

# 2021 Environmental Performance Report

(Water, Energy, GHG)

From January 1st to  
December 31st 2021

# Environmental Performance Report 2021

(Water, Energy, GHG)



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## 1.2 ABOUT THIS REPORT

The following report, named **2021 Environmental Performance Report (water, energy, GHG)**, ahead designated as **Environmental Performance Report**, was elaborated with the intention of Inforlandia to inform the Concerned Parties (stakeholders) and the society in general about their activities and the strategy concerning its performance considering the concept of Sustainable Development, in matters related to water, energy and greenhouse gas emissions (GHG). In this report, it is reflected on the company's view and main activities, as well as the impacts associated with water consume, use of energy and emissions.

Understood as a communication tool for Inforlandia's corporate activity and with some of its commitments related to Sustainable Development, this report complements existing company resources, namely the Quality and Environment Manual (associated with the Integrated Quality and Environmental Management System), which demonstrates INFORLANDIA's commitment to develop and continuously improve its performance in terms of Quality and Environment, that involves the whole company, and its relevant stakeholders.

The 2021 Environmental Performance Report was elaborated accordingly to the principles, requirements and guidelines of Global Reporting Initiative (GRI), according to the most recent version. Published in 2021, the GRI benchmarks will substitute the previous version, valid until December 31st, 2022. Given that this is the first Environmental Performance Report, and having in mind the objective of maintaining corporate communication on an **annual basis**, it was decided to accept and produce

this first report already aligned with the structure of GRI benchmarks.

Although INFORLANDIA has posted on its website a first approach to what would be the Environmental Performance Report, on November 19th, 2020, **this report constitutes the first version of that Report with reference to the GRI benchmarks.**

In the past, INFORLANDIA issued a 1st Sustainability Report in the "Core" option of the GRI benchmarks then in force, and which focused on the year 2016. This practice was not continued the following years, and INFORLANDIA is currently preparing to resume this reporting at planned intervals. At the end of this document is presented the "GRI CONTENTS INDEX" which serves as a reading guide for this report.

This report intends to provide a balanced description of INFORLANDIA's environmental performance regarding water, energy and greenhouse gas emissions. The preparation of this report was based on the Reporting Principles invoked by the GRI benchmarks, namely for Standard GRI 1: Foundation 2021: in one hand, the key concepts for the unambiguous identification of relevant concepts to report (Impact, Material Topics, Due Diligence, Stakeholder) and on the other hand, the principals that ensure the quality of this reporting (Accuracy, Balance, Clarity, Comparability, Completeness, Sustainability Context, Timeless and Verifiability).

Given the report options foreseen in the GRI frameworks- report according to the GRI Standards, or report with reference to the GRI Standards- it is noted that the present report was elaborated accordingly to the option with reference to GRI Standards.

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From the standpoint of thematic scope and time scope, the report focuses on INFORLANDIA's performance regarding the period of time of the activity between the **1st of January and the 31st of December 2021** including the reference to the two previous years (2020 and 2019). In this report it is included global information about INFORLANDIA, considering the facilities in Aveiro and Lisbon.

facilities in Aveiro and Lisbon where the following activities are developed: **Installation, Commercialization and Technical Products and Equipment's' technical assistance.**

This report has been subjected to validation of its content and the data sources that originated the reported values, by an Independent External Entity.

The link to this validation is available at:

Any additional information, clarification, or explanation about this report it is ensured through the following contact:

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This report reflects the activity developed in the whole INFORLANDIA, including the

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## 1.3 ABOUT INFORLANDIA

**INFORLANDIA S.A** is a technology-based Portuguese company that focuses its activity on the development, production, distribution, and marketing of ICT (Information and Communication Technologies) solutions, namely computers and other mobile computing/consumer electronics' equipment.

Founded in the city of Aveiro, in 1990, INFORLANDIA quickly emerged in the reduced board of national



agents that then stood out for launching the first national brands of computer equipment – offering robust and economically competitive solutions in a market at the time dominated by the ICT solutions of the world's biggest brands.

After more than 30 years, keeping up and continuously adapting to the profound transformation that characterized the worldwide ICT industry ecosystem, INFORLANDIA maintains the mission and values underlying its foundation.

Its demonstrated capacity for resilient business, sustained by a strategic reading of the dynamic ICT ecosystem; in a competent economic and strong capital of knowledge, experience, and innovative capacity, ensure that today INFORLANDIA has a leading position in the national market and a successful record of several internationalization operations.

Founded with the legal nature of “Limited Company” and an initial share capital of 400.000 Portuguese escudos (about 2 thousand euros), the growing achieved during the last two decades, determined successive increases in its share capital, having on December 31st, 2021, increased its capital stock to 12.5 million euros. In 2015 the company changed its initial legal nature to “Joint-stock Company”

materializing its Share Capital in 4 million shares with a nominal value of 1 Euro. Its Board of Directors is consisting of

a president and two members.

INFORLANDIA is part of the VAGA SGPS, a group that brings together a diversified set of business and corporate initiatives, including the largest European manufacturer of microwave ovens.

VAGA Group employs more than 1000 people and has a combined sales volume of over 200million euros/year.

INFORLANDIA develops activity in two different places:

In Aveiro, in Rua Santa Rita n.º 85, Vilar and in Lisbon, in Avenida do Brasil, n.º 194 A.

Celebrating 30 years, Inforlandia presents itself with a deep knowledge and

Inforlandia has a robust financial structure, with registered capital of 5M (≈\$7 million) and a low debt-to-assets ratio. It has 100 employees, 20% with university degrees, and has exceeded annual sales of 65M (≈\$90million) It is part of a large industrial group (VAGA) that achieves combined sales of over 200M (≈\$300 million) per year (> 1000 employees).

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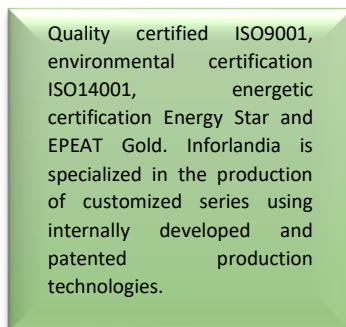
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experience in the technological sector, at local and international level, with successes that speak for themselves. Today it is the largest manufacturer of computer equipment in Portugal, with an offer adjusted and developed to the needs of customers and with a strong weight in exports. The ambition that dictated its path continues to outline its growth and consolidation strategies.

With the aim of making technology increasingly accessible,

both for Education and for the business and public sectors, it has been developing production methods and strategies that ensure unmatched flexibility and high levels of quality, with the utmost efficiency. The commitment to quality has been rewarded with certifications at the highest level, and Inforlandia's objective is to continue to be one of the national companies with the highest number of product, process and business-level certifications.

Quality certified ISO9001, environmental certification ISO14001, energetic certification Energy Star and EPEAT Gold. Inforlandia is specialized in the production of customized series using internally developed and patented production technologies.



Since 1990, Inforlandia has developed, designed, manufactured and custom tailored personal computers, servers, tablets, smartphones and other consumer electronics, under its brands (INSYS, Matrixx), on an EMS/ODM basis for large worldwide clients under Private Label brands. Market leader in several segments, namely, being the largest manufacturer in South Europe of mainstream notebook computers and smart phones.

Inforlandia R&D patented several innovative solutions, currently embedded in several of its products, namely the "CUCo security", an anti-theft and contract compliance technology for remote hardware device lockdown and "EduPro" devices for teachers, education and schools.

The main milestones of INFORLANDIA are described in the following table:

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<b>Main Milestones in the history of Inforlandia</b>	
1990	<ul style="list-style-type: none"> <li>• Foundation and beginning of commercial activity in Aveiro and its area of influence. Commercialization of personal computers and equipment accessories.</li> <li>• Focus on exclusive distribution of competitive brands (quality vs. acquisition cost), namely Goldstar.</li> </ul>
1992/93	<ul style="list-style-type: none"> <li>• Change of facilities (aiming for increased area, greater centrality and improved image).</li> <li>• Launch of our own brand of computers, IN-Systems, later renamed INSYS,</li> <li>• which was to have an excellent acceptance by the market (very competitive price-quality ratio) and opened the doors to the company's positioning throughout the national market.</li> <li>• It also started the development of ICT solutions for companies and the provision of technical support services to companies.</li> </ul>
1994	<ul style="list-style-type: none"> <li>• Extends headquarters facilities and opens a second commercial area in the city of Aveiro.</li> <li>• Starts this year the complementary activity of computer distribution, making the resale of hardware of brands from Europe, United States and Asia, leaders in their market segments which it now represents exclusively, namely: Trust (Holland), NEC (Japan), Chaintech (Taiwan), Proview (Taiwan), Keytronic (USA), JVC (Japan), FIC (Taiwan), CodeGen (Taiwan).</li> </ul>
1996/97	<ul style="list-style-type: none"> <li>• Opening of new stores in the metropolitan areas of Lisbon and Porto starts the expansion of physical presence to the entire national territory.</li> <li>• Creation of a spin-off company specialized in the development of software solutions for industrial Soft.i9 (<a href="http://www.softi9.pt">http://www.softi9.pt</a>).</li> </ul>
1998	<ul style="list-style-type: none"> <li>• New move of the main facilities in order to sustain the verified growth and associated logistical needs. New space with 1500m<sup>2</sup>.</li> </ul>
1999	<ul style="list-style-type: none"> <li>• Creation of a franchising network that in the following years will reinforce the expansion of physical presence in the national territory. This strategy would reach its peak in 2005 - the year in which the store network (own year in which the store network (own and franchised) reached 25 stores, thus positioning itself as one of the largest computer one of the largest computer retail store networks in Portugal.</li> </ul>
2000	<ul style="list-style-type: none"> <li>• Distinguished by the specialty magazine 'PC Guia' as the Best Customer Service award.</li> <li>• Entry into the ranking of the 50 main national computer companies.</li> <li>• In addition to its own brand INSYS starts production, as a subcontractor, for other existing brands in the national market.</li> </ul>
2001	<ul style="list-style-type: none"> <li>• 'Semana Informática' magazine positions INFORLANDIA as the 10th largest national distributor.</li> </ul>
2003	<ul style="list-style-type: none"> <li>• Implements and certifies the Quality Management System according to ISO 9001.</li> </ul>
2006	<ul style="list-style-type: none"> <li>• Development of our own production process, with individual quality control of each unit produced unit produced and resources for facilitated replacement of source definitions.</li> </ul>
2007	<ul style="list-style-type: none"> <li>• Move to the current facilities, with the creation of new assembly lines and expansion of production capacity.</li> <li>• Named as 'HP Preferred Partner'.</li> <li>• Development of web platforms to support the Program "One computer per child" / Project e-Schools.</li> </ul>
2008	<ul style="list-style-type: none"> <li>• Participates in the program to facilitate the acquisition of ICT solutions by the school community - 'e-Schools', namely laptops, in which INSYS is the only national brand to the offer available (along with models from international brands HP, Toshiba, Asus, Acer, Fujitsu, Siemens).</li> <li>• 3rd place in the national ranking of notebooks, only behind Toshiba and HP.</li> <li>• Distinction 'Microsoft Excellence in Leadership'.</li> <li>• Launch of the first laptop aimed at the Consumer Market with internal 3G modem.</li> </ul>
2009	<ul style="list-style-type: none"> <li>• Designation as 'Microsoft Gold Certified Partner' (renewed until 2011).</li> <li>• Production of more than 100 thousand units of laptops with Linux operating system (Open Source) operating system, becoming a European case study.</li> </ul>
2010	<ul style="list-style-type: none"> <li>• Nominations: 'Clevo Excellent Partner', 'Toshiba Award of Appreciation for Business Commitment and Dedication', 'Intel Channel Innovation Awards' and 'Intel Channel Partner Premier'</li> <li>• Launch of the Brand Art Concept - world's first equipment customization program with the customer's corporate image during production.</li> </ul>
2011	<ul style="list-style-type: none"> <li>• Named 'Intel Technology Provider Platinum'.</li> </ul>

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	<ul style="list-style-type: none"> <li>• Launch of the first laptop specifically developed for Senior Citizens, in partnership with RUTIS - Senior Universities Network.</li> <li>• Manufacturer and supplier of the Technological Plan for Education in Cape Verde - "Gota d'Água", supplying all laptops and desktops to students and schools.</li> </ul>
2012	<ul style="list-style-type: none"> <li>• Implements and certifies the Environmental Management System according to ISO 14001.</li> </ul>
2013	<ul style="list-style-type: none"> <li>• Attribution of the 'PME Líder' stamp by IAPMEI - Agency for Competitiveness and Innovation, renewed annually since then.</li> <li>• Development of the anti-theft security technology "CUCo", for equipment with UEFI x86 architecture (patent pending).</li> <li>• Development of the first INSYS wearable devices, namely Watch Dual GSM.</li> <li>• Manufacture of 2500 servers under EMS (electronics manufacturing service) contract for a large multinational company.</li> <li>• OEM (original equipment manufacturer) for the Technological Plan for Education of Mozambique.</li> </ul>
2014	<ul style="list-style-type: none"> <li>• Launch of the first smartphone (Android) specified for the needs of Senior Citizens.</li> <li>• Manufacture of 1 million cell phones in "Private Label" mode for African operator.</li> <li>• Manufacture of 250,000 smartphones in "Private Label" mode for European operator.</li> </ul>
2015	<ul style="list-style-type: none"> <li>• Development and launch of the first laptop specifically designed for teachers, with 'router+hotspot' and internal 'virtual server'.</li> <li>• Development and launch of interactive Classroom Board with bi-directional wireless connection with the teacher's laptop.</li> </ul>
2016	<ul style="list-style-type: none"> <li>• Development and Launch of the first laptop with internal LTE/4G module, for the FMCG segment.</li> <li>• First keyboards with SmartCard reader and in-house production of the key layout by laser engraving (great responsiveness to large and small volume keyboard orders in more than 20 European languages).</li> </ul>
2017	<ul style="list-style-type: none"> <li>• First national manufacturer to obtain EPEAT certification.</li> </ul>
2018	<ul style="list-style-type: none"> <li>• Raises the level of EPEAT certification to Gold, as a result of the commitment it has always made to quality and respective certification.</li> </ul>
2019	<ul style="list-style-type: none"> <li>• It is the only national manufacturer to obtain Microsoft "Designed for Windows" certifications.</li> <li>• Implements Sophos security solutions in Oliveira do Bairro Municipality.</li> <li>• Obtains TCO and Energy Star certifications.</li> <li>• Renews ISO 14001:2015 and ISO 9001:2015 certification.</li> </ul>
2020	<ul style="list-style-type: none"> <li>• Inforlandia wins the bid to supply several lots of laptops to the state under the government's government's "Digital School" program, becoming one of the largest suppliers selected to this project.</li> <li>• Supply of desktops to all portuguese prison facilities.</li> </ul>
2021	<ul style="list-style-type: none"> <li>• Inforlandia wins the second phase of the bidding to supply several lots of laptops to the State in the scope of the "Escola Digital" program of the Government, becoming one of the largest suppliers selected for this project.</li> <li>• Inforlandia was awarded "Best Company in the Market in the Technology, Media and Telecommunications" in the 2021 edition of the Biggest and Best Company Award from "Exame" magazine. This was the 32nd edition of this initiative that has long been a reference in economic analysis in Portugal. It is with proud that Inforlandia receives recognition for a journey of more than 30 years in which consolidated its position in the market as a company that wants to be increasingly productive and generate more wealth, thus contributing to economic growth in Portugal.</li> <li>• Supply of desktops to all portuguese courts and justice facilities, in direct collaboration with the Ministry of Justice in the implementation of the project with Secure Software.</li> <li>• Distribution of INSYS tablets to all K-6 students in the Azores.</li> </ul>

*INFORLANDIA* has managed to adapt to the various changes in the ICT solutions market – transformation geographic centers and production paradigms, privileged marketing schemes, etc - as well as, to resist the economic-financial recession that began in

2007 and the disappearance of a significant part of its national competitors.

The main activities developed currently are:



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- ❖ Manufacturing - business area oriented to the production of PCs.
- ❖ Distribution - business area oriented to the resale sector.
- ❖ Retail - business area oriented to the large retail sector.
- ❖ Enterprise Solutions - business area oriented to the corporate sector.
- ❖ Franchising - franchised stores of IT franchising.
- ❖ Support Services - area of technical support to final clients.

Besides the central facilities and the delegation in Lisbon, Inforlandia count with a network of franchised stores in other portuguese cities. The management these franchises is totally autonomous, having no operational or financial control over them.

Given the evolution of the dominant models

retailing of ICT solutions Inforlandia has been reducing the investment in its network of physical and to invest on online sales through its B2C portal Elite Digital



([www.elitedigital.pt](http://www.elitedigital.pt)), as well as, by INSYS brand in third-party retail surfaces of third party entities.

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## 1.4 TOPICS TO REPORT

Inforlandia has implemented and certified an Environmental Management System by the ISO Standard 14001:2015 having developed a process of understanding of its Context within the scope of its activities, products, services, and included in this process, the analysis of the requirements of its Stakeholders.

Additional information about the certifications can be found at:

[Certifications - Business Solutions \(inforlandia.com\)](https://inforlandia.com/Certifications-Business-Solutions)

[Lista de clientes certificados | SGS Portugal](https://inforlandia.com/Lista-de-clientes-certificados-SGS-Portugal)

IEEE 1680 standard and represents a system of global environmental classification system for products with respect to their environmental performance, which facilitates the selection of high-performance equipment performance that supports the sustainability goals of organizations.

The environmental criteria underlying the EPEAT system cover the life cycle, from its design and production through its use and ending in the disposal and/or recycling at the end of its useful life. The manufacturers' compliance claims are subject to ongoing verification by qualified certification bodies, with non-compliant products conforming products are removed from the EPEAT register to ensure that buyers around the world can use the system with confidence. Depending on how many criteria met by producers, products can be awarded the Bronze, Silver or Gold classification.

The EPEAT certification is managed by the Green Electronics Council, which provides detailed information on the following website:

<https://epeat.net/>

The stakeholders that INFORLANDIA identifies as relevant are the following:



This report was constructed specifically to meet the requirement of various stakeholders, but where the customer has special prominence in that EPEAT certification is a differentiating element between players in the market EPEAT Certification is based on the

Inforlandia is seeking to achieve certification EPEAT according to the IEEE 1680.1™-2018 standard which stands for the "Standard for Environmental and Social Responsibility Assessment of Computers and Displays."

The present report aims to report on the topics in the criterion "4.9.2.1 Required - Corporate environmental performance

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reporting by manufacturer", which refers to an annual public statement on:

- water use (ie, abstraction) or consumption;
- energy use;
- Greenhouse gas emissions of scope 1 and scope 2.

It should be noted that INFORLANDIA's environmental management system, which includes a process for determining environmental control and improvement of environmental performance. A

methodology for the evaluation of described in the "PQ 32 01-Identification and assessment of environmental aspects and environmental impacts" returns information on environmental aspects that are classified as significant and that, therefore, are subject to differentiated control from the others.

This report aims to report the aspects required by criterion 4.9.2.1 of the IEEE 1680.1™-2018, not having been materiality of other topics.

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## 1.5 ABOUT THE USE OF THE WATER RESOURCE

Drinking water is a scarce resource on the



planet. Although INFORLANDIA is not a water-intensive consumer, it still has a responsibility to contribute to the

Sustainable Development Goals by ensuring that meeting its needs does not compromise the satisfaction of future generations.

Even though INFORLANDIA does not consume water directly in the manufacturing process (assembly), there is human consumption by the employees and the consumptions related to the sanitization and cleaning of the facilities. The wastewater generated are of an equivalent nature to domestic, being discharged into the municipal sanitation system, which ensures their treatment in a WWTP, before being discharged into the natural environment.

In the Aveiro facilities the supply of drinking water and the sanitation of wastewater is under the responsibility of AdRA – “Águas da Região de Aveiro”.

In the Lisbon facilities, the similar Management Entity is EPAL – “Empresa Portuguesa das Águas Livres, SA”.

There are no surface or underground water intakes surface water, nor any water storage systems or devices. The main environmental impact resulting from water consumption is the contribution to the depletion of this resource.

With regard to the wastewater produced, the main impact is related to the contribution to the possible pollution of the environment where wastewater is

discharged after treatment by the Wastewater Treatment Plants.

Given the nature of INFORLANDIA's activity and given that the installations are, for the most part, offices, the impact is not considered significant. On the other hand, INFORLANDIA does not develop activities that may cause water pollution in directly or significantly. All the water consumed comes from the public network, is intended for human consumption and cleaning and is subsequently routed to the network of domestic wastewater collectors.

Although there is a concern with the rational consumption of water resources, there are no commitments, policies or goals especially directed to this topic as a good practice, it is carried out awareness of employees to avoid unnecessary consumption and to be attentive and report any anomalous situations that can be quickly corrected.

INFORLANDIA monitors monthly as part of the monitoring and measurement of environmental performance in the light of the NP EN ISO 14001:2015 standard.

The reported data is based on consultation of invoices referring to the Aveiro and Lisbon facilities.

The consumption of the Aveiro facilities was calculated using the meters calibrated no. 7616106, no. 00000005070 and no. 00007783852 (Local code 7549113).

At the Lisbon facilities, consumption is measured by the meter no. 0052901 (Local Code 3377008) and counter no. 0012897 (Local code 3108660).

The water meters belong to the supplier.

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Water consumption refers to the sum of all water purchased from third parties (AdRA and EPAL).

Both the locations where INFORLANDIA develops activities are not subject to water

The [Aqueduct Water Risk Atlas website \(wri.org\)](http://wri.org), provides information on water stress (rate of water withdrawal compared to the renewal of that resource) and water depletion (rate of water consumption compared to its availability). In both cases, it can be concluded that

- both INFORLANDIA facilities are located in areas at risk of water stress, between 20 and 40% (medium-high classification);
- both INFORLANDIA's facilities are located in areas with a water depletion risk of between 5 and 25% (medium-high classification).

- the 40% threshold for water stress is not reached water stress limit is not reached;
- a water depletion level of 75% is not reached.

	Water consumption GRI 303-5	INFORLANDIA		Total Consumption	Consumption in water-stressed areas
		Aveiro	Lisbon		
Year	2019	0,437	0,040	<b>0,477</b> (477 m <sup>3</sup> )	0
	2020	0,516	0,031	<b>0,546</b> (546 m <sup>3</sup> )	0
	2021	0,172	0,032	<b>0,204</b> (204 m <sup>3</sup> )	0

Figure 1 - Total water consumption by INFORLANDIA

stress.

In accordance with the provisions of GRI criterion 303-3-b, it is concluded that none of the facilities is in a water-stressed area stressed zone, since:

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## 1.6 ABOUT ENERGY USE

INFORLANDIA consumes energy and its products require the use of energy throughout their life cycle.

Energy consumption by INFORLANDIA refers to:

- electrical energy;
- fossil fuels (diesel and gasoline);
- liquefied petroleum gases (propane and butane gas).

The products produced by

INFORLANDIA use only electric power supplied by the network.

### Regarding INFORLANDIA's electricity consumption:

Electrical energy is used at INFORLANDIA's facilities for lighting purposes, for testing equipment produced and for work equipment (computers, printers, HVAC system, forklift, among others).

At the Aveiro facilities, electric power consumption is calculated based on 4 delivery points (PPC): 101360145NE; 101359799CK; 101360362ED; 101360497MY.

At the Lisbon facilities, electric energy consumption is calculated based on two Delivery Points (DPC): PT0002000039491349FF and PT0002000039491327YP.

Each delivery point described above has an energy meter installed which belongs to the electricity supplier.

INFORLANDIA neither produces nor sells electricity. All consumption comes from purchases from the national grid.

### With regard to electricity consumption by INFORLANDIA's customers:

The electricity consumption associated with the products it places on the market is a consumption that INFORLANDIA can only influence (it is an influenceable environmental aspect<sup>1</sup>) to the extent that it occurs when the consumer uses its products.

### As regards fossil fuels - diesel and gasoline:

INFORLANDIA uses vehicles in service.

Fuel consumption is, when carried out by INFORLANDIA, attributable to its activity and reported in this report.

The transport of components and manufactured products is carried out by subcontracting specialized transport services, consumption considered to be outside the scope of INFORLANDIA's control and, as such, not considered in the scope of this report.

A significant proportion of INFORLANDIA's product components come from foreign countries and their transport plays an important role in contributing to the negative impacts arising from such transport which may be carried out by land, air or sea; however, such consumption represents influential environmental aspects not directly attributable to INFORLANDIA's activity and therefore has not been considered in the scope of this report.

### With regard to liquefied petroleum gases (butane and propane gas):

<sup>1</sup> INFORLANDIA considered "influenceable" an environmental aspect related to products and/or services used by the company and which are supplied by others,

as well as products and services supplied to others, including those associated with subcontracted process(es).

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In a very residual manner, equipment using LPG (gases from liquefied petroleum) for thermal comfort at the Aveiro site.

The reported figures for butane and propane consumption were obtained by accounting for the number of bottles purchased throughout the year.

The environmental impact resulting from energy consumption, in its various forms, is associated with the contribution to greenhouse gas emissions and, consequently, to climate change. On the one hand, the electricity purchased from third parties is partly of fossil origin, responsible for CO<sub>2</sub> emissions. On the other hand, INFORLANDIA's fuel consumption is also responsible for CO<sub>2</sub> emissions as it is used in combustion processes.

INFORLANDIA periodically monitors energy consumption to determine consumption trends and to take action if consumption is excessive or deviates from the usual trend.

With regard to the electricity consumption of equipment produced by INFORLANDIA, an influential environmental aspect, INFORLANDIA has invested in the "ENERGY STAR" certification of its main products, namely desktops, laptops and monitors. This certification demonstrates and informs the consumer about the energy efficiency of the product they are buying.

The electricity consumption of the products INFORLANDIA places on the market depends on the user and INFORLANDIA therefore has a minor contribution to make to this consumption. INFORLANDIA influences the users of its products by providing information on the proper use of equipment so as to minimize consumption.

In terms of production, INFORLANDIA includes parameterization systems which ensures a reduction in the energy

consumption of equipment when in inactivity (e.g.: automatic entry into sleep mode).

With regard to energy consumption, INFORLANDIA ensures:

- replacement of armatures with fluorescent lamps for LED armatures;
- use of some electrical extensions with current cut-off;
- use of equipment with low energy consumption (Energy Star);
- preventive maintenance to the forklift in order to ensure its good performance and longevity;
- dissemination of good practices among employees and awareness-raising actions, such as ensuring that lighting and computers remain off after hours.

- research for alternative supply of components in closer geographies, along with strategies to optimize the costs - financial and environmental - of transportation from the more distant production centers;

- monitoring of indicators where the % of Supplies from China versus from European Suppliers can be tracked, with the intention of reducing this percentage by purchasing from closer suppliers- acquisition of hybrid vehicles, which allow the environmental impacts associated with transportation to be minimized;

- replacement of the gas forklift by an electric forklift in 2020.

INFORLANDIA's commitments are set out in its Sustainability Policy, which reflects its environmental orientation by minimizing the environmental impacts associated with its activities and continuously improving its environmental performance.

With a view to continuously improving its environmental performance, INFORLANDIA



<https://www.energystar.gov/>

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periodically monitors energy consumption and promotes new measures to minimize consumption and/or reinforces actions whenever feasible and necessary.

The effectiveness of the actions already taken shows that the environmental aspect

remains non-significant within the scope of the environmental aspect assessment methodology.

Figure 2 – INFORLANDIA's energy consumption (Values in KWh)

Values in KWh		2019	2020	2021
<b>Electrical Energy Consumption - Aveiro</b>		96 981	112 602	115 186
Electrical Energy Consumption- Aveiro	From Renewable sources	52 370	67 561	41 467
	From Non-Renewable sources	44 611	45 041	73 719
<b>Electrical Energy Consumption – Lisbon</b>		16 260	8 787	24 524
Electrical Energy Consumption - Lisbon	From Renewable sources	8 780	5 272	8 829
	From Non-Renewable sources	7 480	3 515	15 695
<b>Total Consumption of Electric Energy from Renewable Sources</b>		<b>61 150</b>	<b>72 833</b>	<b>50 296</b>
<b>Total Consumption of Electric Energy from non-renewable sources</b>		<b>52 091</b>	<b>48 556</b>	<b>89 414</b>
<b>Total Consumption of Electric Energy</b>		<b>113 241</b>	<b>121 389</b>	<b>139 710</b>
Heat Consumption		0	0	0
Consumption of refrigeration		0	0	0
Steam consumption		0	0	0
Electric energy sold		0	0	0
Heat sold		0	0	0
Refrigeration sold		0	0	0
Steam sold		0	0	0
Fuel Consumption	Diesel - light goods vehicles	84 828	100 480	116 182
	Diesel - light passenger vehicles	57 678	36 504	37 123
	Gasoline	9 912	19 663	16 615
	Butane	5 222	2 358	3 875
	Propane	570	2 566	5 559
<b>Total fuel consumption</b>		<b>158 210</b>	<b>161 572</b>	<b>179 355</b>
<b>Total consumption of energy from renewable sources</b>		<b>61 150</b>	<b>72 833</b>	<b>50 296</b>
<b>Total consumption of energy from non-renewable sources</b>		<b>210 301</b>	<b>210 128</b>	<b>268 769</b>
<b>INFORLANDIA Total energy consumption</b>		<b>271 451</b>	<b>282 961</b>	<b>319 065</b>



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Figure 2 – INFORLANDIA's energy consumption (Values in Mega Joule)

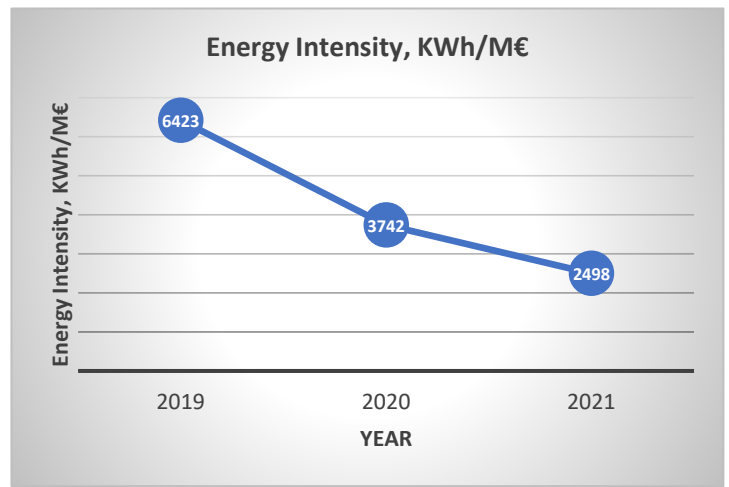
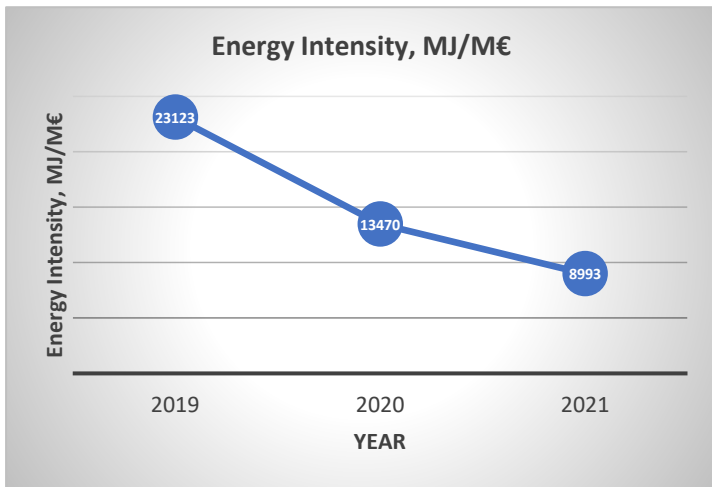
Values in MJ		2019	2020	2021
Electrical Energy Consumption - Aveiro		349 132	405 367	414 670
Electrical Energy Consumption- Aveiro	From Renewable sources	188 531	243 220	149 281
	From Non-Renewable sources	160 601	162 147	265 389
Electrical Energy Consumption – Lisbon		58 536	31 633	88 286
Electrical Energy Consumption - Lisbon	From Renewable sources	31 609	18 980	31 783
	From Non-Renewable sources	26 927	12 653	56 503
Total Consumption of Electric Energy from Renewable Sources		220 141	262 200	181 064
Total Consumption of Electric Energy from non-renewable sources		187 527	174 800	321 892
Total Consumption of Electric Energy		<b>407 668</b>	<b>437 000</b>	<b>502 956</b>
Heat Consumption		0	0	0
Consumption of refrigeration		0	0	0
Steam consumption		0	0	0
Electric energy sold		0	0	0
Heat sold		0	0	0
Refrigeration sold		0	0	0
Steam sold		0	0	0
Fuel Consumption	Diesel - light goods vehicles	305 381	361 730	418 257
	Diesel - light passenger vehicles	207 640	131 415	133 644
	Gasoline	35 682	70 788	59 816
	Butane	18 800	8 490	13 948
	Propane	2 053	9 237	20 013
Total fuel consumption		<b>569 556</b>	<b>581 660</b>	<b>645 678</b>
Total consumption of energy from renewable sources		220 141	262 200	181 064
Total consumption of energy from non-renewable sources		757 083	756 460	967 570
INFORLANDIA Total energy consumption		<b>977 223</b>	<b>1 018 660</b>	<b>1 148 634</b>

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INFORLANDIA increased production in 2020 and 2021 and therefore no decrease in total energy consumption was feasible in absolute terms. However, analysis of the evolution of energy intensity allows us to conclude that **INFORLANDIA has increased its energy efficiency to the extent that it "produces more output" with the same amount of energy, particularly in terms of specific consumption, i.e. energy intensity in megajoules per million euros of sales volume.**

Figure 3 – INFORLANDIA's Energy Intensity Evolution based on consumption Values in MJ



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## 1.7 ABOUT GREENHOUSE GAS EMISSIONS



Climate change stems from the emission of greenhouse gases, and climate action to mitigate climate change is underway as one of the seventeen Sustainable Development Goals (SDGs).

INFORLANDIA's activities generate greenhouse gas (GHG) emissions from fossil fuel combustion processes and leaking cooling gases from equipment containing

Greenhouse gases (GHG) can refer to:

- carbon dioxide (CO<sub>2</sub>);
- methane (CH<sub>4</sub>);
- nitrogen oxides (NO<sub>x</sub>);
- hydrofluorocarbons (HFCs);
- perfluorocarbons (PFCs);
- sulfur hexafluoride (SF<sub>6</sub>);
- hydrogen trifluoride (NF<sub>3</sub>)

GHGs. INFORLANDIA's greenhouse gas emissions are mainly carbon dioxide (CO<sub>2</sub>) and, in the event of accidental leakage of gases contained in equipment used in its facilities, it may emit R134a and R410a. INFORLANDIA also operates equipment containing cooling gases which are not considered to be greenhouse gases.

INFORLANDIA contributes indirectly to GHG emissions by producing electricity upstream from fossil fuels and by burning fossil fuels in vehicles used by third parties to transport raw materials or finished product.

We followed the guidelines of the "GHG Protocol Corporate Standard", developed by the World Resources Institute (WRI) for the emissions referring to the following scopes:

Scope 1: direct GHG emissions, i.e., for which INFORLANDIA is directly responsible. INFORLANDIA's direct CO<sub>2</sub> emissions include emissions from mobile sources (diesel and gasoline) fueled by the vehicles

used by the company and stationary emissions (propane and butane) used in thermal comfort equipment at the facilities.

The Scope 1 of GHG emissions also accounts for fugitive emissions from equipment containing refrigeration gases that may contribute to the greenhouse effect (with global warming potential).

The Scope 2 of GHG emissions includes indirect emissions related to electricity consumption, for which INFORLANDIA has no direct responsibility but does contribute to these emissions.

The environmental impact resulting from INFORLANDIA's GHG emissions is associated with its contribution to climate change.

The way in which the negative impacts associated with greenhouse gas emissions are managed is directly associated with the management of energy consumption, reported in an earlier section of this report.

Regarding the emission of gases contained in equipments, the environmental impact only materializes in anomalous situations resulting from accidental leaks in equipments containing such gases. To this end, INFORLANDIA inventories the quantity of greenhouse gases and the quantity of gases that are replaced in the event of leaks. This procedure is adopted to comply with current legislation on Fluorinated Greenhouse Gases (GFEE), namely the following:

- Regulation (EU) n.º 517/2014 of 16 April 2014, as it stands;

- Implementing Regulation (EU) 2015/2068 of November 17th, 2015, concerning the model for labels on products and equipment containing fluorinated greenhouse gases;

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- Decree-Law n.º 145/2017 of November 30th, 2017, as amended and which ensures the implementation, in national legal order, of Regulation (EU) n.º 517/2014 on fluorinated greenhouse gases.

Given that INFORLANDIA does not have equipment containing more than 5 ton CO<sub>2</sub>e, it is exempt from the obligation to carry out inspections at mandatory periodicity.

Bearing in mind its Sustainability Policy commitments, INFORLANDIA monitors and measures energy consumption related to CO<sub>2</sub> emissions with a view to analyzing their significance. However, there is no commitment made, directly related to the emission of greenhouse gases, namely CO<sub>2</sub>, as it has not been considered as a significant environmental aspect. In terms of fluorinated gases, INFORLANDIA is committed to fulfilling its compliance obligations, in accordance with the requirements of NP EN ISO 14001:2015, and no situation of non-compliance with these obligations has been recorded.

The existing measures for energy management contribute to the management of greenhouse gas emissions, namely CO<sub>2</sub> emissions, of scope 1 and scope 2. The effectiveness of the actions is determined through the maintenance of the environmental aspect as non-significant under the methodology of evaluation of environmental aspects in the light of the requirements of NP EN ISO 14001:2015.

INFORLANDIA's commitment to continuously improve the environmental performance through its Sustainability Policy is communicated to its employees, thus contributing to their involvement and adoption of good practices to reduce consumption, particularly of electricity.

INFORLANDIA does not have or adhere to any greenhouse gas emission offsetting mechanism.

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<b>Values in tCO<sub>2</sub>e</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>SCOPE 1 - Direct CO<sub>2</sub> Emissions:</b>	<b>33</b>	<b>34</b>	<b>38</b>
<b>Fuel Consumption (Stationary Sources)</b>	<b>1</b>	<b>1</b>	<b>2</b>
Thermal Comfort of the Facilities - Aveiro	1	1	2
Thermal Comfort of the Facilities - Lisbon	0	0	0
<b>Total Fuel Consumption (Own Fleet)</b>	<b>41</b>	<b>42</b>	<b>46</b>
Light Goods Vehicles	23	27	32
Light Passenger Cars	18	15	15
<b>Fugitive Emissions of Cooling Gases</b>	<b>0</b>	<b>0</b>	<b>0</b>
Lisbon Facilities	0	0	0
Aveiro Facilities	0	0	0
<b>SCOPE 2 - Indirect CO<sub>2</sub> Emissions (electric energy):</b>	<b>31</b>	<b>23</b>	<b>42</b>
Lisbon Facilities	4	2	7
Aveiro Facilities	27	20	35
<b>Total CO<sub>2</sub> emissions of INFORLANDIA (scope 1 + scope 2)<sup>2</sup></b>	<b>74</b>	<b>66</b>	<b>90</b>

## <sup>2</sup> Data sources used:

Dispatch n.º 17313/2008, of June 26th

Decree-Law n.º 73/2015 of May 11th

<https://www.erse.pt/eletricidade/rotulagem/rotulagem/>

<https://www.edp.pt/origem-energia/?sector=17024>

<https://www.epa.gov/climateleadership/center-corporate-climate-leadership-ghg-emission-factors-hub> (update of 15.09.2021)

[https://www.bp.com/content/dam/bp/country-sites/pt\\_pt/portugal/home/products-and-services/combustiveis/fichas-de-seguran%C3%A7a/janeiro-2020/gasolinas\\_simples\\_95\\_gasolina\\_s\\_chumbo\\_95\\_jan\\_2020.pdf](https://www.bp.com/content/dam/bp/country-sites/pt_pt/portugal/home/products-and-services/combustiveis/fichas-de-seguran%C3%A7a/janeiro-2020/gasolinas_simples_95_gasolina_s_chumbo_95_jan_2020.pdf)

<https://www.erse.pt/numeros-e-estatisticas/combustiveis/>

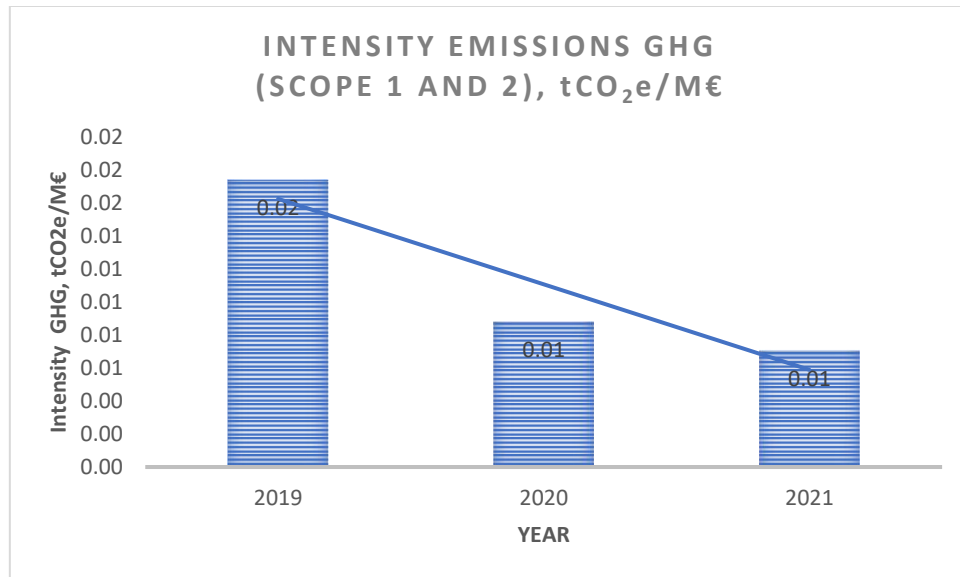
[https://apambiente.pt/sites/default/files/Clima/CELE/Tabelas\\_Fatores\\_Calculo/tabela\\_PCI\\_FE\\_FO\\_2013.pdf](https://apambiente.pt/sites/default/files/Clima/CELE/Tabelas_Fatores_Calculo/tabela_PCI_FE_FO_2013.pdf)

# 2021 Environmental Performance Report

(Water, Energy, GHG)

The analysis of the evolution of GHG intensity allows us to conclude that **INFORLANDIA** has **increased its efficiency** as it **"produces more results"** without increasing GHG emissions, i.e., **it has decreased the intensity of greenhouse gas emissions in tons of carbon dioxide per million Euros of sales volume.**

Figure 4 – INFORLANDIA's GHG Intensity Evolution



# 2021 Environmental Performance Report

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## 1.8. GRI CONTENT INDEX

STATEMENT OF USE	INFORLANDIA, S.A. has reported the information cited in this GRI Content Index for the period from January 1st to December 31st, 2021 with reference to the GRI Standards.
GRI 1 USED	GRI 1: Foundation 2021
APPLICABLE GRI SECTOR STANDARD(S)	Not applicable

GRI Standard/other source	Disclosure	Location	
		Page(s)	Section in this report
	<b>General Disclosure</b>		
<b>GRI 2: General Disclosure 2021</b>	<b>Disclosure 2-1 Organization Details</b>	5	<a href="#">ABOUT INFORLANDIA</a>
	<b>Disclosure 2-2 Entities included in the organization's sustainability report</b>	5 9	<a href="#">ABOUT INFORLANDIA</a>
	<b>Disclosure 2-3 Reporting period, frequency, and contacts</b>	3	<a href="#">ABOUT THIS REPORT</a>
	<b>Disclosure 2-4 Changes to information</b>	---	<b>Omission</b> because not applicable. <b>Explanation:</b> No report has been issued previously that requires adjustment to its content.
	<b>Disclosure 2-5 External assurance</b>	4	<a href="#">Erro! A origem da referência não foi encontrada.</a>
	Disclosure 2-6 Activities, value chain and other business relationships	---	<b>Omission</b> due to unavailable/incomplete information <b>Explanation:</b> On the date of issue of this report this information was not yet processed. The information will be included, to the extent feasible, when the Sustainability Report is prepared.
	Disclosure 2-7 Employees	---	
	Disclosure 2-8 Workers other than employees	---	
	Disclosure 2-9 Governance structure and composition	---	
	Disclosure 2-10 Appointment and selection of highest governance body	---	
	Disclosure 2-11 Chair of highest governance body	---	
	Disclosure 2-12 Role of highest governance body in overseeing impact management	---	
	Disclosure 2-13 Delegation of responsibility for impact management	---	
	Disclosure 2-14 Role of highest governance body in sustainability reporting	---	
	Disclosure 2-15 Conflicts of Interest	---	
	Disclosure 2-16 Communication of critical concerns	---	
	Disclosure 2-17 Collective knowledge of the highest governance body	---	
	Disclosure 2-18 Evaluation of the highest governance body's performance	---	

# 2021 Environmental Performance Report

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GRI Standard/other source	Disclosure	Location	
		Page(s)	Section in this report
<b>GRI 2: General Disclosure 2021</b>	Disclosure 2-19 Remuneration policies	---	<b>Omission</b> due to unavailable/incomplete information <b>Explanation:</b> On the date of issue of this report this information was not yet processed. The information will be included, to the extent feasible, when the Sustainability Report is prepared.
	Disclosure 2-20 Process for determining compensation	---	
	Disclosure 2-21 Annual total compensation ratio	---	
	Disclosure 2-22 Sustainable Development Strategy Statement	---	
	Disclosure 2-23 Political commitments	---	
	Disclosure 2-24 Incorporation of political commitments	---	
	Disclosure 2-25 Processes to remedy negative impacts	---	
	Disclosure 2-26 Mechanisms for seeking advice and concerns	---	
	Disclosure 2-27 Compliance with laws and regulations	---	
	Disclosure 2-28 Memberships	---	
	Disclosure 2-29 Approach to stakeholder engagement	---	
Disclosure 2-30 Collective bargaining agreements	---		
<b>Topics</b>			
<b>GRI 3: Material Topics 2021</b>	<b>Disclosure 3-1 Process for determining material topics</b>	10	<a href="#">TOPICS TO REPORT</a>
	<b>Disclosure 3-2 List of material topics</b>	10,11	<a href="#">TOPICS TO REPORT</a>
	Disclosure 3-3 Managing Material Topics	12	<a href="#">ON WATER RESOURCE USE</a>
		14	<a href="#">ON ENERGY USAGE</a>
		18	<a href="#">ON GREENHOUSE GAS EMISSIONS</a>
<b>Tópico - ÁGUA</b>			
<b>GRI 3: Material Topics 2021</b>	Disclosure 3-3 Management of material issues	12	<a href="#">ON THE USE OF THE WATER RESOURCE</a>
<b>GRI 303: Water and Wastewater 2018</b>	Disclosure 303-1 Interactions with water as a shared resource	12	<a href="#">ON THE USE OF THE WATER RESOURCE</a>
	Disclosure 303-2 Management of impacts related to water discharge	---	<b>Omission</b> because it is not applicable. <b>Explanation:</b> The wastewater produced is of a domestic nature, and there are no limit values or standards for the quality of this water.
	Disclosure 303-3 Water withdrawal	---	<b>Omission</b> because it is not applicable. <b>Explanation:</b> The water used comes only from the public supply network, and there is no abstraction of water.
	Disclosure 303-4 Discharge of water	---	<b>Omission</b> as it is not applicable. <b>Explanation:</b> The waste water produced is of a domestic nature, delivered to the public sewage network for further treatment. There is no type of imposition of control of the quality or quantity of wastewater sent to these collectors.
	Disclosure 303-5 Water consumption	13	<a href="#">ON THE USE OF THE WATER RESOURCE</a>
<b>Topic - ENERGY</b>			
<b>GRI 3: Material Topics 2021</b>	Disclosure 3-3 Managing material topics	14	<a href="#">ON ENERGY USE</a>
<b>GRI 302: Energy 2016</b>	Disclosure 302-1 Energy consumption within the organization	14	<a href="#">ON ENERGY USE</a>



# 2021 Environmental Performance Report

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GRI Standard/other source	Disclosure	Location	
		Page(s)	Section in this report
	Disclosure 302-2 Energy consumption outside the organization	---	<b>Omission</b> due to unavailable/incomplete information <b>Explanation:</b> At the date of issuance of this report, this information was not systematized for treatment. The information requirements are being evaluated so that, as far as feasible, it will be reported in future Sustainability Reports or Environmental Performance Reports.
	Disclosure 302-3 Energy Intensity	14	<a href="#">ON ENERGY USE</a>
	Disclosure 302-4 Reduction of energy consumption	16	<a href="#">ON ENERGY USE</a>
	Disclosure 302-5 Reductions in energy requirements of products and services		<b>Omission</b> due to unavailable/incomplete information <b>Explanation:</b> At the date of issuance of this report, this information was not systematized for treatment. The information requirements are being evaluated so that, as far as feasible, it will be reported in future Sustainability Reports or Environmental Performance Reports.
<b>Topic - EMISSION OF GREENHOUSE GASES</b>			
<b>GRI 3: Material Topics 2021</b>	Disclosure 3-3 Managing material topics	18	<a href="#">ON GREENHOUSE GAS EMISSIONS</a>
<b>GRI 305: Emissions 201</b>	Disclosure 305-1 Direct GHG emissions (scope 1)	18-20	<a href="#">ON GREENHOUSE GAS EMISSIONS</a>
	Disclosure 305-2 Indirect GHG emissions (scope 2)	18-20	<a href="#">ON GREENHOUSE GAS EMISSIONS</a>
	Disclosure 305-3 Other indirect emissions (scope 3) of GHG	---	<b>Omission</b> due to unavailable/incomplete information <b>Explanation:</b> At the date of issuance of this report, this information was not systematized for treatment. The information requirements are being evaluated so that, as far as feasible, it will be reported in future Sustainability Reports or Environmental Performance Reports.
	Disclosure 305-4 GHG emissions intensity	20	<a href="#">ON GREENHOUSE GAS EMISSIONS</a>
	Disclosure 305-5 Reduction of GHG emissions	19	<a href="#">ON GREENHOUSE GAS EMISSIONS</a>
	Disclosure 305-6 Emissions of ozone-depleting substances (ODS)	---	<b>Omission</b> due to unavailable/incomplete information <b>Explanation:</b> At the date of issuance of this report, this information was not systematized for treatment. The information requirements are being evaluated so that, as far as feasible, it will be reported in future Sustainability Reports or Environmental Performance Reports.
	Disclosure 305-7 Nitrogen oxides (NOx), sulfur oxides (SOx) and other significant emissions to air	---	<b>Omission</b> due to unavailable/incomplete information <b>Explanation:</b> At the date of the issuance of this report, this information was not systematized for processing. The information requirements are being evaluated so that, as far as feasible, it will be reported in future Sustainability Reports or Environmental Performance Reports.