



**GEOTÉRMICA  
PLATANARES**

An **ORMAT** Company

# E&S REPORT | 2020

*Photo by Harry Henriquez, Mayo 2020*



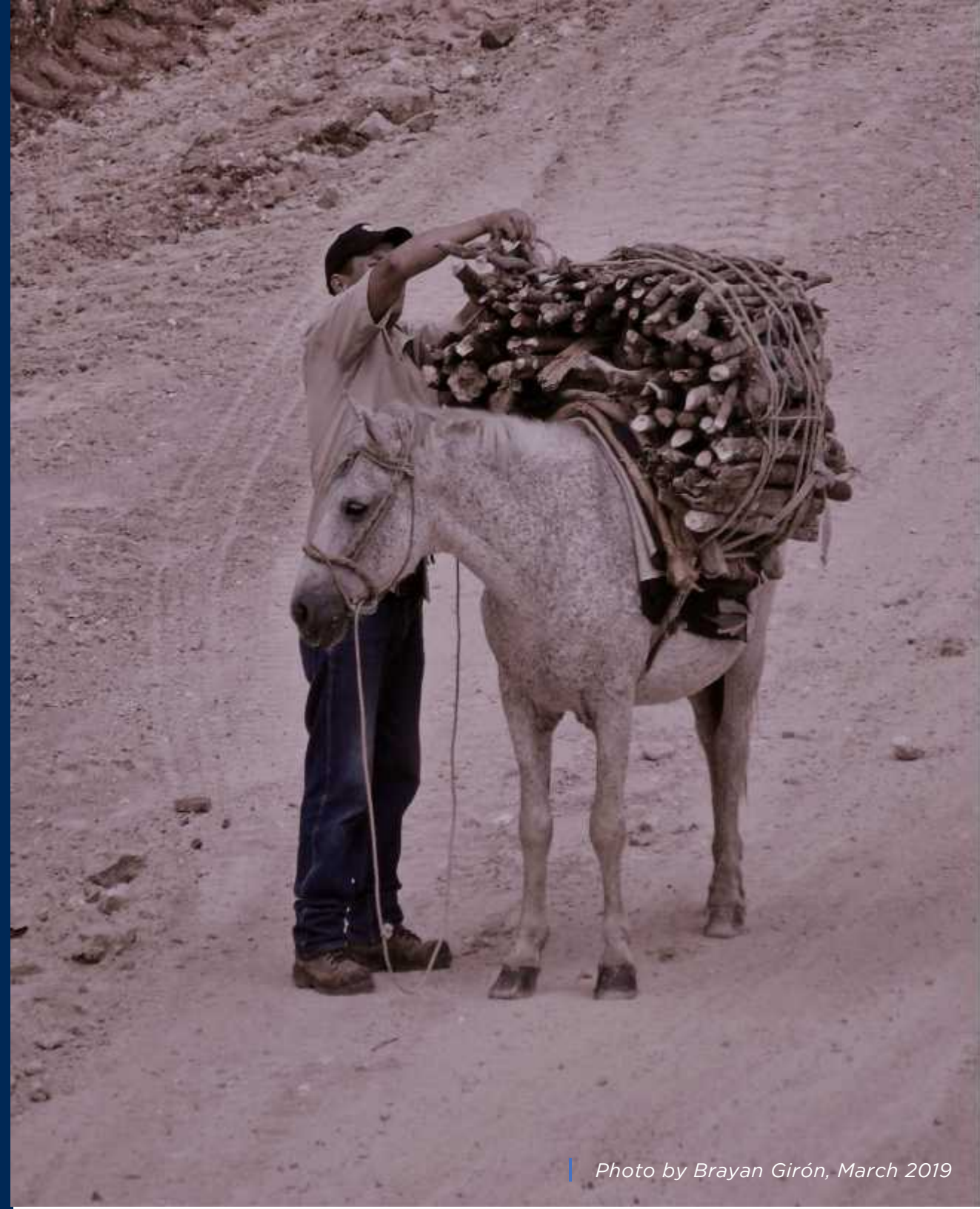
# CONTENTS



Photo by Julio Caballero, October 2020

<b>TO OUR STAKEHOLDERS</b> .....	2
<b>GPS At a Peek</b> .....	2
<b>Corporate Governance</b> .....	2
<b>Our Core Values</b> .....	2
<b>Stakeholder Groups Engaged by the Organization</b> .....	2
<b>Sustainability</b> .....	2
<b>OUR APPROACH TO STAKEHOLDER ENGAGEMENT</b> .....	2
<b>U.N. Sustainable Development Goals</b> .....	2
<b>OUR ENVIRONMENT</b> .....	2
<b>Emissions from Our Power Plant and Operation</b> .....	2
<b>Our Carbon Footprint and GHG Emissions Mitigated</b> .....	2
<b>Energy Use, Efficiency and Fuel Resource Management</b> .....	2
<b>Management of Geothermal By-Products and Water Resources</b> .....	2
<b>Measuring and Controlling Environmental Impacts: Waste, Management of Materials and Biodiversity Conservation</b> .....	2
<b>Waste and Material Management at Our Power Plants</b> .....	2
<b>Biodiversity</b> .....	2
<b>OUR SAFE &amp; HEALTHY</b> .....	2
<b>ENSURING A SAFE &amp; HEALTHY WORK ENVIRONMENT</b> .....	2
<b>Occupational Health and Safety at GeoPlatanares</b> .....	2
<b>National Laws Compliance</b> .....	2
<b>Health &amp; Safety in Our Work with Subcontractors</b> .....	2
<b>Safe Dealing with Hazardous Materials and Emergency Response Plans</b> .....	2
<b>Health &amp; Safety in Our Communities</b> .....	2
<b>Health &amp; Safety in times of Covid-19</b> .....	2
<b>OUR PEOPLE</b> .....	2
<b>Our Outlook on Employment</b> .....	2
<b>OUR COMMITMENTS TO HUMAN RIGHTS AND LABOR AND SOCIAL STANDARDS</b> .....	2
<b>Subcontractors</b> .....	2
<b>Equality in Employment</b> .....	2
<b>Collective Bargaining Agreements</b> .....	2
<b>Benefits for Full-Time and Temporary Employees</b> .....	2
<b>Parental Leave</b> .....	2
<b>Frameworks for Employee Engagement and Promoting Well-Being in the Workplace</b> .....	2
<b>Grievance Mechanism</b> .....	2
<b>Training and Educational Opportunities for Our Employees</b> .....	2
<b>COVID-19 - Working from home or special shifts</b> .....	2
<b>OUR COMMUNITIES</b> .....	2
<b>Resilience</b> .....	2
<b>Supporting and Shaping Sustainable Communities during harsh times</b> .....	2
<b>2020 and Our “Digital” Open Doors</b> .....	2
<b>Community Engagement and Handling Grievances</b> .....	2
<b>Designing a Social Action Plan According to the SDGs</b> .....	2

# TO OUR STAKEHOLDERS







**STEERING A SUSTAINABLE PATH FORWARD**

To our Stakeholders,

I'm honored to be leading Ormat as its new Chief Executive Officer ("CEO") and to have the pleasure of reporting to you, our valued stakeholders, on Ormat's sustainable activities, achievements and challenges. This report highlights our efforts and initiatives in supporting sound environmental, social and governance activities and the progress in our global company.

Ormat's more than 1,400 employees worldwide<sup>1</sup> see a shared path forward as we continue our mission of leading the geothermal energy market and becoming provider of scalable renewable energy solutions around the world. Renewable energy resides at the core of our business model, and developing reliable, environmentally and socially responsible solutions has been a central tenant of our value proposition since Ormat was established in 1965.

At Ormat, we not only believe, but act on our belief, that renewable energy is the most reliable and resilient way to secure the world's energy future. Every person, community, country and geography can be positively impacted when renewable energy options are introduced into the energy mix. In addition to reducing environmen-

tal impacts and mitigating climate change, renewable energy is proven to exert a positive and often profound influence on economic and societal well-being.

As we publish Ormat's 2019 Sustainability Report, we remain committed to the pivotal role we play in building a safe and secure energy future for all. In the seven years I've served the Company, I have seen firsthand how Ormat's executive leadership and employees across the globe bring creativity, breakthrough thinking, stability, technological knowledge, talent and commitment to work with them every day. Inside this report, we provide a detailed overview of how this collective effort is improving and empowering our world in achieving a sustainable energy future.

**EXPANDING OUR MARKET REACH**

The growing global demand for renewable energy is a significant cornerstone of Ormat's continued expansion and success to date. It has enabled us to serve additional markets, notably in the Americas, Eurasia, and Southeast Asia, and is the basis upon which we plan our future growth. This increased demand is also a major driver of our continuous technological and operational innovations that are implemented in our own power plants and which we deliver to our worldwide customers.

In the past five years we've supplied almost 50 new power plants, totaling approximately 1,200 MW. These additions push our Ormat-manufactured renewable facilities to include more than 190 plants that have a combined generating capacity of 3,200 MW.

In 2019, Ormat earned record total revenues of \$746 million, a 3.7% increase over 2018 total revenues. Our Electricity segment and our Energy Storage & Management segment are key drivers of these year-

over-year gains.

Looking ahead, our business model emphasizes expanding our Electricity segment and becoming a significant player in the Storage market. Our focus will be on the addition of capacity to existing power plants, building new power plants, and making acquisitions while developing new renewable power plants and infrastructure and establishing a strong market position in the Storage market. We believe this expansive approach broadens the access to renewable energy for our customers and is a vital economic and social enabler. Increased access to clean, reliable renewable power enhances living standards, fuels local enterprise and offers a myriad of possibilities to developing economies.

In 2019 Ormat's portfolio of renewable energy assets, which include geothermal, recovered energy generation and solar, generated an aggregate 6,238,272 MWh (net) of electricity, while producing 7.1 million tons less<sup>2</sup> of greenhouse gases in comparison to non-renewable technologies, such as coal. In this way, Ormat can minimize the harmful environmental impacts associated with carbon combustion for ourselves, our customers, and their end users.

**TRANSITIONING SENIOR LEADERSHIP**

I am delighted to serve Ormat as CEO, an appointment that took effect on July 1, 2020. Prior to joining Ormat in 2013 as Chief Financial Officer, I held executive financial roles in several leading infrastructure, real estate and software development firms.

This recent management transition was the result of long-term planning and collaboration with Ormat's Senior Management Team and Board of Directors. We worked to ensure that the process was transparently communicated to our stakeholders.

I'd like to extend our deep gratitude to Mr. Isaac Angel, who exhibited extraordinary commitment to Ormat during his six years as the Company's CEO. His energetic vision steered our path wisely, leading to consistent growth and profitability. We are very pleased Mr. Angel will continue to support our efforts as the appointed Chairman of Ormat's Board of Directors.

Another important appointment that took place on May 10, 2020 is that of Mr. Assaf Girzburg, who now serves as Ormat's Chief Financial Officer. We welcome him to this vital role and look forward to his strategic stewardship and financial guidance.

I'm extremely enthused about what Ormat will continue to contribute to the renewable energy sector. Our sustainability track record is strong, as is our commitment to pioneering research, collaborating to develop new technologies, and promoting industry expansion.

**RESPONDING TO COVID-19**

I must acknowledge the unprecedented challenges brought by the COVID-19 virus, which arrived late in 2019 and has impacted our society on both a personal and professional level. The health and safety of Ormat employees, our contractors, constituents and the communities in which we live, work and do business, are of utmost importance to us. You'll find more on how our team has risen to this challenge and persevered in the content of this report. Throughout this global pandemic, Ormat will continue following stringent protective measures necessary to safeguard the health, and safety of every stakeholder. This includes adhering to all government regulations and maintaining clear, comprehensive plans and protective measures for employees who work in our energy plants, manufacturing facilities, offices and elsewhere.

**ADVANCING OUR ESG FRAMEWORKS & COMMITMENTS**

Ormat is committed to continuous, transparent communication. This 2019 Sustainability Report is our second published in alignment with the GRI's reporting standards CORE option. This enables us to expand coverage on sector-relevant environmental, social and economic impacts across our value chain.

In addition to this comprehensive reporting effort, Ormat is actively engaged in adopting and reporting on other recognized sustainability disclosure initiatives. These include the Carbon Disclosure Project (CDP) and initial adoption of certain aspects of risk management frameworks such as the Task Force on Climate-Related Financial Disclosures (TCFD). We also continue to report on the direct and indirect contributions of our business activities and community engagement on achieving the United Nations' Sustainable Development Goals (SDGs), as we now enter the decade of action for the 2030 Agenda for Sustainable Development. We recognize the value these efforts offer for our stakeholders, and Ormat's business itself, as well as the importance of being open and honest about our successes, as well as our challenges. In our view, transparency supports learning and continuous improvement.

Further important advances that fit into Ormat's sustainability reporting framework includes our new Environmental and Climate Change Policy, which, as of the publication of this report, is available on Ormat's website at the following [link](#).<sup>3</sup> Ormat has also taken actions to implement a new Human Rights and Labor Policy, Stakeholder Engagement Policy, as well as to adopt measures to improve the diversity of our management team.

Thank you for your continued interest in Ormat and our sustainability performance. Despite the climate change and human health challenges we face today, I'm confident that our employees and key stakeholders will continue to deliver breakthrough renewable energy solutions at a global scale. At Ormat, we envision a vibrant renewable energy future and we invite you to learn more about how we are making it happen by reading this report.

Sincerely,



Doron Blacher  
Chief Executive Officer





| Photo by Joseph Rivera, February 2020

Dear Stakeholders,

At Geotérmica Platanares S.A. DE C.V. as the first and only geothermal company in Honduras and as a subsidiary of Ormat Technologies Inc. World a leader in the field of geothermal energy, we are excited to present you our third sustainability annual report using the GRI methodology in the core level.

**Our People, Local Employment,**

We strongly believe our human resource is the fundamental pillar for the fulfillment of our sustainable development objectives. So, day by day we ensure that each of our employees has the training and specialization in each of the areas in which they develop having education programs and training plans for professional enrichment.

**Development and Sustainability**

We faithfully believe in the commitment to generate a positive impact in our communities of direct and indirect influence. Doing so through the highest international standards such as the Sustainability Development Goals of the United Nations, the IFC Performance Standards and the Global Compact Principles amongst other we make sure to have a positive impact in the Economic, Environmental and Social material issues, Impregnating all our business values in our employees in order to be totally transparent, responsible and ethical in each of the projects we undertake with which we directly influence education, environment, infrastructure, health, safety and social welfare in our communities.

**Approach to Covid-19 and hurricanes**

2020 represented a year of many challenges to the world and even more

so for Honduras that going through a global pandemic was attacked by 2 consecutive hurricanes. Situations that did not stop our projects but rather strengthened our commitment to our employees and our communities.

**Occupational Health and Safety**

Likewise we care about ensuring the health and physical integrity of our employees by providing all the elements of protection and security necessary for the development of operational activities and also involving all the members of the company in the process of continuous improvement as far as health and safety is concerned through the Observations and Suggestions of safety , as a company concerned about compliance with national and international regulations we have procedures, manuals and emergency plans validated by the national authorities which guarantee the operational safety of our work.

**Environment and Climate Mitigation**

As every year since we started the development, construction and operation phases of the plant we have been in adherence to all environmental compliance measures even going a little beyond them having reforestation campaigns in conjunction with the Environmental Units of the municipalities and above all monitoring the trees planted. As part of corporate sustainability, we have improved our internal environmental management by implementing environmental control measures in each of our operational activities.

**Management of the Resource**

Being a renewable energy generation company, we assert the renewable part since we are constantly in the review and improvement of our operational



processes in the same way we seek the continuous monitoring of the annual maintenance plan this in order to ensure the optimal performance of each of our elements in the generation process.

Ormat is concerned about the proper use of the geothermal resource so it is constantly monitoring it and carrying out studies and tests in order to ensure that the closed cycle of the geothermal fluid is being complied with which allows its long-term use for the totally clean generation process free of contaminants.

We cherish your interest in Geotérmica Platanares and our sustainability performance. I truly believe that together with our employees and key stakeholders we will remain to bring renewable energy solutions to Honduras. Thanks once again and we invite you to learn more about how we are making a green world by reading this report.

Sincerely,

*Josué Arita*  
**JOSUÉ ARITA**

**PLANT MANAGER**



# GPS At a Peek

## WHO WE ARE

Geotermica Platanares S.A. de C.V., ("GeoPlatanares", "GPS", "We", "Our", "Us", or "the Company") develops its 38 MW geothermal generation plant in Campo Platanares, Community of San Andrés Minas, municipality of La Unión, Copán, Honduras. Placed at the western of the country about 26 km from the border with Guatemala, 16 km west of the city of Santa Rosa de Copán.

As an Ormat subsidiary our headquarters are located in Reno, Nevada and our major manufacturing facility is located in Yavne, Israel. As of the date of this report, Ormat operates power plants that are in the U.S., Honduras, Indonesia, Kenya, Guatemala, and Guadeloupe (French Caribbean).

Ormat Technologies, Inc. ("Ormat" or the "Company") is a leading renewable energy Company with over five decades of experience. Ormat is vertically integrated - engaged in the execution of all stages of development and energy generation - at our geothermal and recovered energy power plants. These stages include exploration, development, drilling, design, manufacturing, construction, and operation of our geothermal and recovered energy power plants. We are also expanding into the solar Photovoltaic ("PV") and energy storage and management services business and provide integration services for our energy storage sector clients. Our Ormat Energy Converter - a power generation unit that



converts heat into electricity - is the basis for the solutions and services that we offer our diverse array of customers.



At Ormat we design, develop, build, sell, own, and operate our clean, environmentally friendly geothermal and recovered energy-based power plants, usually using equipment that we design and manufacture in-house. Our objective is to become a leading global provider of renewable energy and we have adopted a strategic plan to focus on several key initiatives to expand our business.

GeoPlatanares reports openly and continuously on our sustainability progress to our customers, employees, community members, shareholders, regulatory and government representatives, and others in the renewable energy sector.

This is the third E&S report we have produced that materially reference the Global Reporting Index's (GRI) guidelines at the Core level. We'll have our full sustainability report published in 2022, in closer alignment with the GRI guidelines, as well as the United Nations Development Program's Sustainable Development Goals (SDGs) and the IFC's Performance Standards, as we are currently in the process of defining our long-term sustainability goals. In the short-term this report captures key progress we've made in 2020.

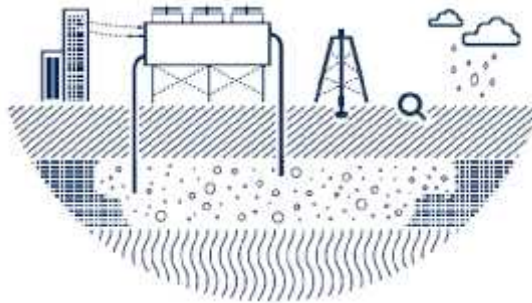


## GEOTHERMAL POWER PLANTS

Geothermal power is a clean, practically emission-free renewable energy resource generated from reservoirs of hot water that are heated by magma, deep beneath the earth's surface thus producing steam and brine, which are used to turn our geothermal power plants' turbines and produce electricity.

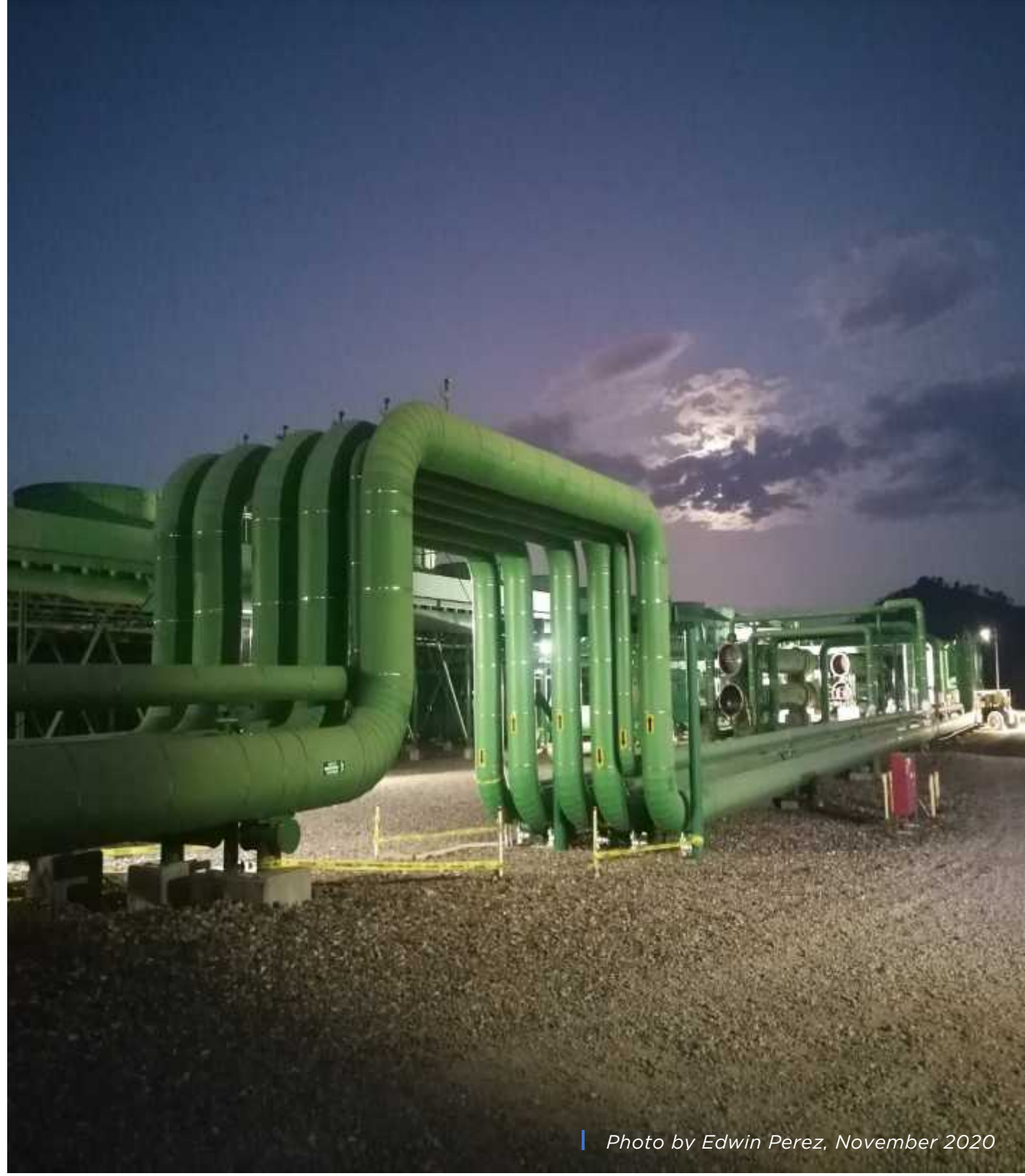
Geothermal energy power plants harness a natural and locally available energy source and enables providing baseload electricity 24/7. Most importantly, geothermal energy offers an environmentally friendly energy alternative. Furthermore, unlike electricity produced by burning fossil fuels, electricity produced from geothermal energy sources is produced without emissions of certain pollutants such as nitrogen oxide, and with little emissions of other pollutants such as carbon dioxide. As a result, electricity produced from geothermal energy sources contributes significantly less to climate change than energy produced by burning fossil fuels. In addition, compared to power plants that utilize other renewable energy sources, such as wind or solar, geothermal power plants are available all year-long and all day-long and can therefore provide base-load electricity services. Geothermal power plants can also be custom built to provide a range of electricity services such as baseload, voltage regulation, reserve, and flexible capacity. Geothermal energy is also an attractive alternative to other sources of energy, and supportive of a diversification strategy to avoid dependence on any one energy source or politically sensitive supply sources.

Geothermal Power  
(Figure 2)



## OUR CUSTOMER

Our purchaser is Empresa Nacional de Energía Eléctrica (ENEE) a state-owned utilities entity and we operate our facility pursuant to rights granted to us by the governmental agencies under concession agreements.







# Corporate Governance

## SOUND CORPORATE GOVERNANCE IS A TOP PRIORITY

Geotermica Platanares is a subsidiary of Ormat Technologies, Inc. therefore, sound corporate governance is a top priority due to our nature as a publicly traded and global renewable energy Company. Furthermore, as part of its web of global operations and due to the nature of our business, our success is also dependent on the approval of regulators and policymakers for issuing permits and approving the development, construction and operation of our power plants. In addition, we work with a number of major financing institutions in order to fund the construction of our plants, which necessitates that we maintain a transparent and open approach to disclosure regarding our corporate governance and economic management practices. Finally, we believe that sound corporate governance is important as it maintains our level of accountability and disclosure with our stakeholders. Therefore, at GeoPlatanares we devote significant resources to managing corporate governance and, where possible, toward improving our performance or our level of disclosure.

Ormat's Corporate Governance Guidelines, our Code of Business Conduct and Ethics, Code of Ethics for Senior Executives, and Anti- Corruption Policy outline our relevant




corporate governance practices regarding anti-corruption and the expectations our Company has for good governance and business practices. All new Ormat employees and senior officers of the Company must sign a compliance certificate stating their intention to uphold these standards, as a condition of employment.

In terms of our corporate values, our corporate governance practice is defined by honesty, openness and fairness, and we expect all our employees, and especially our leaders to exhibit these qualities at all times. By integrating these values and more into our corporate governance practices, we work towards ensuring the stability of our company as well as expressing our full commitment towards transparency, fairness, and good business practices with our stakeholders.






**GEOTÉRMICA PLATANARES** is built on these core values, which are reflected in the way we conduct business each day. We believe that our employees, managers, and directors must consistently demonstrate honesty, openness, and fairness in their dealings with each other, with our customers and with our community.




- **CONSTANT RENEWAL.** has kept Ormat at the forefront of renewable energy development since our first turbine design back in 1965. It's a promise that we fulfill by continually seeking out new challenges, by advancing new technologies, entering new fields and testing out new business models - a promise that is the basis for our sustainable value proposition.

Photo by Brayan Girón, November 2020




- **STABILITY** is a core value that has helped establish and sustain our Company over the years. We strive to implement long-term action plans and to advocate for thoughtful, well-planned renewable energy developments supported by firm financial foundations. In addition, we believe that a stable workforce, technology, product and operations are all hallmarks of an organization with well-integrated sustainable management systems.



- **FULL COMMITMENT** to our stakeholders and a sustainable future is a value central to our brand's promise. That means that wherever we operate, we are fully committed to delivering safe, reliable, clean renewable energy products and services that minimize environmental impacts and promote a clean energy future for generations to come.

Photo by Brayan Girón, February 2020



- **COURAGE** comes from leveraging our collective knowledge, experience, prudent risk management and unwavering focus to deliver the very best results for our customers.

Photo by Heri Ramirez, March 2020



- Finally, **CREATIVITY** is a core value that reflects our appreciation for the uniqueness of our stakeholders and our understanding that creativity is vital to delivering robust solutions that can



# Sustainability



## STAKEHOLDER ENGAGEMENT POLICY

(Amended as of December 31, 2018)

### 1. ABOUT THIS POLICY

This is the Stakeholder Engagement Policy for Ormat Technologies Inc. (with its subsidiaries: "Ormat"). This policy aims to foster a framework for productive, transparent and equal relations between Ormat and its Stakeholders. For the purposes of this policy "Stakeholders" are: customers; employees; shareholders; financing bodies; public authorities; policy makers; regulators; local communities; social and environmental non-governmental organizations (NGOs); the media and academia.

### 2. PRINCIPLES OF STAKEHOLDER RELATIONS

In conducting relations with its Stakeholders, Ormat works to promote and adhere to the following basic principles and commitments:

- Establishing and maintaining sustained, systematic and proactive channels of dialogue with Stakeholders, with the goal discussing expectations and taking into account key interests, concerns and needs;
- Maintaining and communicating engagement mechanisms for involvement in the communities in which Ormat operates;
- Sharing information with Stakeholders based on Ormat's values of *Stability, Full Commitment, Creativity, Constant Renewal and Courage*, with the goal of fostering mutual trust and credibility, which are the foundations of Ormat's relationships with its Stakeholders.

### 3. OVERSEEING AND IMPLEMENTING THIS POLICY

Ormat's management is responsible for the design, approval, supervision and implementation of Ormat's Stakeholder Engagement Policy. Grievances, questions or complaints concerning this policy can be submitted to Ormat's whistleblower ethics hotline by telephone at 1-866-294-5535 or via its third party website, [www.ethicspoint.com](http://www.ethicspoint.com). In addition, Stakeholders can send their direct questions to: [info@ormat.com](mailto:info@ormat.com).

ORMAT TECHNOLOGIES, INC.

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[ormat.com](http://ormat.com)

Geotérmica Platanares is a company that understands the inherent value of sustainability as a business strategy, we work to assess our impacts on the environment, society and local communities, as well as relevant impacts for our key stakeholder groups. As a result, we have developed processes for identifying, communicating with and addressing grievances from our key groups of stakeholders. As part of this engagement strategy, and to better understand these risks and opportunities, we engage in on-going stakeholder dialogue and have developed an organization-wide Stakeholder Engagement Policy that can be seen to the left.

At GPS, sustainability is not just another target we aim to achieve; it is at the core of our business and our way of life. GPS was founded and has flourished as a Company whose purpose is to continually renew the earth's energy future, a goal that GeoPlatanares strives to achieve in the spirit of environmental and social responsibility. Sustainability has been part of our corporate DNA since our inception, and propel GPS forward as we seek an even larger platform and position in Honduras renewable energy sector of tomorrow.

## Stakeholder Groups Engaged by the Organization

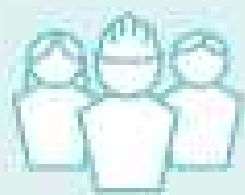
GeoPlatanares regularly engages with various groups of internal and external stakeholders in the context of our business operations. GPS' management and relevant representatives who engage directly with stakeholder groups, in order to better assess the methods of engagement and the material interests of these stakeholders, and as part of the Company's materiality assessment that we conducted according to the best practice recommendations of the GRI, Acorn International surveyed stakeholder groups to verify our management's and the various departmental representatives' assessments of relevant stakeholder groups for us.

The main stakeholder groups that were identified as relevant for the organization are below:





The main stakeholder groups that were identified as relevant for the organization are the following:



Employees



Financing Entities



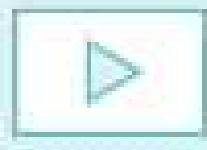
Social &  
Environmental  
NGOs



Customers



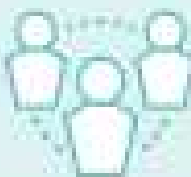
Public Authorities,  
Policy Makers  
& Regulators



Media



Investors &  
Shareholders



Local Communities



Academia

Stakeholder Group	Methods of Communication
<b>Academia</b>	Cooperation with GPS providing support for scientific initiatives and expansion of educational opportunities, and tours at our facility
<b>Costumers</b>	Communication through our website, customer service framework, and on-going sales
<b>Employees</b>	Employee communication portal and newsletters, periodical career and professional performance reviews, participation in employee health and safety committees, organized employee evaluations and open dialogue between employees, managers and human resources representatives, events and conferences for employees.
<b>Financing Entities</b>	Engagement through environmental and social impact assessments, compliance reviews and action plans, annual and quarterly reports, and on-going communication through our finance department, mostly through the investor Relations arm.
<b>Investors &amp; Shareholders</b>	Communication and updates delivered through the investor Relations arm, investors conferences and non-deal road shows, general shareholder meetings, earnings calls and relevant updates, through the "Investor Relations" page on Ormat's website, annual and quarterly reports, SEC filings and newsletters.
<b>Local Communities</b>	Communication through industry organizations, lobbying activities, participation in workshops, conferences and events, compliance reviews and action plans, and on-going communication.
<b>Media</b>	Communication through GeoPlatanares' website, press releases and informational notes, tours at our facility, and on-going communication.
<b>Public Authorities, Policy Makers &amp; Regulators</b>	Engagement through our global Stakeholder Engagement Policy and relevant local communication strategies, tours and meetings at GeoPlatanares facilities.
<b>Social &amp; Environmental NGOs</b>	Active participation in relevant events and conferences, donations, contributions and volunteering activities and cooperation in social and environmental projects and industry initiatives.



## OUR APPROACH TO STAKEHOLDER ENGAGEMENT

GeoPlatanares has developed a business strategy that places both environmental sustainability and social responsibility at the forefront of our activities. Our stakeholders play a central role in the realization of our sustainability strategy and it is our intent is to develop productive and fruitful relationships with these stakeholder groups while also expanding on the opportunities available for engagement with GPS. Our approach to stakeholder engagement is demonstrated in our Stakeholder Engagement Policy which sets out our promise of productive, transparent, and equitable relationships with stakeholders.

### Our Main Channels of Stakeholder Engagement

In addition to these methods of communication on the right, all stakeholders can submit their grievances, questions or comments concerning the Company's activities to [dlopez@ormat.com](mailto:dlopez@ormat.com).

### Our Stakeholders' Key Interests and Concerns

We believe that an adequate and clear understanding of our stakeholders' interests and concerns encourages closer and more productive relationships with our stakeholders. It also helps GeoPlatanares as an organization understand the needs and concerns of those closely affected by our activities where possible. This insight enables us and to refine our business strategy in order to meet these needs and concerns.

### Our Sustainability Strategy - Defining What's Material to Geotérmica Platanares

The figures on the previous page illustrate our system of stakeholders which were taken from the Social Risk Assessment of Platanares Geothermal Project, presented by Acorn International in April 2019. Based on the issues of importance to the company and its stakeholders, as part of our sustainability strategy. Both the stakeholder survey (described in the next page) and the materiality assessment were conducted with the assistance of the independent consultants.



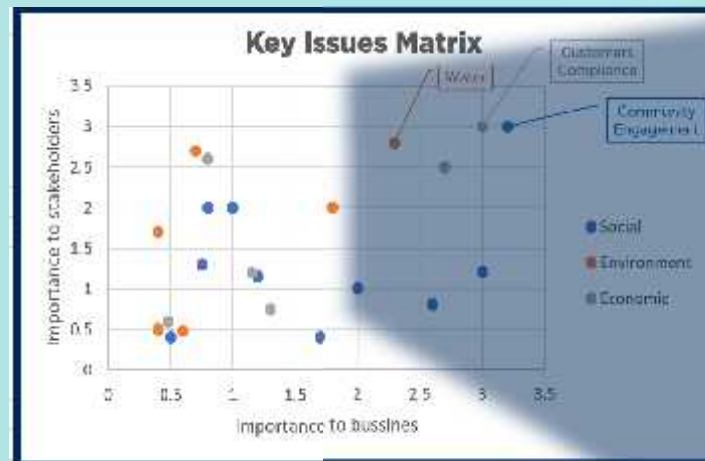
This approach enabled us to maintain objectivity in recording and analyzing the answers from our various groups of stakeholders. The list of issues presented to our stakeholders was compiled based on our understanding of relevant best practices and recommendations for compiling material issues for presentation to stakeholders, such as those indicated in the Sustainability Accounting Standards Board's ("SASB") standards for Electric Utilities and Power Generators, information from the news media and from benchmark studies on relevant issues for our business sector.

The materiality results presented below show the relative correlation between matters of interest to GeoPlatanares' stakeholders and management in accordance with their significance to the Company's impacts on the one hand and our business strategy on the other. These issues – addressed in the scope of this report – reflect the significant economic, environmental and social impacts of the organization together with their degree of influence on the assessments and decisions of our groups of stakeholders.

## Results of the Materiality Survey

The results of the materiality survey in 2019 are presented below in two ways. In the first, the material issues are presented in a graph matrix which groups all material issues together. In the second, the table where the material issues are presented according to their level of significance to both our stakeholders and the Company, and are classified according to Economics & Governance, Environment and Social.

The resulting matrix (see chart) illustrates Community Engagement, Water and Customers Compliance as the social, environmental, and economic issues that may have the greatest impact regarding our business and stakeholders.



<b>Economics &amp; Governance</b>
Customers Compliance Legal & Regulatory Compliance Operational Efficiency Ethical Business Conduct Corporate Governance Executive Compensation
<b>Environment</b>
Water Management Encouraging Green Energy Climate Change Mitigation Brine & Steam Management Waste & By-Product Management Site Biodiversity, Restoration & Preservation Energy Efficiency Greenhouse Gas Emissions from Operations Climate Change Risk & Opportunity Management Air Quality
<b>Social</b>
Community Engagement Occupational Health & Safety Safety & Emergency Planning Ormat's Labor Relations Customer Service Local Employment and Development Employee Training & Development Workplace Diversity Data Privacy & Security Employees' Well-Being Philanthropy and Volunteering



## OUR STRATEGIC COMMITMENTS AND SUSTAINABILITY PLAN

Geotérmica Platanares is committed to principles of Environmental, Social and Governance-related (“ESG”) responsibility - commitments that are achieved through our business activities, policies, frameworks for stakeholder engagement and strategic objectives.

We pursue sustainable innovation and leadership in renewable energy across geothermal energy. This allows GPS to advance existing practices and push forward to improve our performance in ways that minimize material and energy inputs, maximize energy output and our operational efficiency.

For example, one of our established development practices involves the incremental increase of energy production capacity for our geothermal plant. We work to better understand the specific properties of a geothermal reservoir and add new energy generation capacities progressively in stages. As such, we strive to deliver more renewable energy while maintaining substantially the same developmental footprint. Similarly, when it comes to work to fully understand the needs and concerns of the local stakeholder community and to build lasting relationships and specific community engagement programs designed to meet those needs and concerns.

### External Initiatives and Memberships of Association

We endorse several external initiatives that assist us in realizing our environmental, social, and corporate governance commitments.

We participated in the Global Women’s Network for the Energy Transition (GWNET) 2020 Mentoring Programme for Women in the Energy Sector, a programme that is designed to accelerate the careers of women in junior/middle management positions in energy, support their pathway to leadership positions and foster a global network of mentorship, knowledge-sharing and empowerment.



GeoPlatanares sponsored the creation of the “Circular Economy: Practical Guide to Sustainability” a book printed by FUNDAHRSE (Honduran Foundation for the Corporate Social Responsibility) about all the cases on circular economy in Honduras that will be distributed all around Latin America by the Embassy of Netherlands. GeoPlatanares is also one of the cases of study as the production of our energy is a complete closed loop and goes perfectly with Circular Economy.



As an ORMAT subsidiary we sponsored the Women in Geothermal Program (Wing Program), a global network that supports the role of women in the geothermal industry and works to promote gender equality in the sector. We shared information on the organization with our relevant groups of stakeholders and supported the organization’s mission at the 2018 Geothermal Resources Council Annual Meeting.



Geotérmica Platanares is a member of FUNDAHRSE a non-profit, apolitical, non-religious organization whose main objective is the promotion of Corporate Social Responsibility (CSR), understood as a continuous commitment of companies to contribute to sustainable economic development, improving the quality of life of its employees and their families, as well as the local community and society in general.

In 2020 Geotérmica Platanares became a creditor for the first time of the FUNDAHRSE Seal of Socially Responsible Company, which is a recognition designed to annually recognize Honduran organizations that demonstrate Responsible Practices internally and externally to the company.

With the highest rank of the evaluation of the companies for year 2020 it also became the youngest company (3 years of production) to be a creditor of such recognition.







# U.N. Sustainable Development Goals

## Contribution to the United Nations' Sustainable Development Goals (SDGs)

The United Nations (UN) adopted the Sustainable Development Goals (SDGs) as part of the 2030 Agenda for Sustainable Development (the "2030 Agenda"). The 17 SDGs and the related 169 targets were designed to address the world's most pressing social and economic issues. Furthermore, businesses play a role in achieving the SDGs, while the goals simultaneously present businesses with unique opportunities for engaging in innovation, social impact projects, managing risks, improving relationships with stakeholders and for developing a common and shared language for their social and environmental sustainability programs.

As a leading renewable energy Company with global operations, GeoPlatanares recognizes the role we play in achieving the SDGs and the related targets in our countries of operation and through our activities. We strive to address relevant SDGs through our business activities and social and environmental engagement plans for local communities.

The following table details the most relevant SDGs and targets that we address through our business activities and social and environmental engagement plans:

GeoPlatanares as an Ormat subsidiary we have reported on our Greenhouse Gas ("GHG") emissions to the CDP since 2018. You can read more detailed information in "Our Communities" section.

SDG	Relevant targets	Relevant business activities
	<ul style="list-style-type: none"> <li>)] 7.2: Increase substantially the share of renewable energy in the global energy mix.</li> <li>)] 7.2: Increase substantially the share of renewable energy in the global energy mix.</li> <li>)] 7.A: Enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.</li> <li>)] 7.B: Expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programs of support.</li> <li>)] GRI Disclosure 302-1</li> <li>)] GRI Disclosure 302-2</li> </ul>	<ul style="list-style-type: none"> <li>)] We provide recovered energy generation and energy storage, which help a variety of renewable energy solutions to work to scale.</li> <li>)] We work with governments and through international frameworks to promote our renewable energy solutions, including support for research and development in the geothermal and energy storage fields, collaborations with relevant industry organizations and with leading renewable energy companies.</li> <li>)] We introduce our renewable energy technologies in the developing world to support national renewable energy goals and international commitments in those countries.</li> </ul>
	<ul style="list-style-type: none"> <li>)] 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.</li> <li>)] GRI Disclosure 201-2</li> </ul>	<ul style="list-style-type: none"> <li>)] We analyze our risks and opportunities in terms of climate change impacts, and work to assess how our business and operational activities impact the likelihood of climate change and other environmental impact scenarios. This includes reporting on our own energy use and CO2 production.</li> <li>)] Our core offering - geothermal energy - is renewable, thus reducing use and concomitant burdens of non-renewable energy use among our customers</li> </ul>

# OUR ENVIRONMENT



*Photo by Joseph Rivera, August 2020*



## Mitigating Climate Change Risks and Working to Realize New Opportunities

We developed and manufactured our geothermal power plant with a capacity of 38 MW since our Company was established in 2005 and we are proud to note that our power plant operates without fossil fuel consumption as a general rule. At GeoPlatanares, we are motivated to mitigate climate change risks, reduce our greenhouse gas emissions, advance energy efficiency, and promote the use of renewable energy sources. These aims lie at the heart of our business and represent our key value proposition for our customer. They also have been identified as one of the highest priorities by the stakeholders who participated in our materiality assessment and the ongoing stakeholder engagement.

### **Emissions from Our Power Plant and Operation**

Our geothermal power plants have negligible levels of emissions. That said, we actively work towards the reduction of the GHG<sup>1</sup> emissions generated through our operations and business practices, which includes commitments to mitigate any subsequent climate change effects. The consolidation approach for the calculation of our carbon footprint is financial and operational control. In order to improve the internal measurement of our GHG emissions, we have expanded our methods for data collection from our operational site this year, with the goal of estimating our level of impact and generated emissions. We make concerted efforts to both track and minimize all of our emissions including our direct (Scope 1) and indirect (Scope 2) GHG emissions from our power plant and operations, and to regularly report on our progress to the Honduran Ministry of Environment.

*As an Ormat subsidiary we have established a target for a 5% reduction per revenue in Scope 1 and 2 emissions by the end of 2021, measured against the 2019 base levels discussed above. Our progress towards this goal will be reviewed annually, and will be reported in the 2021 Sustainability Report*



**Our Carbon Footprint and GHG Emissions Mitigated**

The **Scope 1 emissions for 2020 totaled 47.55 tons CO<sub>2</sub>(e)**. Most Scope 1 emissions arise from the generation of our geothermal energy, which is sold to our clients and consumed internally as the auxiliary power of our geothermal power plants. Our geothermal power plant operates with 100% reinjection of the geothermal resource and therefore do not generate emissions. Additional emissions under Scope 1 derive from our use of vehicles at our facility, which are employed for travel, maintenance, and logistics, the use of diesel backup generators to provide power for ongoing operations in the event of planned or unplanned outages or maintenance shutdowns, and from air conditioning units used in our offices.

The **total Scope 2 emissions for 2020 from purchased electricity consumption off the grid at our offices in San Pedro Sula, was 0 tons CO<sub>2</sub>(e)** due to the lock down of the offices during 2020 due to the pandemic policies of Honduras. The relevant emissions are calculated according to an emissions factor of zero. In 2020, self-consumption at our manufacturing facility totaled 34,779 kWh.

The energy generated sold to the local electrical utility was 306,984,810 kWh and resulted in the **avoidance of emissions totaling 19,290.69 tons of CO<sub>2</sub>(e)** in 2020. Note that the reported GWh is not counted as part of our calculation of direct and indirect emissions as the electricity generated is sold to utilities and is counted as part of their own emissions reporting.

This year we have expanded our calculations to include waste on paper or cardboard as part of our **Scope 3 emissions, which totaled 0.42 tons CO<sub>2</sub>(e)**.

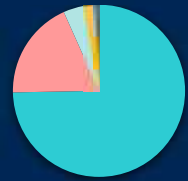
Our renewable energy power plants emit practically no GHG emissions and thus we enable our customers to control their own levels of emissions and the resulting climate change effects. As such, these issues were identified as material by our key groups of internal and external stakeholders.

Geoplatanares after evaluating the alternatives shown in the guide and given that it is a company committed to making substantial contributions against climate change as established in the Sustainable Development Goal (SDG) number 13 of Climate Action, it is committed to achieve as far as possible the goals established below:

- ) Renew within the next 5 years, 2 of the 5 vehicles in the vehicle fleet, preferably the oldest ones and with the highest mileage, for modern models with lower emissions.
- ) Renew the forklift for a new one within the next 3 years.

We continue to make efforts to increase the energy efficiency of our facilities in line with

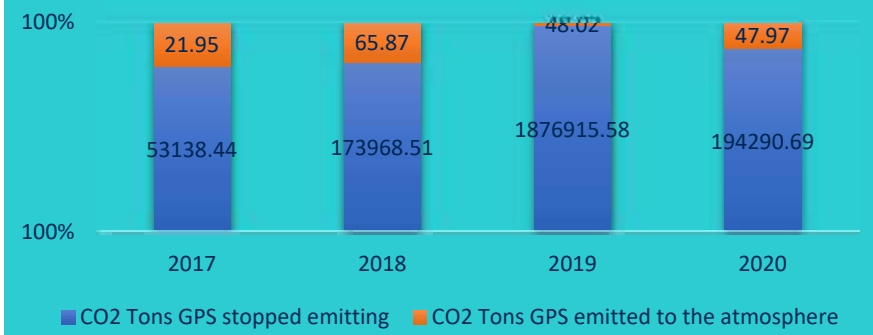
**% Emission CO<sub>2</sub> (Ton), Geoplatanares, 2020**



- Vehicles (Diesel)
- Lift truck (Diesel)
- Generator (Diesel)
- Generator (Gasoline)
- Gas recharge refrigeration R410A
- Consumption of Electric Energy
- Waste (paper / cardboard)

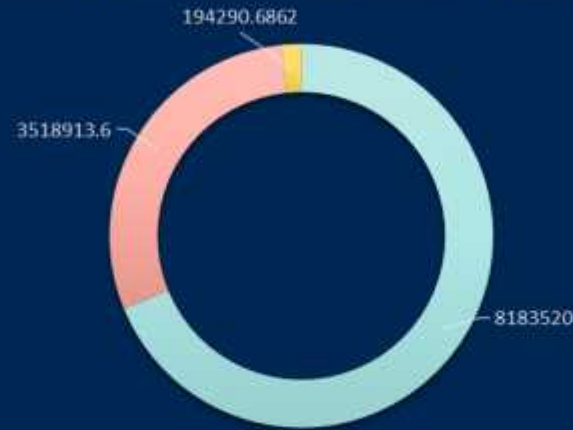
Carbon Footprint		Company: Geotermica Platanares S.A de C.V			Year: 2020		
Scopes	Fuente - Actividad	Date Activities		Emission Factor	Emission CO2 (Kg)	Emission CO2 (Ton)	
		Amount	Unit				
PARTIAL RESULTS	Scope 1 (Direct)	Vehicles (Diesel)	16067	Liters / year	2.2307	35840.66	35.84
		Lift truck (Diesel)	4002		2.2307	8927.26	8.93
		Generator (Diesel)	810		2.2307	1806.87	1.81
		Generator (Gasoline)	370		2.62694	971.97	0.97
	Gas recharge refrigeration R410A	0	Kg	2088	0.00	0.00	
Scope 2 (Indirect)	Consumption of Electric Energy	0	0	0	0.00	0.00	
Scope 3 (Indirect)	Waste (paper / cardboard)	410	Kg	1.03	421.88	0.42	
<b>TOTAL EMISSIONS SCOPES 1+2+3</b>					<b>47968.63</b>	<b>47.97</b>	

**Geoplatanres Stopped emission vrs emitted emission**





## CO2 Produced in Honduras vs CO2 Reduced by Generation of Renewable Energy (Geothermal)



■ Estimation of annual ton - CO2 emissions in Honduras (2020) (Tons CO2)

■ Approximately 43% of the CO2 emissions in Honduras correspond to the energy sector (Tons CO2)

■ Geoplatares support to the generation of renewable electric energy and reduction of CO2 emissions approximately (tons CO2)

### Electricity Consumption in the Organization (GJ)

Electricity Consumption	125.2 GJ
-------------------------	----------

### Electricity Sold by the Organization (GJ)

Electricity Sold by the Organization	1,105,145.32 GJ
--------------------------------------	-----------------

GEOPLATANARES IMPROVEMENT PLAN		YEAR					
		2018	2019	2020	2021	2022	2023
Units	Reduction of Expected Emissions	0	1000	1500	3000	3500	4000
Kg CO2 eq	Annual Total Emissions	60832	48020	48000	45000	41500	37500
Ton CO2	Annual Total Emissions	60.83	48.02	47.97	45.00	41.5	37.5

- )] Carry out selective recycling starting in 2021 in order to be able to calculate waste by fraction and reduce scope 3 emissions.
- )] Provide continuous maintenance to the plant's generators.

With the application of these measures, the carbon footprint reduction plan foresees and reports that GeoPlatanares is expected to reduce its emissions theoretically as shown in the table on the left.

We continue to make efforts to improve the energy efficiency of our facilities, in line with our overarching mission and commitment to renewable energy.

We consistently consider GHG KPIs as part of our general efforts to improve our business practices and will consider setting additional GHG KPIs moving forward.

### Energy Use, Efficiency and Fuel Resource Management

GeoPlatanares strives to ensure optimization and ultimate efficiency in its use of energy resources throughout our value chain and in our internal operations. As an energy generator, we seek to improve our efficiency by using advanced technologies and equipment in order to optimize the energy generated by our power plants. As an energy consumer, we work to improve performance through designated action plans and by raising employee awareness regarding the use of energy in our operations, offices, buildings, facilities and transportation.

### Energy Consumption in the Organization

The fuel consumption figure in terms of energy (GJ) is obtained from direct measurement of the fuel used at our facility based on its calorific value (NCV), and applying the accepted units of fuel conversion from the "UK Government GHG Conversion Factors for Company Reporting".

The internal electricity consumption within the organization and the total amount of electricity generated and sold by the organization was calculated using inputs on energy purchased or generated, and using the following formula: electricity (GJ) = electricity (MWh) x 3.6 GJ/MWh

### Efforts to Improve Energy Efficiency

We make concerted efforts to monitor and reduce our energy consumption. We have the commitment to encouraging the responsible use of energy resources at all levels of the Company. Some of the Company initiatives we have implemented lately include refurbishing our facility with LED lighting, installing more efficient air conditioning and cooling units and setting goals for improving the energy efficiency of our manufacturing facilities.





*Photo by Brayan Girón, October 2020*

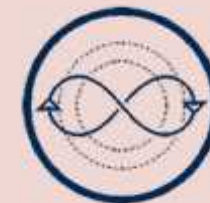


## Management of Geothermal By-Products and Water Resources

The management of water resources are of key importance to GeoPlatanares and our stakeholders. This includes first, the geothermal water (or the geothermal resources, which is composed of water, salts and minerals) required for geothermal energy generation, and water resources which are used in other processes. We work to manage our impacts on the local hydrology and natural environment both through our commitments to various regulatory requirements and in our environmental action plans. Geothermal by-products and water impacts are managed by the power plant managers at our operational sites, while the nature of their activities and initiatives is inspired by our commitment to minimizing environmental and health-related impacts as detailed in our Integrated Quality, Environment, Health and Safety Policy.

## Management of the Geothermal Resource and its By-Products

A key sustainability driver for geothermal power generation is the conservation and recycling of the geothermal resources that carry the heat from deep underground to the geothermal power plant on the earth's surface. We strive to develop geothermal power plants that involve reinjection and recirculation of the geothermal resource in what are known as "closed loop" systems. This method continuously recharges geothermal systems by maintaining consistent geothermal fluid flow and pressures. Reinjection of brine and condensate help reduce production-related pressure drawdown and promote enhanced thermal energy extraction from the heated rocks within the reservoir. Importantly, reinjection also avoids by-products from emitted geothermal steam, mainly greenhouse gases, and the need for disposal of wastewater as well as visual impacts in the form of an emitted plumes from the cooling process.





### Management of Water Resources in Our Operation

We engage with the water resource from La Bufa River to operate our power plant, and offices in Platanares.

We use water resource for the Operation of our power plant: In our air-cooled plant, water resources are used only for maintenance activities and for administrative and domestic purposes (gardening, toilets, etc).

The following table details the volume of water consumption according to its role in various aspects of our operation.

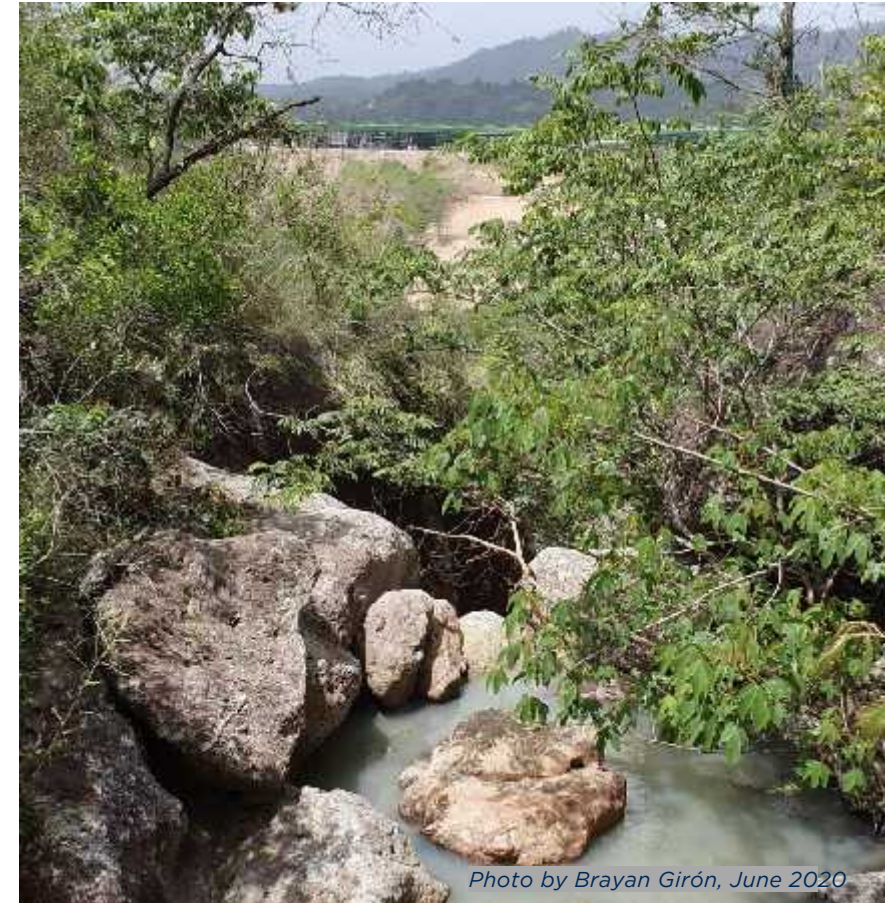
Geoplatanares Water Management		
(1) Total water withdrawn (m3)	2178	
2020 GPS Water withdraw by source		
Receiving water source	Fresh water (La Bufa River)	100%
(2) Total water consumed (m3)	2047.3	

### Impacts of Our Operations on the Local Hydrology and Aquifers

We conduct the necessary studies - including environmental impact assessments - to uncover and mitigate any potentially negative impacts on local hydrology and groundwater systems.

As of 2020, our stakeholders did not submit any material grievances or concerns regarding the management of water resources in the vicinity of our power plant. In addition, and as part of our environmental monitoring efforts, we track the sources of withdrawal for the water resources that we consume.

Sewage water Management		
It is estimated than 70 to 75% of the water consumed was sent to the wastewater treatment plant (m3)		
Water source receiver	Fresh water (La Bufa and Palania Stream River)	100%
(2) Total treated water (m3)	1535.49	



*Photo by Brayán Girón, June 2020*

In 2020, 1,419.95 m3 of water were used for the use of GPS employees in the control room and 115.54 m3 of water for maintenance of the plant, adding up to a total of 1535.49 m3 of water used. It was contemplated for 2020 to be used more efficient water and we lowered it a 41% from a 2018 baseline.

**↓ 41%**

Reduced water use  
(from a 2018 baseline)



## **Measuring and Controlling Environmental Impacts: Waste, Management of Materials and Biodiversity Conservation**

Geotérmica Platanares makes extensive efforts to minimize and mitigate our impacts on biodiversity and to manage our use of materials and resulting waste generation responsibly.

GPS maintains a multi-year plan for the continuous improvement of our environmental performance while constantly monitoring facility performance and reporting any incidents that may occur. In the context of the plan, we take into consideration relevant legal and regulatory requirements, which are continually mapped and monitored together with the standards set by various international operating guidelines and frameworks, such as ISO 14001 is used as a guideline for our activities. In addition, we engage in thorough dialogue with stakeholders, environmental NGOs and local communities to understand their concerns regarding the natural environment and biodiversity surrounding our facilities. We have established a grievance mechanism in most of the communities in our area of operation, enabling the local population to directly submit any issues of concern regarding waste management or biodiversity impacts directly to responsible individuals. We attempt to address any relevant such concerns in a timely and thorough manner.

### **Waste and Material Management at Our Power Plants**

At our power plant, there are relevant local regulations and requirements governing the management, disposal and storage of waste. In order to fulfill the objectives, set out in our environmental action plans and to fulfil relevant standards and regulations, we strictly adhere to and enforce these requirements at our site under the supervision of the power plant manager.

In order to effectively operate our power plant, GeoPlatanares uses flammable materials, including industrial lubricants and organic motive fluids. These are treated according to Honduran regulations governing storage and disposal of these materials.

Additional categories of waste we dispose of and treat at our facility include cardboard and batteries that are recycled by third party contractors, as well as plastic waste, which is collected and properly disposed of through recycling, where possible. In general, our power plant manager is encouraged to improve their waste management and treatment efforts based on the findings of the various environmental impact assessments and according to the relevant regulations managing the disposal of hazardous and non-hazardous waste in their country of operation.

Approximately 22,449 liters of fuel were used in various activities producing an approximate 47.97 tons of CO<sub>2</sub> to the atmosphere, committing ourselves to reduce this number by 2021.

An approximate of 685 kg of organic waste was taken by the cleaning train to the municipal dump; 1708 kg of metal and 7695 liters of oil burned, these last two were recycled, this activity being paramount for sustainable development.

GeoPlatanares has its own treatment plant for wastewater. During 2020 an approximate of 1,518.3 m<sup>3</sup> were returned to the natural environment duly treated.



The following table details the types of hazardous and non-hazardous waste that were generated at our power plant in 2020 and how the waste products and materials were disposed of or treated:

Waste Type (below is all waste types in Ormat in 2018. If there are more you may add)	Hazardous yes/no			Disposal type choose: Reuse, Recycling, Composting, Recovery, Incineration, Deep Well Injection, Landfill, On-Site Storage, other (please explain other)			Weight (kgs)			Comments - including details about the disposal method (especially for hazardous waste)		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
Acid												
Aerosol Cans									25			This waste was sent by garbage truck to the municipal landfill of La Union Copan
Anti Freeze												
Antiseize												
Batteries								20	15			Batteries used was generated, it has not yet been taken to a recycling site, it is currently stored in the plant.
Construction waste												
Dichlorobenzene												
Drilling mud												
Electronic Waste									6			Electronic waste was generated, it has not yet been taken to a recycling site, it is currently stored in the plant.
General waste								800	19,695.40			The increase date respect to 2019 is due to the fact that for 2020 it was calculated as follows: Organic Honduran Environmental waste formula = average number of employees per day (employees) x Density of waste produced per employee per day (kg / employees / day) x days per anus. It is estimated that in Geoplatares there is an average of 28.4 employees per day and an employee can produce on average 1.9 kg of common waste per day, for 365 days a year
Geothermal Scale												
Glycol												
Lacquer												
Lightbulbs - fluorescent												
Lightbulbs - other												
Metal - aluminum								5	8			Aluminium residuos was generated, it has not yet been taken to a recycling site, it is currently stored in the plant.
metal - carbon steel												
Metal - chips												
Metal - general 1	Non-Hazardous Waste			Recycling		Recycling	3618.17	0	100	GPS sold this type of waste to company "INVERSIONES MATERIALES" in San Pedro Sula for recycling	There are no records of metal waste in 2019	The metal generated, a part was reused in community activities such as the preparation of garbage dumps, another part was stored in the plant until a proper final disposal is made with a recycler.
Metal - general 2	Non-Hazardous Waste			Recycling		Recycling	2359.26	0	250	GPS sold this type of waste to company "INVERSIONES MATERIALES" in San Pedro Sula for recycling	No metal waste was generated in 2019. There are no records of metal waste.	The metal generated, a part was reused in community activities such as the preparation of garbage dumps, another part was stored in the plant until a proper final disposal is made with a recycler.
Metal - general 3	Non-Hazardous Waste			Recycling		Recycling	18190.18	0	650	GPS sold this type of waste to company "INVERSIONES MATERIALES" in San Pedro Sula for recycling	No metal waste was generated in 2019. There are no records of metal waste.	The metal generated, a part was reused in community activities such as the preparation of garbage dumps, another part was stored in the plant until a proper final disposal is made with a recycler.
Metal - rust									100		No metal waste was generated in 2019. There are no records of metal waste.	The metal generated for construction department was stored in the plant until a proper final disposal is made with a recycler.
Metal - scrap metal									100		No metal waste was generated in 2019. There are no records of metal waste.	The metal generated for construction department was stored in the plant until a proper final disposal is made with a recycler.
Metal - steel									500		No metal waste was generated in 2019. There are no records of metal waste.	The metal generated for construction department was stored in the plant until a proper final disposal is made with a recycler.
Motive Fluid - isopentane												
Motive Fluid - pentane	Hazardous Waste			Other	Other	Other	7600	21000	19178.8	This is the amount of pentane that has been registered for leaks in the system.	This is the amount of pentane that has been registered for leaks in the system.	This is the amount of pentane that has been registered for leaks in the system.
Motive Fluid - R-134A											No	
Nitric acid solution												
Oil	Non-Hazardous Waste			Recycling	Recycling	Recycling	2300	1344	7695	GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling	GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling	GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling
Oil - Petroleum Solids											No	
Oil filters								2	10		GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling	GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling
Oil removal material												
Oily rags, used filters and other oil contaminated products								5	8		GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling	GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling
Oily water									350			GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling
Paint									12		No	This waste was sent by garbage truck to the municipal landfill of La Union Copan
Paint - epoxy									2			This waste was sent by garbage truck to the municipal landfill of La Union Copan
Paint - thinners									10			This waste was sent by garbage truck to the municipal landfill of La Union Copan
Paper & Cardboard	Non-Hazardous Waste	Non-Hazardous Waste		Landfill	Landfill	Landfill	26	140	165	This waste was sent by garbage truck to the municipal landfill of La Union Copan	This waste was sent by garbage truck to the municipal landfill of La Union Copan	This waste was sent by garbage truck to the municipal landfill of La Union Copan
Plastic waste								457	350		This waste was sent by garbage truck to the municipal landfill of La Union Copan	This waste was sent by garbage truck to the municipal landfill of La Union Copan
Plastic waste - nylons								2	670		This waste was sent by garbage truck to the municipal landfill of La Union Copan	This waste was sent by garbage truck to the municipal landfill of La Union Copan
Radiographic films												
Scale and cleanout byproducts												
Wood - cut branches									400			This waste was sent by garbage truck to the municipal landfill of La Union Copan
Wood - processed wood	Non-Hazardous Waste			Other			300	270	120	This waste was sent by garbage truck to the municipal landfill of La Union Copan	This waste was sent by garbage truck to the municipal landfill of La Union Copan	This waste was sent by garbage truck to the municipal landfill of La Union Copan









## Biodiversity

Our renewable energy solutions are derived from nature itself, and as a result we place utmost significance on assessing the potential impacts on the local biodiversity and the natural and cultural environments surrounding our power plants.

Maintaining the natural biodiversity around our plants is important to a number of our key stakeholder groups, such as local communities, environmental NGOs and financing bodies, among others. Our power plant facility was designed to blend into the surrounding landscape, taking into consideration the actual physical location, the configuration of units that were used to build it, landscaping, and the surrounding natural habitat, among other elements.

For example, our facility has been reconfigured to accommodate larger pumps that can more efficiently extract and process fluids from geothermal reservoirs. This, in turn, may reduce the number of wells that are required to properly exploit a geothermal reservoir, thereby reducing our overall land use while simultaneously enhancing overall facility operational capacity. The installation of more efficient, air-cooling equipment in angled positions is another compelling improvement that has significantly reduced energy consumption and the level of impact on the natural environment surrounding our facilities.

## Reforestation Management

GeoPlatanares reforested 6,000 trees of various native species in 2020, thus contributing to the restoration of the natural ecosystem of the western region of Honduras.

### Municipio de La Unión, Copan

Municipio: La Unión  
 Departamento: Copan  
 Fecha: Julio, 2020  
 Cantidad de Plantas Donadas: 3000  
 Especies: Pino, Gravia y Cedro de India.



Mapa #1. Municipio La Unión, Copan. (Atlas Forestal Municipal ICF, 2015).

### Municipio Santa Rosa de Copan.

Municipio: Santa Rosa de Copan  
 Departamento: Copan  
 Fecha: Junio, 2020  
 Cantidad de Plantas Donadas: 2000  
 Especies: Cedro de la India, Laurel Negro, Gravia, Cedro de Montaña y Pino.



Mapa #2. Municipio Santa Rosa de Copan. (Atlas Forestal Municipal ICF, 2015).

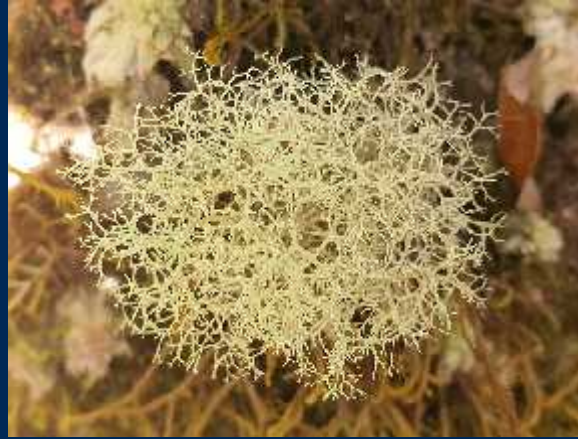
### Municipio Las Flores, Lempira.

Municipio: Las Flores  
 Departamento: Lempira.  
 Fecha: Julio, 2020  
 Cantidad de Plantas Reforestadas: 1000  
 Especies: Cedro mal, Liquidámbar y San Juan



Mapa #3. Municipio Las Flores, Lempira. (Atlas Forestal Municipal ICF, 2015).





Photos by Brayan Girón & Diana Lopez, 2020



**OUR  
SAFE &  
HEALTHY**



*Photo by Brayan Girón, June 2020*



### Occupational Health and Safety at GeoPlatanares

In Geotérmica Platanares the Health and safety is first, so through its management system it provides a framework for the evaluation, mitigation, and management of risks for safety and health at work. Considering its employees, suppliers, contractors, partners, and clients, it also promotes values, establishes objectives and continuously works on the prevention of occupational accidents and diseases.

GeoPlatanares develops activities in accordance with the laws of Honduras and good international practices, which protect health and prevent accidents at work.

We manage risks by identifying, assessing, and controlling risks in our facility, office, and workplace that we own and operate. We promote safety awareness and values and our goal is to report, analyze, learn, and improve performance following every event in order to reduce the number of incidents. We also work to continuously improve our safety performance and to instill a strong workplace safety culture. We strive to go beyond the requirements of the legal regulations to promote the utmost level of health and safety for our employees and other relevant stakeholders. These include safety requirements such as:

- ) Ventilation
- ) fire protection
- ) work at height regulations
- ) personal protection and gear, railings
- ) electric protection
- ) employee training on pertinent issues, among other topics

### National Laws Compliance

We follow the norms established by the general regulations for preventive measures for work accidents and occupational diseases of the Republic of Honduras, Agreement STSS-007-02.

We comply with fire prevention and safety measures in accordance with the law of the fire department in decree No. 294-93. We are certified by the Fire Prevention and Safety Technical Office of the Fire Department based in Santa Rosa de Copan.

Our emergency and contingency plan has the approval Fire Department based in Santa Rosa de Copan.



Photo by Brayán Girón, June 2020



We have a Joint Occupational Safety and Hygiene Commission established and legalized in accordance with article 412 of the labor code and articles 11 to 35 of the general regulations on preventive measures for work-related accidents and occupational work diseases of Honduras.

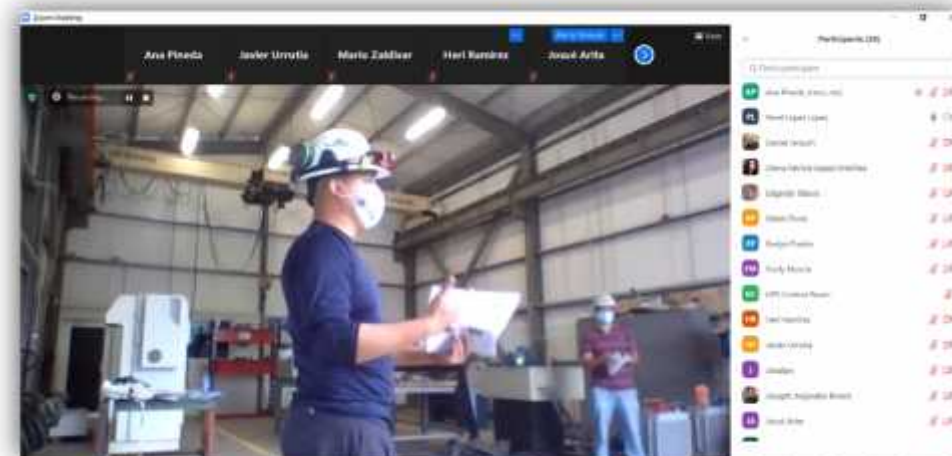
Our employees have representation on GeoPlatanares' health and safety committee. The committee organizes and assess GPS' health and safety program at the corporate level. An employee from each department is nominated to participate in the committee and employees are encouraged to volunteer their participation. In order to expand employee involvement, the employee representatives are rotated each year. Overall, in 2020, 20% of GeoPlatanares employees took part in the safety committees. Whether participating as an employee representative or not, all of GPS' employees are encouraged to communicate their concerns or recommendations to the relevant committees. In 2020, we received over 250 health and safety observations and about 21 of safety suggestions from our employees through our health and safety management platform.

Furthermore, our facility has safety training programs, under the responsibility of the plant manager and the local EHS manager, and which is directed by our GeoPlatanares' joint employee and management health and safety committee. The program seeks to ensure that safety expectations are clearly communicated and understood by all employees and subcontractors, and that comprehensive safety plans are maintained across all GPS operations. We provide regular training in health and safety regulations and procedures and have detailed guidelines in place in case of emergency to monitor health and safety standards on a continual basis. In 2020, we continued our Safety Leadership Training, also known as the ProAct safety training program, as well as to expand employee participation in our SafeStart® health and safety training and implementation program, including integration of the SafeStart® philosophies and practices into our health and safety key performance indicators (KPIs). In addition, we increased employee participation in our behavior-based safety programs, which contributes greatly to maturing and advancing a culture of safety at our organization.



### Safety training list 2020

1. snakes catch	7. Respiratory protection
2. Emergency plan	8. Biosecurity / psychological risks
3. PPE	9. Good ergonomic practices at work
4. Safety concepts	10. Electric risk at work in adverse weather conditions
5. Confined spaces	11. Hand protection
6. Driving safety	12. Warning signs and labels





# HEALT AND SAFETY KPIS 2020

**365**

**DAYS WITHOUT  
ACCIDENTS**

**0**

**TRIR, LTIR AND DART**



## **NATIONAL LAWS**

- OCCUPATIONAL SAFETY AND HEALTH COMMISSION
- CERTIFICATE OF COMPLIANCE WITH FIRE PREVENTION MEASURES

**SAFETY KPIS SCORE=**

**100%**





## Ormat's Integrated Quality, Environment, Health & Safety System Policy

At GeoPlatanares as an Ormat subsidiary we follow Ormat's occupational health and safety program that is focused on four main components:

1. Everyone, Everyday - All Ormat employees are integral to safe operations, each charged with the responsibility to work safely and create and maintain a safe work environment.
2. Management of Hazards - Ormat strives to systematically identify hazards, and then manage them by elimination, isolation or minimization.
3. Safety as a Core Value - Safety is a core value at Ormat.
4. Continual Vigilance - Our goal is to learn and improve our performance following every event in order to reduce the number of incidents. This requires that all employees maintain constant vigilance to ensure that unsafe acts or work conditions are identified, addressed, regulated and prevented, wherever possible.

The plant managers at our operational site and power plant is accountable for implementing relevant Company-level and local health and safety regulations and initiatives through the appointed Environmental Health and Safety (EHS) coordinator. On-site EHS coordinator is additionally responsible for upholding the local conditions, regulations or other agreements, for ongoing record-keeping and reporting and for the training and certification of employees. These EHS coordinator reports to the plant manager and conducts work according to Company-wide EHS initiatives that are set by the Global VP QEHS from Ormat.

Ormat has an Integrated Quality, Environment, Health and Safety Policy that sets out our general commitments towards health and safety principles at our sites and for all our stakeholders.

In addition, our Human Rights and Labor Policy, which is also available publicly on our website, outlines our commitments to ensuring that essential health and safety standards and practices are enforced in the workplace, to developing risk awareness and to encouraging responsible health and safety behavior among employees.





## Health & Safety in Our Work with Subcontractors

In addition to implementing stringent health and safety measures for our employees, we require our subcontractors comply with relevant health and safety regulations as they pertain to our operations, including our own rules, where relevant. In GeoPlatanares standard contract for work with subcontractors, the Company reserves the right to indemnify the services of the subcontractor if the subcontractor violates or infringes upon any relevant laws, rules, regulations or standards pertaining to occupational health and safety of employees. GPS expects its subcontractors to strictly adhere to local health and safety regulations, together with GPS' own expectations, whichever are more stringent. We also require all subcontractors to adhere to our checklist of "Environmental Compliance Responsibilities", which is a list of tasks and necessary milestones that should be regularly reported on to GeoPlatanares by the subcontractor. Some of these requirements include: attending pre-construction conferences to review health and safety expectations, preparing an emergency response plan, maintaining a speed limit of 10 miles-per-hour in the construction area and other environmental controls, such as developing a Storm Water Pollution Plan (SWPP).

## Safe Dealing with Hazardous Materials and Emergency Response Plans

When it comes to hazardous materials. In all cases, the regulated substance is the motive fluid in our power plant; pentane. We typically have small quantities of other regulated substances like solvents, but most do not reach the quantity relevant under the regulation for official treatment. Details on our treatment and dealing with hazardous materials is provided in the "Measuring and Controlling Environmental Impacts: Waste, Management of Materials and Biodiversity Conservation " chapter of this report.

GeoPlatanares upholds detailed and well-communicated emergency response plans at our site for evacuation in cases of emergency, natural disaster or other hazards, such as chemical or pollutant spills and leakages. In general, the Emergency Action Plans (EAPs) are developed and adopted by the offices, operational facility and power plant on a local and case-to-case basis. However, there is some general guidance from the global occupational health and safety team on the general guidelines for generating an EAP. In our office spaces, the EAP requirement is triggered by our fire detection systems (OSHA Standard 29 CFR 1910.164) and by the fixed fire extinguishing system (sprinklers; OSHA Standard 29 CFR 1910.160).



## Health & Safety in times of Covid-19

Geotérmica Platanares is committed to the health and well-being of our employees and all the individuals living in our host communities. Never before has that commitment been tested as it was in the latter part of 2019, and through 2020, when the COVID-19 pandemic swept across the globe. The virus infected hundreds of thousands of people in every country, leading to the shutdown of economic activity and the breakdown of essential global supply chains.

In the early days of this crisis, GeoPlatanares acted quickly to put strict social distancing mechanisms in place to protect all of our employees committing to:

- To suspend events of all kinds and number of people, only being allowed virtual meetings and conferences.
- To suspend all non-essential business trips.
- Reduce the number of employees in the plant, allowing a large part of the employees to work from home according to the exclusive criteria of the company.
- To promote social distancing and control and biosecurity measures to protect employees and communities.
- To be aware of the health of their employees personally and using the online self-form.
- To ensure compliance with company protocols in order to provide clear and practical guidelines to ensure safety through the prevention, early detection and control of COVID-19.
- To update their employees with information authorized by the World Health Organization (WHO) and the Honduran Secretary of Health.

Some of the implementations done at the plant were:

- Installation of automatic disinfectant sprayer in main entrance, disinfection systems in vehicles, change of marking by fingerprint to magnetic card and installation of sensor in sink to avoid contact.
- Installation of hand sanitizer dispensers and labeling in all buildings



- Placement of footbaths and sanitizing mats at all entrances

## Health & Safety in Our Communities

When it comes to the Safety in the Community, in accompaniment to the Sustainability Development department, we provide projects outside our normal premises, however, they are related to the project operations.

This year the subject was Biologic Safety, given that Covid -19 pandemic has become one of the most important causes of damage and deaths worldwide. That is why is promoted by Geotérmica Platanares by giving training and proper information to our Communities. We donated a complete special uniform to the community cleaning crews to keep them safe while performing their job of maintaining the community clean and safe. We also donated 800 unused N95 masks, 10 gallons of antibacterial gel, and special portable irrigation pumps from our power plant operations to the community. You can see more details of this in the “Our Communities” section.

In addition to providing needed biological safety to these communities, there was an outcry from healthcare workers across the globe for medical and personal protective equipment (PPE). GeoPlatanares heard the call and joined the hundreds of international companies who stepped up to donate necessary supplies and personal protective equipment (PPE) to hospitals in the Western part of Honduras.





# SECURITY



## MISSION SECURITY

Ensuring that all facilities are kept safe and secure, ensuring that all Project operations are unhindered and providing effective security operational support to all Project activities.

## TRAININGS

Our Security team is trained in legal, security, human development and safety areas to protect Geotérmica Platanares in a way that safeguards its employees, facilities and ability to operate.



## OUR PEOPLE







# GEOPLATANARES



**GeoPlatanares**  
Calle Principal, Campo Platanares  
La Unión, Copán, Honduras  
Es requerido que todo contratista o visita  
sea registrado en el sistema de control  
ormat.com



**SAFETY**  
PANEL  
INFORMACIÓN  
DE SEGURIDAD  
Y SALUD  
OBTENIDA DEL  
SISTEMA DE  
CONTROL  
ORMAT





## Employment and Skill Development

As a global renewable energy company, we are proud to employ and work closely with the communities that we serve, knowing we contribute to local economies and social well-being. We have a commitment to generating a stable and secure economic future for all, based on sharing our knowledge and expertise regarding sustainable energy solutions. The promise of renewable energy that we deliver to our customers and stakeholders goes hand in hand with our commitment to local employment and skill development.

In 2020, we employed 50 people between permanent and temporary. We strive for equal opportunity employment and to engage the skills, know-how and abilities of residents in our host communities. This means encouraging a workspace where our employees are motivated to contribute their best, strive for creativity, and, in the process, make strides in achieving their professional or personal goals. Therefore, we rely highly on employee feedback, ideas and enthusiasm to create authentic, relevant methods of engagement, while working more proactively, safely and in tune with local communities.

### Our Outlook on Employment

At GeoPlatanares we work to uphold our obligation to provide our employees with a workplace that is fair, open and free from discrimination or harassment, and that encourages engagement and the development of employee potential. We place the highest value on the diversity of our

employees, and we strive to hire a diverse workforce that includes individuals from all sectors of society, while also providing equal opportunities in the hiring process and in providing access to career growth opportunities. This is clearly expressed in our commitment to anti-discrimination, minimizing gender pay gap, and enabling free association by labor organizations that are engaged with our Company. As a vertically integrated company providing myriad solutions in the energy industry, our employees come equipped with and acquire in the course of employment an array of professional skills and capabilities, which we consider in the hiring and employment process, in addition to other factors, such as geographical location and ties to the local communities around our power plant. We view engagement with local communities around our facilities to be a central tenant of our business policy and important to our success. That's why we created and maintain a policy of 100% local employment and management of our power plant and our administrative offices.



Respect for diversity, transparent communication and enriching professional and personal opportunities are the principles central to our employment outlook, and we look to hire individuals who exemplify and implement these values in their work.

## OUR COMMITMENTS TO HUMAN RIGHTS AND LABOR AND SOCIAL STANDARDS

**In addition to our commitment to the internationally accepted principles of human rights, GPS assigns particular importance to upholding and complying with fundamental labor and social standards, including:**

- ) **Avoiding child labor practices.**
- ) **Avoiding compulsory labor practices.**
- ) **Acknowledging and respecting employees' right to the freedom of association and collective bargaining.**
- ) **Providing and securing all relevant and essential employment rights.**
- ) **Working to eliminate discrimination with regards to employment, including all forms of harassment and abuse.**
- ) **Ensuring essential health and safety standards and practices in the workplace by developing risk awareness and encouraging responsible behavior among employees.**
- ) **Respecting the rights of local communities by promoting free and informed consultation activities, with particular regard for vulnerable communities, such as tribal or indigenous peoples.**
- ) **Demonstrating zero tolerance for corruption, according to the principles outlined in GeoPlatanares' Anti-Corruption Policy.**
- ) **Respecting the right to privacy of all stakeholders including the correct use of information and data**



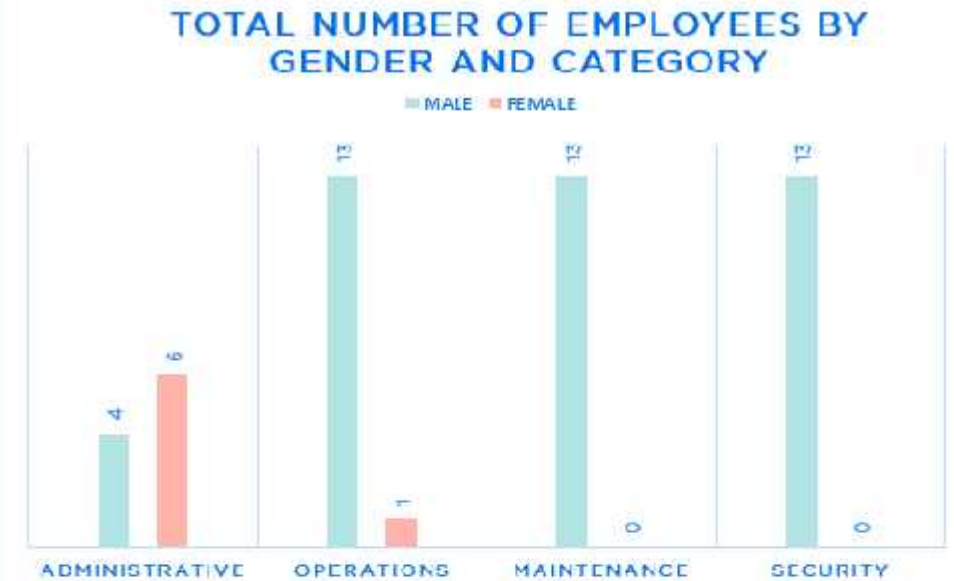
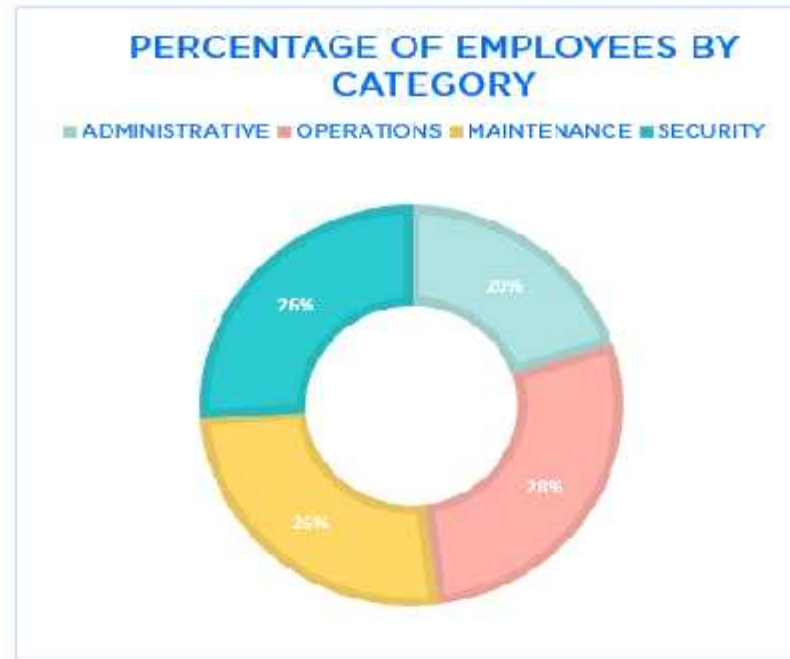
Geotérmica Platanares is governed by the laws of Honduras through the Labor Code and the Internal Work Regulations, both by law established and respected within the organization, and under these guidelines the basic working conditions of each collaborator are established, in a manner that everyone receives fair compensation for their work, the work time established by law, rest periods, vacations, disciplinary measures, also covering issues of maternity protection, a pleasant work environment with health and safety.

Likewise, the personnel who work in the plant and who are not from the community and its surroundings are provided with adequate accommodation, in houses located in the vicinity of the community where the plant is located and is governed by a coexistence regulation that each tenant of the houses reads and signs it to have a better environment.

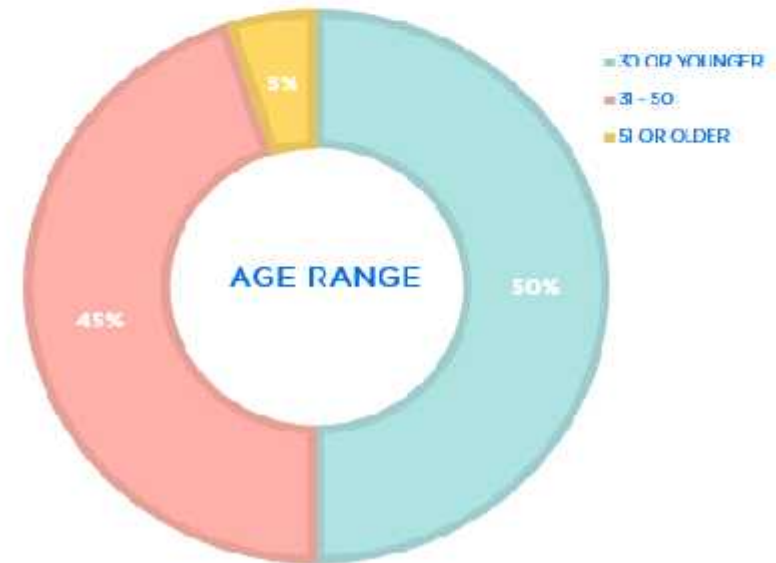
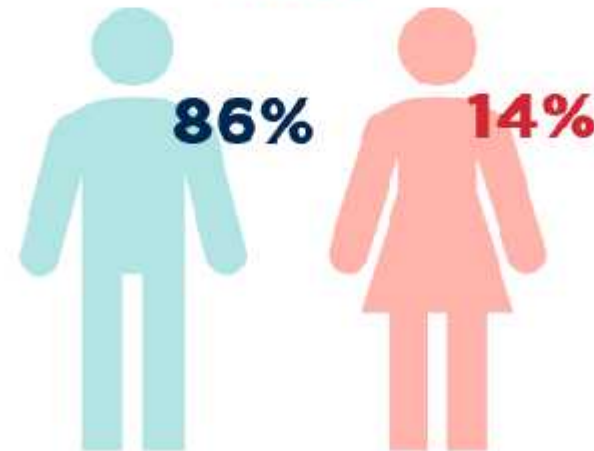
In 2020, all of our employees - 100 percent - work with us on a permanent and on-going basis.

**Subcontractors**

Our subcontractors are mainly employed for the completion of specific projects or tasks and to address other professional capacities, as needed, usually fulfill various roles such as site grading, road construction, civil among others



**PERCENTAGE OF EMPLOYEES BY GENDER**



Above is a breakdown of GeoPlatanares' employees per age, gender and employment type at year-end 2020.

### Equality in Employment

Our employees are diverse. They are of varying ages, genders, and cultural or religious backgrounds. Through our organizational values and the frameworks, policies and directives that guide our human resources and employment practices, we express our commitment to treating every employee fairly and equitably throughout their employment journey with us. This includes eliminating discrimination in our hiring and employment termination practices and ensuring that all employees are adequately accommodated and treated equally.

In addition to the outstanding conditions that are outlined in our employment agreements, our Human Resources Department works to implement and ensure that all stakeholders uphold four key policies:

1. The [Code of Business Conduct and Ethics](#) outlines commitments to our employees regarding equal employment opportunity, diversity in employment and anti-harassment, and the ethical and behavioral expectations of employees in the workplace. The Code outlines, among others, our staunch insistence on equality and fairness in the hiring, promotion, and termination processes, as well as our policies to attract and retain diverse talent within our organization. It expresses our commitment to continue hiring appropriately qualified diverse candidates, including for leadership positions. In addition, we outline our commitments to employees and various other stakeholder groups in upholding a transparent and fair workplace, that also looks to promote social and environmental value creation for our stakeholders.
2. The [Human Rights and Labor Policy](#), adopted in 2018 by Ormat's management, expresses our commitment to upholding international human rights and labor standards for all of our employees, suppliers, business partners and stakeholders. We recognize our employees' rights to the freedom of association and collective bargaining, all relevant and essential employment rights in our countries of operation, their rights to a workplace based on equal opportunities based on individual merit, and which is free of harassment and discrimination in all forms. In addition, we express our commitments to eliminating human rights abuses throughout our value chain, such as child and forced labor practices.
3. The [Integrated Quality, Environment, Health & Safety Policy](#) that outlines our compliance with relevant standards and regulations, as well as our commitment to the health, safety and well-being of our employees and other key stakeholders. The Policy also recognizes our commitment to providing our employees with educational opportunities and training to enhance their skills. Furthermore, the Policy outlines our commitment to providing our employees with the appropriate resources for implementation of our expectations, which include, among other resources, written guides and training on relevant health & safety, environment and quality-related issues.
4. Certain aspects of the [Stakeholder Engagement Policy](#), namely on issues that pertain to employees, subcontractors and other stakeholders. These principles include our commitment to open communication and dialogue and sharing information to better instill our corporate values.

GeoPlatanares management, Human Resources department and the local employment managers at our operational sites ensure that these frameworks, policies and their relevant conditions are upheld in our dealings with employees, and that our employees fully understand and comply with our expectations.







**GEOTÉRMICA PLATANARES**  
An ORMAT Company

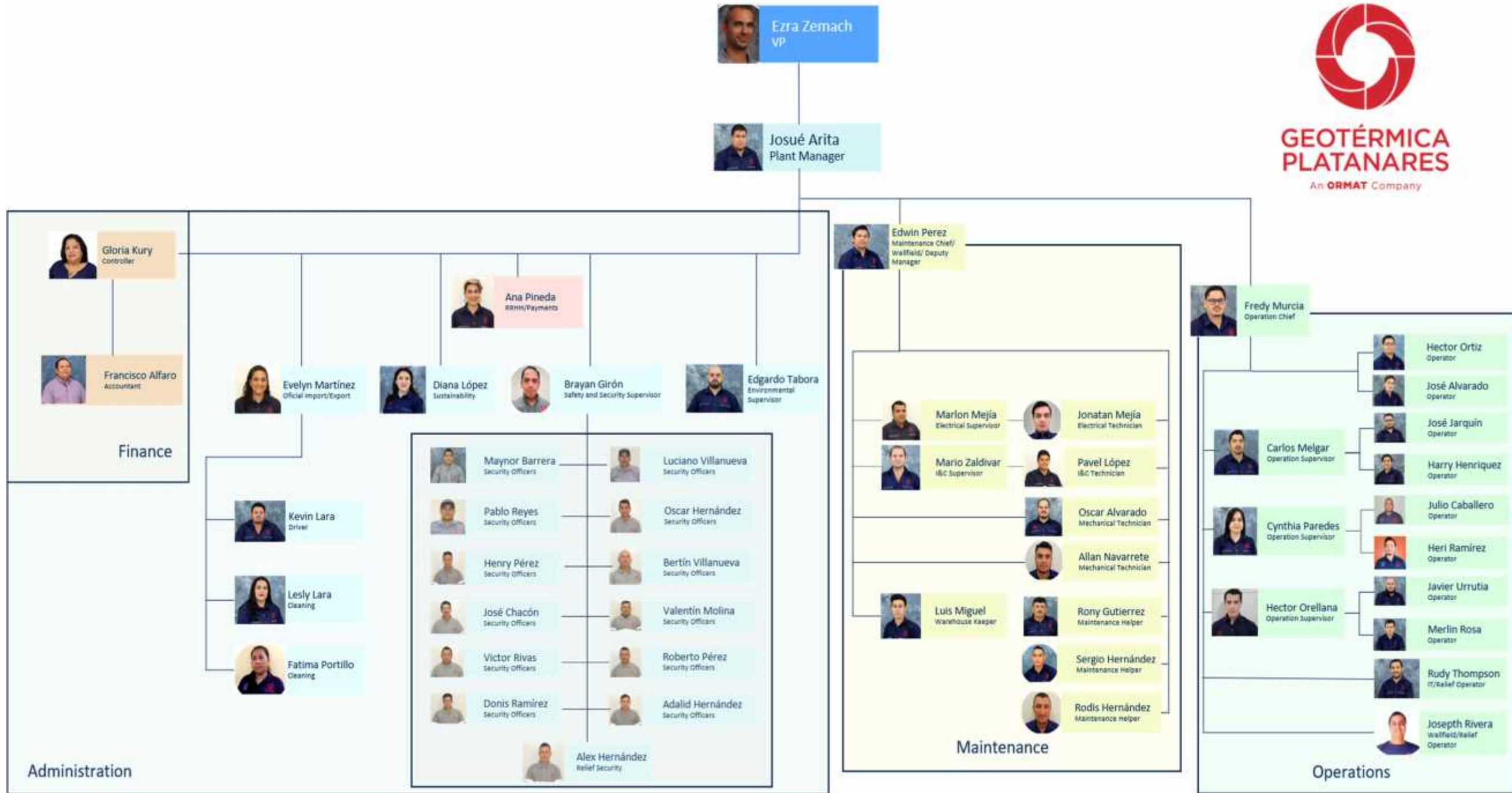




Photo by Brayan Lemus, June 2020

## Collective Bargaining Agreements

As of December 2020, at GeoPlatanares employees are not covered by collective bargaining agreements. We have never experienced a major labor dispute, strike or work stoppage. We consider our relations with our employees to be one of our success factors, and to be beyond satisfactory. We believe that our future success depends on our continued ability to hire, integrate and retain qualified personnel everywhere we operate.

## Benefits for Full-Time and Temporary Employees

GeoPlatanares knows that the success of our business depends on employee satisfaction and stability. We therefore strive to make our working environment a place that employees will choose to stay. We ensure this by providing competitive benefits, growth opportunities and a warm and positive work atmosphere.

According to the Honduran law we have the Social Security. Currently there are the following benefits that are given both by law and others that are granted by the company:

- Life Insurance (Mapfre)
- Medical health and dental insurance (Mapfre)
- Disability and invalidity coverage
- Parental leave
- Sick leave
- Vacation days
- Educational program fund
- Provision for retirement (By the Honduran law with RAP)

Some of the other benefits that are afforded to our employees include: access to educational funds, transportation fees, housing subsidies, optical care, compassionate leave (during mourning periods), and more depending on the local needs and relevant requests from employees. When temporary contracts have been made (minimum 2 months and maximum 1 year) these collaborators are given the same benefits that a collaborator with an indefinite contract has.

## Parental Leave

This is handled in accordance with the provisions of Honduran law, in article 135 Maternity leave:

All pregnant workers will enjoy forced rest, paid in the same way as their work, during the four (4) weeks preceding the delivery and the six (6) that follow, and you will retain your job and all the rights corresponding to your employment contract.



## Frameworks for Employee Engagement and Promoting Well-Being in the Workplace

With such a large base of employees, we seek to encourage a sense of community and togetherness among our employees. There are a number of ways that we achieve this, be it through community events and employee gatherings, or through our employee portals, social media networks and on-line platforms. All of our well-being activities for employees are sponsored or initiated by the employees themselves. For instance, due to requests from employees we began a we sponsor summer camps and activities for employees' children, as well as festive holiday events. We have an annual party or trip for employees and other Company leisure activities such as Company picnics and family events.

Our employees have a number of readily available communication channels to express their expectations, grievances or recommendations for improvement, beginning with their direct manager and on to their Human Resources representative and through to our CEO. We also have an employee newsletter and in 2020 we are planning to join our intra-organizational communication platform "OrMeet" that will allow employees to create professional and personal groups to share experience, insights and support. The goal of the application is to create an additional platform that encourages bonding between employees across geographies and professional capacities.

## Grievance Mechanism

Employees with questions or grievances regarding employment contractors, any of the abovementioned policies or our general employment framework have a number of avenues available to them for reporting their feedback or concerns. Employees can report to their direct manager, the Human Resources department, the Secretary of the Corporation or to our whistleblower ethics hotline at the third-party managed website at [www.ethicspoint.com](http://www.ethicspoint.com) or via telephone at 1-866-294-5535.

We also garner employee feedback through performance reviews and one-on-one meetings with our employees. Through these methods, we seek to create an open and encouraging environment for our employees to share their unique cultures with us, further promoting their open feedback on our levels of corporate engagement with their communities.

In addition, our CEO tours regularly our site to receive feedback and recommendations for improvement from the employees. In everything that we do, we seek to encourage our employees' utmost health and well-being both in and outside of the workplace.







GPS celebrating with our employees, 2020



### Training and Educational Opportunities for Our Employees

Year 2020 was difficult for the training issue, due to the Covid-19 pandemic restrictions it was quite limited compared to other years, however, at GeoPlatanares we tried to keep our collaborators with diversity in topics of interest.

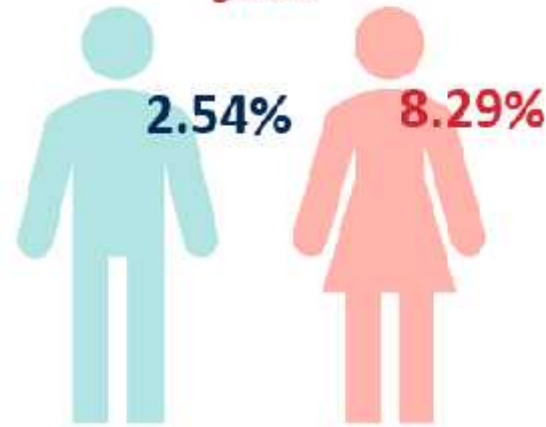
GeoPlatanares is committed to supporting the professional development of our employees during their employment with us as well as to preparing them for career growth. As such, we offer a variety of training and educational programs for our staff on both relevant professional and soft skills to help them improve their performance. We also support our employees in the pursuit of educational opportunities through a variety of country-based programs and based on specific employee and business.

We provide our employees with access to health and safety training, corporate governance training mainly regarding compliance with our Code of Conduct and Business Ethics, training in soft skills such as the use of Office programs and languages, as well as in relevant professional skills.

The table on the right outlines some of the professional and soft skills training courses that we provide our employees with.

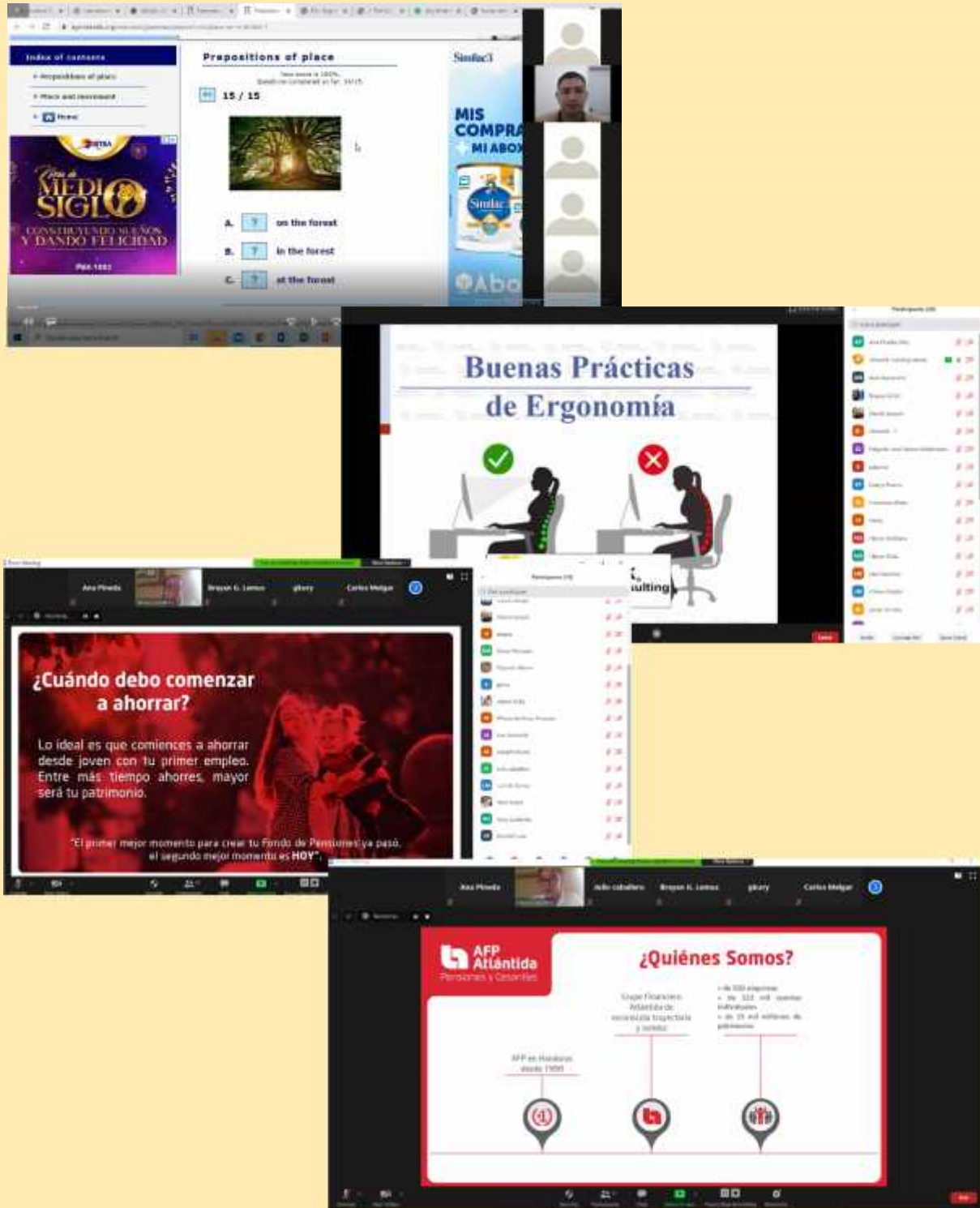
We can also find the 2020 average hours of training per employee and per gender.

#### Year Average Hours of Training per gender



Training Subject	Target Audience	Participants Amount - all, by gender			Hours of Training
		General - total amount	Gender - male amount	Gender - female amount	
SEMINAR OF SANCTIONS AND DISMISSALS	HR	1	0	1	8
PENSION FUNDS MANAGEMENT TALK	ALL THE GPS STAFF	19	15	4	2
TALK ON PERSONAL FINANCE, MONEY MANAGEMENT IN TIMES OF CRISIS, DEBTS IN TIMES OF CRISIS, TAKE CARE OF YOUR MIND AND HEALTH	ALL THE GPS STAFF	18	12	4	2
TELECOMPUTING	HR	1	0	1	6
BIOSECURITY	HR, SAFETY AND SECURITY DEPT.	3	2	1	4
ELECTRICAL SAFETY IN WORKERS AND TRANSFORMERS	ELECTRICAL SUPERVISOR	1	1	0	4
TALK ON THE USE OF THE MEDICAL INSURANCE ON COVID-19	ALL THE GPS STAFF	30	26	6	1
RESPIRATORY PROTECTION	ALL THE GPS STAFF	29	25	4	2
GOOD ERGONOMIC PRACTICES	ALL THE GPS STAFF	40	33	7	2
POWER BI	PLANT MANAGER	1	1	0	12
PREPARATION OF RETURNS AND CALCULATION OF BENEFITS	HR	1	0	1	24
GOOD NUTRITION AGAINST COVID-19	ALL THE GPS STAFF	25	20	5	2
WPA GENERATOR PROTECTION	ELECTRICAL TECHNICIAN	1	1	0	12.5
TALK ON HARASSMENT AND DISCRIMINATION	ALL THE GPS STAFF	25	20	5	1
THIS REGULATION	HR PLANT MANAGER	2	1	1	4

<b>Average hours of training per employee</b>	<b>86.5</b>	<b>1.765306122</b>
	<b>49</b>	
<b>Average hours of training per woman</b>	<b>58</b>	<b>8.285714286</b>
	<b>7</b>	
<b>Average hours of training per man</b>	<b>106.5</b>	<b>2.535714286</b>
	<b>42</b>	



It is important to note that we provide all of our employees with access to educational opportunities and courses that are relevant to their profession on a case-by-case basis.

Direct management of training dispersed across the organization. Health and safety training is managed by the QEHS department, guided by the VP QEHS and carried out by our employees.

Other training is professionally and administratively managed by the HR department, but is initiated by different bodies such as department managers.

**Providing Our Employees with Educational Opportunities**

The professional and educational development assistance we offer varies from in-house training courses to subsidies for higher education programs through our educational funds, covering a range of topics or skills depending on individual needs and aptitudes. We believe that by investing in employee skill development through provision of educational assistance we can meet our strategic business targets while adequately preparing our employees for a rapidly evolving professional environment. One of our main educational programs is the English classes to all of our employees that lack the knowledge of that language.

**An Organization Shaped by Local Employment**

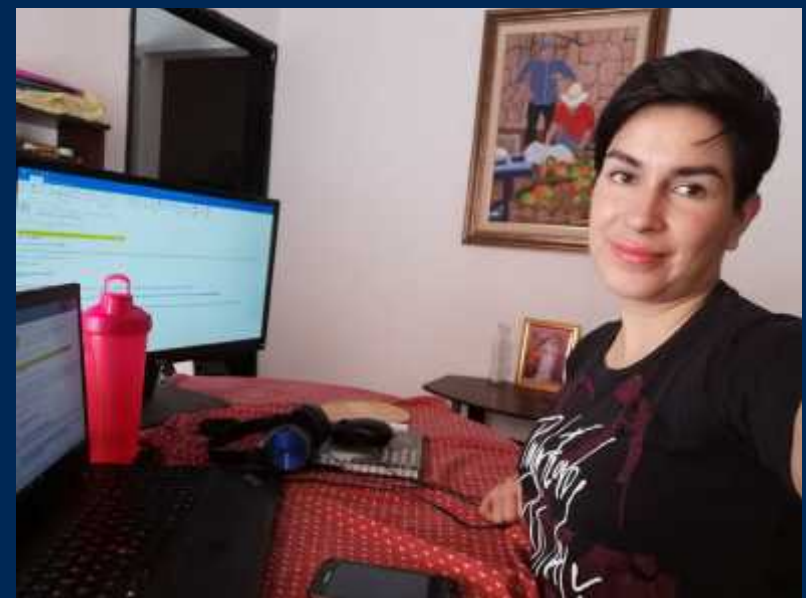
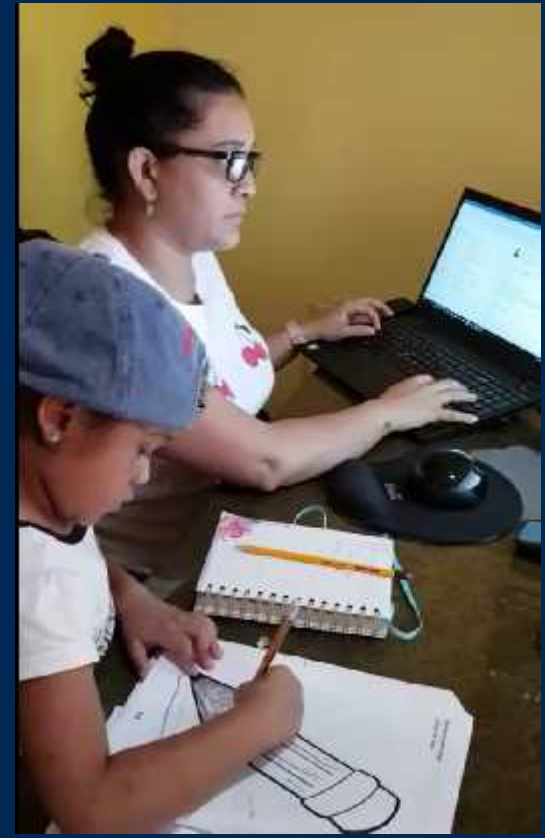
GeoPlatanares is an organization that prides itself on full local employment at all levels at our power plant. In 2020, the proportion of senior management hired from the local communities in our plants was 100%. We believe that local employment is essential because our employees have better understanding of the local community, stakeholders and environment and can adequately provide the superb degree of service that GPS strives for.

**COVID-19 - Working from home or special shifts.**

For instance, the lockdown ordered by the government of Honduras has restricted various businesses such as travelling to contain the virus consequently this business is coming to an abrupt halt, including private transportation, so GeoPlatanares decided to keep all administration employees working from home for several months. In the case of the operations and maintenance employees they were divided in special shifts so there were only a supervisor and two operators and a maintenance supervisor working at the plant per shift, always following our biosecurity protocols. GeoPlatanares kept the salaries of all the employees intact as when they had been working on regular basis at the plant.

GPS' employees got trainings online during country lock down time due to COVID 19 pandemic, 2020





*GPS' employees working from home during country lock down time due to COVID 19 pandemic, 2020*



# OUR COMMUNITIES







*Beneficiaries of the GPS Scholarship Program 2020*



## Resilience

### Supporting and Shaping Sustainable Communities during harsh times.

*“Resilience is the ability to withstand and reduce the magnitude and/or duration of disruptive events”,* including during and after COVID - 19 pandemic or extreme weather events (such as during extreme rain events like Hurricanes Eta and Iota).

The COVID-19 pandemic is testing the societies of the world’s most unequal continent, and Honduras has not been left out where many depend on informal work for their livelihood. Social-distancing measures directly affect their livelihoods and make immediate social assistance imperative. Besides, the public health centers and hospitals are not equipped to respond to this emergency.

Besides, as if the pandemic hadn’t been enough, Honduras was hit by the two hurricanes Eta and Iota in a period of two weeks. Back-to-back hurricanes unleashed heavy winds, rain, and severe flooding and landslides across Central America. On November 3, Hurricane Eta made landfall as a powerful Category 4 storm. Just two weeks later Hurricane Iota, a Category 5 storm at its strongest, traveled the same path through the region. “Storms Eta and Iota adversely affected 4.6 million people in Honduras, representing nearly half of the country’s population of 9.3 million, according to the results of a multi-sector needs assessment conducted by the UN Disaster Assessment and Coordination (UNDAC) team between November 22 and December 3 in nine affected departments. The effects of Hurricanes worsen food insecurity in Honduras in the following months, with 3 million people currently projected as experiencing severe acute food insecurity”.

With all this, GeoPlatanares created a special social project to help every family on our communities of direct and indirect impact with a monthly provision of food.

This had an impact on 8220 people on the communities. Besides that, GeoPlatanares also gave a donation to the municipality of La Unión of a batch of food supplies for the rest of the communities of the area, having an impact on 8,000 people and offered instant help to provide, food, hygiene supplies, critical relief items, and protection for the most vulnerable people.

In situations of emergency like this, one of the main subjects is Biologic Safety. GeoPlatanares donated a complete special uniform to the community cleaning crews to keep them safe while performing their job of maintaining the community clean and safe. We also donated 800 unused N95 masks, 10 gallons of antibacterial gel, and special portable irrigation pumps from our power plant operations to the community.

GeoPlatanares also made donations of special medical supplies to the hospitals around the western part of Honduras.



*Flood In Palanla one of our communities 2 km from our plant, November 2020*







*Resilience also means making sure that we harden our physical assets to stay operational in the face of climate impacts.*



At GeoPlatanares we see an imperative to act, operate and engage with local people and communities in a manner that is consistent both with globally recognized social, environmental and economic development standards and our corporate values – of stability, constant renewal, full commitment, courage and creativity.

We view this as a fundamental pathway to success and are inspired by the standards of various leading sustainability frameworks, including those of the Global Reporting Initiative (GRI), the United Nations Sustainability Development Goals (SDGs), and other principles such as the OECD Guidance on Sustainability Impact Assessments and the ISO 26000 guidelines for social responsibility. We are starting to introduce the Global Compact Principles to our action plan as well but will report it until next year.

GeoPlatanares mission is to be a leading regional provider of renewable energy while building a balanced portfolio of geothermal assets. GPS also recognizes the vital role that local people, communities and positive, long-term relationships play in advancing the adoption, uptake, and long-term viability of renewable energy.

These are the guideposts for the behavioral expectations GeoPlatanares upholds for all employees as we work towards fulfilling our mission and engaging with local communities.

Another essential principle that we seek to implement in our activities and policies is that of equality. Geotérmica Platanares applies the same high standards to the way we interact, engage and develop our business, while also understanding and perceiving the unique cultural needs of each community on every level. In all cases, GPS is committed to being open, transparent, consistent and focused on delivering sustainable renewable energy solutions that generate inherently positive impact, for the environment, society and the economy.



Our goal is to inform and engage our visitors and provide a first-hand look at how geothermal energy is contributing to a cleaner energy future and a more stable, affordable electricity grid. Across the country, hundreds of people – from school students, local governments, service organizations, environmental groups and others visited our facility for tours.

**2020 and Our “Digital” Open Doors**

GeoPlatanares knows each community reflects a constellation of unique stakeholders and that no two communities are identical. Each has its specific needs, characteristics, constraints and challenges. We seek first to understand and assess the local conditions through our Stakeholder Engagement Policy.

Our approach is responsive and respectful to local customs, in full alignment with all local regulations and laws and sensitive to the specific needs and requests for contributions and assistance voiced by each community. This approach highlights an essential truth – each community has deep insights into the ways it can be improved. Seeking this input typically leads to the most proactive and potentially uplifting outcomes. Every part of our connection with stakeholders – from pre-development and planning through to operations – is characterized by our “open doors” policy.

This year due to the pandemic emergency and all the restrictions ordered by the government and the Company itself we had to come with new ways to keep our doors opened to our stakeholders, so we came out with Our “Digital” Open Doors, which is a way to keep connected to everybody through our digital media like our webpage, social network (Facebook page, LinkedIn, WhatsApp, Zoom, etc..) and it was very well welcomed by our stakeholders and got a lot of feedback.

**Community Engagement and Handling Grievances**

GeoPlatanares recognizes that for successful interactions to occur, there must be a basis for meaningful communication, mutual respect and trust. That’s why we create mechanisms to encourage all community members to speak openly and honestly about any concerns that our development activities may raise. The Grievance Mechanism ensures that both positive and negative input is reported, listened to, and, most importantly, acted upon, keeps communication channels clear, quickly identifies pressing issues and promotes a spirit of cooperation and pro-activity.

In 2020, GPS did not receive any major stakeholder grievances nor were any other issues raised regarding vulnerable community groups in our area of operation received. We are committed to achieving our goal of addressing and responding to 100 percent of stakeholder requests received through our various channels of stakeholder engagement.



**GEOTÉRMICA  
PLATANARES**  
An **ORMAT** Company

***DIGITAL***  
***OPEN DOORS***





**DÍA DE LA TIERRA**  
Geotermia Platanares, planta de producción de energía limpia, con una alternativa renovable para el cuidado del recurso natural.

### ¡FELIZ DÍA DEL TRABAJADOR HONDUREÑO!

Geotermia Platanares en este 14 de mayo, fecha en que se conmemora al día del trabajador, desea expresar su admiración por los hombres y mujeres que se esfuerzan cada día trabajando con honestidad para construir un mundo mejor.

Geotermia Platanares, al servicio de Honduras, en cada latido.

### ALERTA ROJA HONDURAS

HONDURAS EN ALERTA ROJA

MEMORANDO N.º: EMERGENCIAS

YO SOY LA GUERRA Y ANTIQUE PROMOCIONES DE SEGURIDAD

UNO NUEVA | NOTICIAS | EMPLEOS

### Con mucho Amor Felicitamos a MAMÁ

¡Feliz día de la madre!



### FELIZ DÍA DEL Voluntariado

En Geotermia Platanares nos hemos comprometido a generar 38 MW de energía verde y renovable con prácticamente cero emisiones y hasta el momento cero accidentes por más de 680 días. Haciendo una inversión de más de 4.5 millones de dólares en proyectos sociales en el 2020 en nuestras comunidades de impacto.

Y muy pronto comenzaremos con la construcción de nuestro tramo de la carretera principal del municipio de La Unión, Copán.

### Feliz DÍA DEL MAESTRO

¡Feliz día de los maestros!

### COVID-19 CORONAVIRUS

¿Sabes cuáles son los síntomas más comunes de esta enfermedad y cómo prevenirla?

**SINTOMAS:** Fiebre, Tos, Cansancio, Dificultad para respirar, Falta de olfato, Dolor de cabeza, Dolor de garganta.

**RECOMENDACIONES:** Salir al aire libre, Cubrirse la boca al toser, Usar mascarillas, Lavarse las manos.

**FORMAS DE CONTAGIO:** Cuando alguien infectado tose o estornuda, Tocar objetos o superficies contaminadas, Por estar en contacto con personas infectadas.

### Jornada de Audiometría

Martes 17 de noviembre

Este día en el Centro de Salud de San Andrés Moya a más de 400 personas se beneficiaron.

### ESR 2020

XIV SELLO FUNDARISE Empresa Socialmente Responsable

Cardinalmente invitadas y acompañamos a la **Ceremonia Virtual**

67 empresas y un gremio socialmente responsables galardonados

Jueves 3 de diciembre | 3:00 pm

Campusy f LIVE

¡Síguenos! ¡Campus Televisión!

### DÍA DEL ARBOL

En el marco de la celebración del Día del Arbol, GeoPlatanares ha hecho la donación de 3,000 arbolitos de Pino, Cedro de la India, Mucosillo y Guadua a las Unidades Municipales Ambientales.

### Brayan Giron Lemus

Representante / Cliente / Beneficiario / Voluntario / Campesino

### GEOTÉRMICA PLATANARES

LA INICIACIÓN DEL PROYECTO DE SISTEMA RESTRICCIÓN DE AGUA A BENEFICIO DE LA COMUNIDAD DE SAN MAJORES NIMES

LA PRIMA ETAPA DEL PROYECTO LLEVA UN PASO A FRENTE

### Jornada Oftalmológica

Viernes 13 de noviembre

Este día en el Centro de Salud de San Andrés Moya a más de 100 personas se beneficiaron.

Los técnicos de Geotermia Platanares ayudan al desarrollo sostenible mediante la construcción de 4.25 km de la carretera principal de La Unión Copán.

### ¡Feliz día de la familia!

Un padre tiene la vida más de un maestro y la alegría de un amigo.

### OCTUBRE 2020

¡SIMPOSIO VIRTUAL DE PRODUCCIÓN DE ENERGÍA VERDE EN HONDURAS! "Monitoreo y la calidad del agua"

¡Promociones con gran variedad de energía renovable a más de 750 MW!

¡Muy pronto se lanzará el primer proyecto de energía renovable en Honduras!

### ¡FELIZ NAVIDAD!

y Felices Fiestas

### ¡Cuidate!

### GEOTÉRMICA PLATANARES

**DIGITAL OPEN DOORS**

Some of the communications to our stakeholders through our social media





**CSR PROJECT FOLLOW-UP FORM**

**I. COMMUNITY DATA**  
 Name of Community: **SAN ANDRÉS MINAS** Date: **AUGUST 8, 2019**  
 Municipality: **LA UNIÓN** Department: **COPÁN**  
 President of Patronage: **JAVIER TRIGUEROS**  
 Address: **SAN ANDRÉS MINAS**  
 Phone Number: **9761-1581** e-mail:

**II. PROJECT DATA**  
 Type of Project:  Community Relations  Education  Health  Environmental  
 Name of Project: **REMODELING OF SOCIAL CENTRE OF SAN ANDRÉS**  
 Requested by:  Community  GPS  Municipality  Other:  
 Description: **The activity consists of building 4 restrooms, 3 urinals, changing: ceramic floor, ceiling, sunsets, repair of balconies, remodeling of gates, installation of exterior main gates, building the exterior front facade, installing sliding glass windows, system change electric, drinking water system with a 1700 liter water storage tank and sewage systems, installation of audio system and air conditioning system, construction of outdoor planters and ceramic installation for exterior sidewalk**  
 Nature and Justification of the Project: **This is the only place big enough to have community meetings and it is also rented for big events as weddings and other social events administrated by the patronage to get income for smaller projects such as cleaning the community, help with economic support to people to travel to Santa Rosa to the hospitals, provide food baskets to the poorest, etc. It is the only building where people could be located in case of a natural disaster or emergencies.**  
 Impact Expected: **1. Improve the so deteriorated actual state of the building, 2. improve the actual income of the community for smaller social projection, 3. Have a building for protection in case of natural disaster.**  
 Direct Beneficiaries: **350 families** Indirect Beneficiaries:

**III. OBJECTIVES**  
 GeoPlatanares CSR Criteria:  Infrastructure  Education  Health & Safety  Environmental  
 P51 Assessment and Management of Environmental and Social Risks and Impacts  P52 Labor and Working Conditions  P53 Resource Efficiency and Pollution  P54 Community Health, Safety, and Security  
 (OPIC) IFC's Performance Standard subscribed:  P55 Land Acquisition and Involuntary Resettlement  P56 Biodiversity Conservation and Sustainable Management of Living Natural Resources  P57 Indigenous Peoples  P58 Cultural Heritage  
 (SDG) Sustainable Development Goal subscribed:  SDG 1 No Poverty  SDG 2 Zero Hunger  SDG 3 Good Health & Well-Being  SDG 4 Quality Education  SDG 5 Gender Equality  SDG 6 Clean Water & Sanitation  SDG 7 Affordable & Clean Energy  
 SDG 8 Decent Work & Economic Growth  SDG 9 Industry Innovation & Infrastructure  SDG 10 Reduced Inequalities  SDG 11 Sustainable Cities & Communities  SDG 12 Responsible Consumption & Production  SDG 13 Climate Action  SDG 14 Life Below Water  
 SDG 15 Life on Land  SDG 16 Peace, Justice & Strong Institutions  SDG 17 Partnerships for the Goals

**III. TIMING**  
 Start Date: **September 2019**  
 End Date: **December 2019**  
 Whole Duration of Project: **3 months**

**IV. WORK TEAM**  
 Responsible from GPS on Site: **Diana López, Edgardo Tabora, Brayan Girón**  
 Contractor Approved: **Constructora y Taller Miranda** Phone: **9948-6304**  
 Responsible from Contractor on site: **Adolfo Miranda** Phone: **9854-6151**

**V. BUDGET**

ITEMS	GPS Input	Community Input	Municipality Input	Other Institution Input	Total Amount
Blue Prints			L. 25,000.00		L. 25,000.00
Construction	L. 951,455.00				L. 951,455.00
Cleaning		L. 5,000.00			L. 5,000.00
					L. -
					L. -
<b>Total</b>	<b>L. 951,455.00</b>	<b>L. 5,000.00</b>	<b>L. 25,000.00</b>		<b>L. 981,455.00</b>


**V. OBSERVATIONS**  
 Approved by: **Elio Orozco**  
 PO:  Created  Approved


GeoPlatanares, has developed a Community Relations Plan (PRC) supported by the decree law 138-2013 incentives for renewables in which the guidelines for the creation of the social assistance fund for communities in the area of influence are established direct, said fund that will be regulated by three actors: Municipality, Company and Patronages of the communities that will be agreed and socialized with the stakeholders involved. Our core values are also reflected in our community interactions. Our company has maintained an active community outreach program.


The sustainability plan in GeoPlatanares includes allocation of financial resources to support a Corporate Social Responsibility Fund. The local community is defined as those near the geothermal facility.

During the period of operation various community relations activities are carried out, among which we can mention the socialization of the project, delivery of uniforms and school supplies, scholarships, remodeling of Social Centre, reconstruction of fast soccer court, materials for roof construction donations for specific dates such as Mother's Day, Children Day, Christmas etc.



 <b>GEOTERMICA PLATUNARES S.A de C.V.</b>		ANNUAL GENERAL SCHEDULE												Current Degree of Compliance	Cost of Investment	
		CORPORATE SOCIAL RESPONSIBILITY PLAN SAN ANDRES MINAS														
DURACIÓN DE LA EJECUCIÓN DE ACTIVIDADES EN MESES		2020 MONTH														
Programs	Activities	January	February	March	April	May	June	July	August	September	October	November	December			
1	Community Relations	Community Health and Safety														L 118,750.00
		Mother's Day Celebration														L 100,000.00
		Children's Day Celebration														L 60,000.00
		Annua Fair Celebration														L 30,000.00
		Christmas Celebration														L 60,000.00
2	Health	Water System Construction													L 7,000,000.00	
		Medic Schools and Kindergartens													L 217,000.00	
		CAMO Medical Brigades													L 316,000.00	
		Milk Refrigeration Form													L 36,000.00	
		Equipment and uniforms for cleaning group													L 200,000.00	
3	Education	Computer lab												L 200,000.00		
		Project Education World Vision Tics												L 211,000.00		
		School buses												L 1,000,000.00		
		English as a Second Language Project (ESL)											L 300,000.00			
<b>Total Invertido</b>														<b>L 9,847,756.00</b>		

 <b>GEOTERMICA PLATUNARES S.A de C.V.</b>		PRESUPUESTO RESPONSABILIDAD SOCIAL EMPRESARIAL ANUAL												Costo de Inversión	
		COMUNIDAD DE PALANCA													
DURACIÓN DE LA EJECUCIÓN DE ACTIVIDADES EN MESES		2020 MONTH													
Programs	Activities	January	February	March	April	May	June	July	August	September	October	November	December		
	La escuela Nueva de Salud, 200				X									L 70,000.00	
		Formación Docente, 600							X					L 1,000.00	
		Las escuelas Naturales, 200											X		L 13,500.00
2	Health	El Bañerón, Teatro Familiar y Cine, 200				X							L 30,000.00		
3	Education	Tiempo Nuevo Escuela				X							L 88,000.00		
		Casa De, and friends	X	X	X	X	X	X	X	X	X	X		L 17,000.00	
<b>Total Invertido</b>														<b>L 207,500.00</b>	

 <b>GEOTERMICA PLATUNARES S.A de C.V.</b>		PRESUPUESTO RESPONSABILIDAD SOCIAL EMPRESARIAL ANUAL												Costo de Inversión	
		COMUNIDAD DE EL CEDRO													
DURACIÓN DE LA EJECUCIÓN DE ACTIVIDADES EN MESES		2020 MONTH													
Programs	Activities	January	February	March	April	May	June	July	August	September	October	November	December		
	Material para Construcción de techos, 200				X									L 121,650.00	
		Tepalcates para techos												L 8,100.00	
		Material para Círculo de Niño, 200						X						L 1,950.00	
2	Health	Formación docente, escuela 200							X				L 5,000.00		
3	Education	Informes					X						L 24,000.00		
<b>Total Invertido</b>														<b>L 150,000.00</b>	



## Designing a Social Action Plan According to the SDGs

Since 2018, GeoPlatanares advanced a social action plan for the local communities around the geothermal power plant, in alignment with the United Nation’s Sustainable Development Goals (SDGs) and relevant targets. The purpose of connecting the social action plan to the SDGs is to accurately gauge local community impacts and demonstrate to Honduran governmental and non-governmental groups how GeoPlatanares activities are contributing to the achievement of nation-wide development targets.

GeoPlantanares’ Sustainability Development Department evaluated the SDGs that GPS was likely to have the most local impact on and identified the following:



The Sustainability Development Department works according to with the United Nations Development Program (UNDP) to measure its social and environmental progress. This helps us provide recommendations for future activity while minimizing exposure to potential economic, social and environmental risks and supporting the discovery of positive local engagement opportunities. The systematic approach to stakeholder engagement encourages the development of constructive, long-term stakeholder relationships. The plan includes grievance mechanisms for stakeholders that enables various points of view, interests and concerns from local communities to be heard, understood and factored into the plant’s operations and plans for community investment.

### The Power Of A Positive Approach

GeoPlatanares values positive, long-term relationships and strives to create them. We do so by listening carefully to our stakeholders’ concerns and ideas. We create policies and protocols to guide stakeholder interaction and make these efforts in a timely, transparent and respectful manner.





**SDG**

**Relevant targets**

**Relevant Business Activities and Projects**



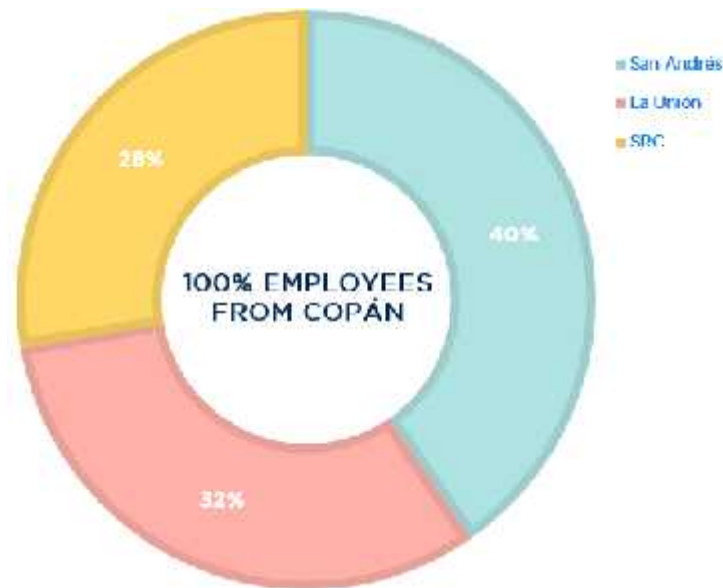
1.4: Equal rights to economic resources, access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance.

) GRI Disclosure 413-2

- ) We assess the relative economic impact on the communities in which it operates through stakeholder engagement and economic impact assessments.
- ) We engage with local communities and work to alleviate poverty through our sustainability development activities and employment creation as part of our agenda for 100% local employment.

**100% LOCAL EMPLOYMENT**

We are committed to local employment at our operational facilities and power plant and all of our employees are Honduran.



**ROOFS FOR EL CEDRO**

As mentioned before the community of El Cedro is one of the poorest communities of the area. So they wanted to continue with this project that gives at least several roofs for the poorest amongst them.

For this 2020 the municipality of La Unión continues helping with the blueprints and giving us the list of materials to buy them, and they will build the roofs with volunteers from the community.

This project is still one of our favorite ones as it has shown all of us the power of love and togetherness in a community.





**SDG**

**Relevant targets**



2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round.

2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.

**WORLD FOOD PROGRAM MEAL**

Even though the schools were closed due to the pandemic we provided beans, rice, corn meal, oil, fruits and vegetables for the parents to prepare a meal or a fortified natural juice to all the children of the 3 educational centers including kinder garden of our communities from El Cedro and Palania.



**Relevant business activities**

) Healthcare and safety are key aspects of the benefits that we provide our employees, including paid sick leave and access to healthcare packages at or beyond the local labor and regulatory requirements.

**EMERGENCY FOOD PROGRAM**

As mentioned before in this report the effects between the COVID-19 pandemic and the two hurricanes Eta and Iota the food insecurity in Honduras was worsen in the following months, with 3 million people currently projected as experiencing severe acute food insecurity. Our communities were not left behind in all this emergency state.

At GeoPlatanares we created a special social project to help every family on our communities of direct and indirect impact with a monthly provision of food.

This had an impact on 8220 people on the communities. Besides that, GeoPlatanares also gave a donation to the municipality of La Unión of a batch of food supplies for the rest of the communities of the area, having an impact on 8,000 people and offered instant help to provide, food, hygiene supplies, critical relief items, and protection for the most vulnerable people. In all this GPS spent no less than \$53,000.00.



**SDG**



**Relevant targets**

**3.8** Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.

) **GRI Disclosure 401-2**

**Relevant business activities**

- ) **Healthcare and safety are key aspects of the benefits that we provide our employees, including paid sick leave and access to healthcare packages at or beyond the local labor and regulatory requirements.**
- ) **We provide our communities medical brigades and ensure their access to healthcare packages.**

**CENTRAL AMERICAN MEDICAL OUTREACH (CAMO)**

The Central American Medical Outreach is a foundation that provides medical brigades amongst other medical and social programs.

We have made an alliance with them and bring medical brigades through the whole year to our communities.



**AUDIOLOGY BRIGADES**

We started with 30 audiometry tests for children and the elder people of the community.



**MAMOGRAPHY BRIGADES**

We also provided 100 mammography tests to women from 35 years of age.

**OPHTHALMOLOGIC BRIGADES**

The Central American Medical Outreach in alliance with the Robles Ophthalmologic Centre, provided us the ophthalmologic brigades for our communities.

Including transportation to the 100 beneficiaries from the communities to the Robles Ophthalmologic Centre that is about two hours away, the patients received a complete package of medical attention, tests, medicines, and eyeglasses when necessary. Some of them even got an operation appointment that was going to be covered by CAMO and the Robles Ophthalmologic Centre.





**SDG**



**Relevant targets**

- ) 4.3: Ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university.
- ) 4.5: Eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations

) GRI Disclosure 404-1

**ENGLISH AS A SECOND LANGUAGE**

This project has a nationwide importance as it is the very first time a regular public-school center is being transformed into a Public Bilingual School, as the bilingual schools existing in the country are all private institutions. We are working in alliance with the Ministry of Education

Because of the pandemic COVID-19 this year children were unable to attend schools in person, so the class mode was online. So, we focused on trying to make it easier for the kids that couldn't assist their classes online by helping them with cellphones, computers, or internet access to receive the classes.



**Relevant business activities**

- ) Our philanthropic activity is education focused.
- ) Employees are offered opportunities to expand their technical and professional skills and knowledge, and to engage in personal development courses and degrees, which we work to sponsor at our international power plants and facilities.
- ) We provide equal academic and training opportunities for employees, regardless of their gender. We sponsor the Women in Geothermal (WING) Program to promote gender equality in the geothermal sector.
- ) We are setting up the first bilingual official school in Honduras in alliance with the government.





### ENGLISH CLASSROOM & COMPUTER LAB

As part of our collaboration to transforming the school center to a bilingual school, we donated a complete computer laboratory and the first adequate classroom with surrounding sound and audiovisual equipment, furniture, bookshelves, desks amongst other.



### SCHOLARSHIP PROGRAM

This year has been extremely difficult for the students to be able to continue their studies as most of them don't have access to internet in their communities. So, we increased the help with the scholarship program for this matter to be about \$42,000.00.

As this one of the biggest projects we have, there are nearly 50 beneficiaries for high school and university level full scholarships to students from our communities. The students must present their advance during the period they are studying.





**SDG**



**Relevant targets**

- ) **6.3: Improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally.**
- ) **Support and strengthen the participation of local communities in improving water and sanitation management.**
- ) **GRI Disclosure 303-1-a**
- ) **GRI Disclosure 303-1-c**

**Relevant business activities**

- ) **Our power plant is air cooled, in comparison to the majority of geothermal plants which are water-cooled. Thus, we greatly minimize the use of water.**
- ) **We work to minimize the use of water in our power plant and conduct environmental impact assessments to test local aquifer and groundwater quality surrounding our power plant.**

**COMMUNITY WATER LINE PROJECT**

This is one of our main programs in 2020, and this year would represent only the first phase of the project.

With this project we make sure the people from our community of San Andrés Minas receives clean water all year around as this is almost impossible in the area.

The whole project represents about \$150,000.00.



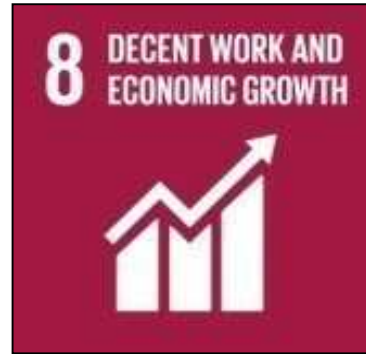




*High Resolution Image San Andres Water Conduction Line. November 2020*



**SDG**



**Relevant targets**

- ) 8.2: Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labor-intensive sectors.
- ) 8.5: Achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value.
- ) 8.8: Protect labor rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment.

**Relevant business activities**

- ) We are committed to local employment at our operational facilities and power plant.
- ) We work to develop the skills and knowledge of our employees, thus encouraging the upgrading of skills for labor-intensive sectors.
- ) Through our renewable energy solutions, we seek to help Honduras decouple economic growth from environmental degradation caused due to the burning of fossil fuels and from the use of non-renewable resources for energy generation.
- ) We promote equality in employment for all our employees regardless of gender, race, cultural background, religion, physical disposition, or other irrelevant factors.
- ) We implement an advanced health and safety framework that is implemented through our Quality, Environment, Health and Safety policy. We support the labor rights of all our employees and honor their basic rights to decent work and fair pay. We manage human resources with employees' rights in mind.

- ) GRI Disclosure 201-1
- ) GRI Disclosure 203-2
- ) GRI Disclosure 102-8
- ) GRI Disclosure 202-2
- ) GRI Disclosure 401-1
- ) GRI Disclosure 401-2
- ) GRI Disclosure 401-3
- ) GRI Disclosure 102-41
- ) GRI Disclosure 403-1-a

- ) GRI Disclosure 403- 1-b
- ) GRI Disclosure 403-4-a
- ) GRI Disclosure 403- 4-b
- ) GRI Disclosure 403-5
- ) GRI Disclosure 406-1

**UNIFORMS FOR THE COMMUNITY CLEANING CREWS**

This year the subject was Biologic Safety, given that COVID -19 pandemic has become one of the most important causes of damage and deaths worldwide. That is why is promoted by Geotérmica Platanares by giving training and proper information to our communities. We donated a complete special uniform including safety shoes to the community cleaning crews to keep them safe while performing their job of maintaining the community clean and safe.





**SDG**



- ) **9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.**

**Relevant targets**

- ) **9.4: Upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies.**
- ) **9.A: Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States.**
  - ) **GRI Disclosure 201-1**
  - ) **GRI Disclosure 203-1**

**Relevant business activities**

- ) **Our power plant contributes to the existing energy generation infrastructure in the country where we operate. The nature of renewable energy infrastructure works to increase the overall level of resilience in Honduras.**
- ) **Through our power plants and renewable energy solutions, we actively encourage the adoption of clean and environmentally-sound technologies, mainly in developing countries that may have limited access to such solutions.**

**ROADWAY** improvements to main road to San Andrés Minas were one of the major infrastructure programs that GPS underwrote during 2020. The effort acknowledged roadway impacts made by Geotérmica Platanares and other nearby companies, together with the municipality of La Unión, worked to ensure that the roadway was restored to its best condition. For 2021, it is already planned to start with the pavement of this road in alliance with the Municipality of La Union and other stakeholders.





**SDG**



- ) GRI Disclosure 301-1
- ) GRI Disclosure 302-1
- ) GRI Disclosure 302-2
- ) GRI Disclosure 302-3
- ) GRI Disclosure 303-1-a
- ) GRI Disclosure 303-1-c
- ) GRI Disclosure 305-1

**Relevant targets**

- ) 12.2: Achieve the sustainable management and efficient use of natural resources.
- ) 12.4: Achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment.
- ) 12.5: Substantially reduce waste generation through prevention, reduction, recycling and reuse.
- ) GRI Disclosure 305-2
- ) GRI Disclosure 305-3
- ) GRI Disclosure 306-1
- ) GRI Disclosure 306-2

**RESPONSIBLE CONSUMPTION AND RECYCLING**

As a compromise with promoting taking care of the environment, GPS has continued with campaigns about: Responsible Consumption and Recycling in our communities, making recycling kits for solid residues and placing them around the schools and areas of the communities.

**Relevant business activities**

- ) We encourage the sustainable use of materials and resources, including natural geothermal resources.
- ) We encourage and track the generation of waste products and the use of materials (namely non-renewable materials) at our operational sites.
- ) We actively promote and enforce practices for recycling, reclamation, and reuse of materials at our operational sites and communities.





**SDG**



**Relevant targets**

- ) 15.1: Ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements.
- ) 15.9: Integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts.

) GRI Disclosure 304-1

) GRI Disclosure 304-2

) GRI Disclosure 304-3

**REFORESTING**

In 2019 we reforested over 6,000 trees in different watersheds and areas of the region. Most of those trees were planted in areas of the communities and we encourage them to make sure that the plants they planted were growing well and healthy. They received talks about the environment and climate change.

**Relevant business activities**

- ) We conduct environmental impact assessments to ensure that we have an adequate understanding of our impacts.
- ) We actively engage our stakeholders and consult with local communities and local government administrators.





17 PARTNERSHIPS FOR THE GOALS







**GEOTÉRMICA  
PLATANARES**

an OBMAT Company

**ADDRESS OF THE PROJECT**

GEOTÉRMICA PLATANARES, S.A. de C.V.

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