Δ	100%	55%	55%	78%	78%	>100%
	2017	1	0.37	0.73	29	29	78
North America (Canada, USA, Mexico)	2016	12	421	8.33	107	107	304
(Callada, USA, Mexico)	Δ	-92%	-91%	-91%	-73%	-73%	-74%
Rest of Europe	2017	2	3.07	6.07	292	292	190
(Romania, Italy, UK,	2016	1	1.84	3.64	684	684	371
Poland, France and Belgium) F - Fatal	Δ	100%	67%	67%	-57%	-57%	-49%

F - Fatal

ACCIDENT RATES - GRAPHICS



ACCIDENT TYPE



- High level falls 7%
 Lower level falls 8%
- Contact with hot or cold surfaces 3%
 - Contact/exposition to toxic substances 1%
 - Entrapment 8%
 - Interaction with objects 37%
 - Road accidents 8%
 - Incorrect movements / Overstress 0%
 - Fire/ Explosions 17%
 - Others 3%

INJURY TYPE



292

223

136 48 29

3.1.3 EDP GROUP: EDP EMPLOYEES + CONTRACTORS

ACCIDENTS AT WORK AND ACCIDENT RATES - SUMMARY TABLE

CHANGE IN THE MAIN BY GEOGRAPHICAL A		ACCIDENTS	Fr	Ir	Sr	TSR	DAYS' LOST
	2017	124+4F	2.03	3.84	131	612	8,276
EDP Group	2016	185+3F	299	5.66	174	465	10,995
	Δ	-32%	-32%	-32%	-25%	32%	-25%
	2017	63	2.34	4.25	203	215	5,470
Portugal	2016	130+3F	4.29	7.91	280	874	8,693
	Δ	-53%	-45%	-46%	-28%	-75%	-37%
	2017	30	3.69	6.91	125	125	1,015
Spain	2016	24	3.02	5.58	128	128	1020
	Δ	25%	22%	24%	-2%	-2%	0%
	2017	27+4F	1.32	2.62	64	1,343	1,501
Brazil	2016	17	0.87	1.72	28	28	541
	Δ	82%	52%	52%	>100%	>100%	>100%
	2017	2	0.55	1.06	28	28	100
North America (Canada, USA, Mexico)	2016	12	3.26	6.46	83	83	304
	Δ	-83%	-83%	-84%	-66%	-66%	-67%
Rest of Europe (Romania, Italy, UK, Poland, France and	2017	2	210	4.06	199	199	190
	2016	2	2.34	4.50	446	446	381
Belgium)	Δ	-	-10%	-10%	-55%	-55%	-50%

F – Fatal

In 2017, the number of employees and service providers continued to improve in recent years, with the frequency rate approaching the EDP 2020 goal ($Fr \leq 2$).

For EDP, prevention and safety are important because has a direct impact on people's lives. Thus, the risks arising from activities, as well as those associated with facilities and equipment, are identified. In 2017, there were 10 fatal accidents with an electrical source with third parties (non-EDP employees) in EDP Group facilities or equipment. These accidents occurred largely in the course of civil construction activities that led to the contact of machines/work equipment with live electrical lines, and unauthorized access to live facilities/equipment.

ACCIDENT RATES - GRAPHICS



3.2 FATAL ACCIDENTS IN THE EDP GROUP

- A team consisting of two electricians was on duty when, for unexplained reasons, they became distracted and hit a wall and a power pole. The pole split upon impact and fell on the cabin of the vehicle, causing the death of the electrician in the passenger seat.
- A team consisting of two workers from the logistics department were travelling for work purposes when the driver lost control of the vehicle when on a bend in the road which they failed to notice, resulting in the death of the two occupants.
- Two electricians carried out maintenance work on the power grid at the top of a pole. In the course of the work, the pole split at the base, dragging the workers down as it fell and fatally hitting one of them.

3.3 NEAR-MISSES SITUATIONS

For EDP, the knowledge, analysis and correction of nearmisses is an essential tool to achieve the goals and targets of risk reduction and personal injury in the operations conducted in the group companies.

In Portugal and Spain, the number of reported cases continues to be low when related to the number of accidents with injuries; according to the ratio of the Heinrich accident pyramid, on average for every 30 accidents with days lost, 300 near-misses occur.

In Brazil, the program implemented to encourage the reporting of potentially dangerous situations in electricity distribution activities is highlighted.

2,279 Near-accident situations were reported in EDP Group companies during 2017.





3.4 WORKERS AVERAGE NUMBER

The following graph represents the equivalent workforce (EWF) in the EDP Group, with the SPs values calculated from the number of hours worked, in light of the hours worked in EDP.



WORKERS AVERAGE NUMBER 2017					
	EDP GROUP	SPs			
Portugal	6,476	8,339			
Spain	1,698	2,644			
Brazil	3272	8,549			
NORTH AMERICA	511	1,372			
Rest of Europe	163	329			

3.5 BENCHMARKING – FREQUENCY RATE



EDP GROUP AND COUNTERPART COMPANIES*

 EDP Group	 EDP Group Contractors
 IBERDROLA Group	 IBERDROLA Group Contractors
 ENEL Group	 ENEL Group Contractors
 EDP Group	 EDP Group Contractors
 GAS NATURAL FENOSA Group	 GAS NATURAL FENOSA Group Contractors

<u>04 SHARING GOOD PRACTICES WITHIN THE EDP</u> GROUP

Sharing experiences and information on the most relevant projects in occupational safety issues between the EDP Group companies and geographies is an important tool for enhancing a widespread, transversal adoption of existing best practice.

Occupational health and safety being regarded as a materially relevant topic since it directly affects the creation of value for the EDP Group, every year comprehensive corporate actions, cross-cutting all geographies, are identified and addressed, with the aim of:

- Reducing accidents to ESP workers;
- Improving service efficiency and quality with an impact on cost reduction;
- Improving working conditions that have an impact on the reduction of accidents and absenteeism;
- To comply with legal requirements.

The following are some of the projects and initiatives developed in 2016:

EDP PRODUÇÃO PROMOTES SAFETY WEEK

For the third consecutive year, EDP Produção has devoted one week to the theme of prevention and safety at work through the campaign "Safe and healthy workplaces" promoted by the European Agency for Health and Safety at Work 2016-17 with the following objectives:

- promote sustainable work and healthy ageing from the start of work;
- prevent health problems throughout their working lives;
- provide employers and workers with the means to manage occupational health and safety in the context of an ageing working population;
- and encourage the exchange of information and good practices.

Throughout the EDP Produção third safety week, several educational videos were shared on the intranet which addressed the subjects of ergonomics and ergo-coaching, active ageing, working at height, as well as a review of the "Attention +" Programme Roadshow.

Workshops on ergo-coaching and body biomechanics were also held, with individual practical sessions with elastic therapeutic tape application in several centres, as well as in the Lisbon and Porto headquarters, and even training workshops for working at height at the Castelo do Bode headquarters.

The week ended with the safety meeting on February 2 with the participation of Mr. Francisco George, president of the Portuguese Red Cross, who discussed the issue of ageing and its connection to behaviour at work, as well as the commander of the GNR mountain search and rescue platoon, the head of the naval deputy chief of the Setubal firefighters' corporation who debated on some essential requirements for search and rescue. This event was also punctuated with some moments of humour by the improvisational theatre group, who helped to convey some important messages that were being spread throughout the week.

EDP VALOR CREATES PREVENTION AND SAFETY AWARENESS

Safety sessions were held as part of the company programme – valuating experiences, and are intended to managers that carry out administrative and business activities of the various companies that provide prevention and safety services for EDP Valor, with the objective of ensuring the daily adherence to EDP Group Safety Policy.

Throughout the session, several themes were discussed, highlighting:

- EDP Group safety policy;
- Behaviours and occupational health;
- The role of prevention and safety services;
- Ergonomics in the workplace;
- Topic of safety and quick win;
- Risks and accidents;
- Safety notes.

The sessions were highly dynamic and enjoyed the active participation throughout the training of the managers who participated with great enthusiasm in the "play" of the observations of safe acts.

It was a different way of creating awareness amongst managers to work on improving employees' safety conditions and to act quickly on the unsafe acts they detect.

EDP SPAIN ORGANIZES A CONFERENCE ON PREVENTION IN ELECTRICITY DISTRIBUTION

EDP HC Energía organized the 23rd edition of the "Continuous Improvement in Prevention, Environment and Sustainability" Day, with the objective of sharing experience, co-ordinating works and presenting innovations that improve safety in the construction and maintenance of electricity grids. More than 150 employees attended the session. This edition was aimed at managers and employees who participate directly in electricity distribution works.

The issue focused on two major themes:

- Improvements to be adopted in the face of electrical risks
- Impact of initiatives undertaken to raise organizational maturity in preventive issues.

EDP RENOVÁVEIS – SAFETY DAY

More than 50 employees and technicians from EDPR, Vestas and Siemens Gamesa attended the Marble River Safety Day on Tuesday, September 26. The event was a great opportunity for technicians to show their abilities to perform their tasks safely.

The day began with breakfast and a safety briefing by the Marble River team. The groups then divided into four teams for a "Safety Jeopardy" game, led by Vivianna Laprea (Health & Safety Associate). The group then moved outside to start the four spins of the season. The first





stage was a Blackout Goggle event, where teams were scheduled in speed and accuracy in putting on and take off helmets and harnesses. In the second stage, participants identified rigging and sling deficiencies, and the third stage consisted of a crane at the end of the yard for crane operation and assembly. The fourth and final season tested the teamwork and the resourcefulness of the participants. The participants in this stage were divided into teams, with the same goals to be achieved, but work with different materials to achieve these goals.

After four hours of competition, all enjoyed lunch and an awards ceremony, where Erika Nelson (Operations Manager -Marble River, South Branch and Jericho Rise Wind Farms) presented the following prizes: Best Overall Performance, Best Spirit, Best Teamwork, and Best Communication.

EDP DISTRIBUIÇÃO THINK OF YOURSELF AND YOUR TEAM. NEVER FORGET SAFETY.

The second poster of the ongoing Safety Campaign, whose motto is "Think about yourself and your team. Never forget safety." was launched at the beginning of July, to coincide with the

2017 Safety Workshops.

This campaign is intended to reminded all Company employees of the need to change behaviours in order to create the conditions for reducing the human factor in the cause of work accidents.

The idea to convey is that work accidents don't just affect the person injured, but also the Company, colleagues, family and society in general.

In order to enhance their appeal to employees, the main figures on the first poster were the managers from Networks and Clients Divisions. On the second poster, they were co-workers from each of the operational divisions, as well as from the main External Service Providers that work for each division, which is why specific posters were prepared for each division, although with a common visual theme and layout.

This campaign was launched on April 28 as a way to mark the National

Prevention and Health at Work Day, through a video posted on the EDP Distribuição intranet with a message from EDP Distribuição's Chairman of the Board of Directors, João Torres.



ENVIRONMENT AND SAFETY MANAGEMENT IN EDP COMERCIAL AND EDP SOLUÇÕES Comerciais

CERTIFICATION ACCORDING TO ISO 14001:2015 AND OHSAS 18001:2007



In recent years, EDP Comercial (EDPC) and EDP Soluções Comerciais (EDPSC) have experienced an increase in services rendered, which translates into greater operational activity through the collaboration of external bodies who are business partners. The occupational risks to which the Employees and Service Providers of these companies are exposed are a subject of concern. Occupational Health and Safety (OH&S) must therefore be guaranteed in all activities undertaken. In addition, the new equipment provided by the Organization to

industrial and domestic Customers requires environmental and occupational risk assessments, namely in the strategic reflection and planning phases of the operations and integrating a lifespan perspective. Therefore, in order to comply with corporate guidelines on sustainability and corporate social responsibility, in 2016 an Integrated Environmental and Safety Management System (SIGAS) was implemented and certified in EDPC, which in 2018 will be extended to include environment and safety management as well as management of the activities carried out in the EDPSC.

The implementation of SIGAS in EDPC and EDPSC in accordance with ISO 14001:2015 and OHSAS 18001:2007, in order to ensure environmental and occupational risk control in both organizations, is being phased in from 2013, with the project expected to be completed in October 2018. Between 2013 and 2014, the Environmental Management System (SGA) was implemented in EDPC, with a fundamentally strategic scope. Between 2014 and 2015, the scope of the SGA was broadened to include all activities undertaken in EDPC. In 2016, the SGA implemented in EDPC was transitioned according to the ISO 14001: 2004 benchmark for the new benchmark, ISO 14001:2015. At the end of 2016, the Safety Management component in the existing SGA was included, constituting the SIGAS of EDPC. The System was duly audited and certified by Lloyds Quality Register Assurance (LQRA) in October 2016, in accordance with the aforementioned benchmarks. In 2017, the System was consolidated and extended to include all activities undertaken in EDPSC. In 2018, all SIGAS components will be effectively implemented in EDPSC in order to guarantee the extension of the scope of the existing certification in EDPC, to include both companies. By maintaining (and maturing) SIGAS in EDPC and by extending the System to the EDPSC, it will be possible to promote more sustainable leadership practices, which are key to the monitoring of environmental and safety risks in both companies. The participation of organization managers in training, awareness-raising and information activities related to environment and safety issues, as well as in the start-up and feedback meetings with Suppliers, Employees, Clients and other social partners, will ensure the continuous improvement of the System, and the creation of shared value for all.

