



**GEOTÉRMICA
PLATANARES**

An **ORMAT** Company

E&S REPORT | 2019

Photo by Daniel Jarquín, April 2019

CONTENTS



Photo by Daniel Jarquin, February 2019

TO OUR STAKEHOLDERS	2
GPS At a Peek	2
Corporate Governance.....	2
Sustainability	2
Our Core Values.....	2
Stakeholder Groups Engaged by the Organization	2
U.N. Sustainable Development Goals.....	2
OUR ENVIRONMENT.....	2
Mitigating Climate Change Risks with Less Emissions.....	2
Energy Use, Efficiency and Fuel Resource Management.....	2
Management of Geothermal By-Products and Water Resources.....	2
Measuring and Controlling Environmental Impacts: Waste, Management of Materials and Biodiversity Conservation.....	2
Waste and Material Management at Our Power Plants	2
Biodiversity	2
OUR HEALTH & SAFETY.....	2
Ensuring a Safe & Healthy Work Environment.....	2
KPIs.....	2
Accidents.....	2
Our Integrated Quality, Environment, Health & Safety System Policy.....	2
Safety Trainings.....	2
SAFETY INDUCTION TO VISITORS AND CONTRACTORS.....	2
Security.....	2
OUR PEOPLE	2
Employment and Skill Development.....	2
Our Employment Framework.....	2
Equality in Employment	2
Subcontractors.....	2
Collective Bargaining Agreements.....	2
Employee Benefits	2
Frameworks for Employee Engagement and Promoting Well-Being in the Workplace.....	2
Training and Educational Opportunities for Our Employees	2
Providing Our Employees with Educational Opportunities.....	2
An Organization Shaped by Local Employment.....	2
OUR COMMUNITIES	2
Supporting and Shaping Sustainable Communities and Futures	2
Open Doors.....	2
Community Engagement and Handling Grievances	2
Designing a Social Action Plan According to the SDGs.....	2
The Power of a Positive Approach	2
Infrastructure.....	2
Health & Wellness.....	2
Environment	2
Quality.....	2
Education.....	2
Brief Appendix on COVID-19.....	2

**TO OUR
STAKEHOLDERS**

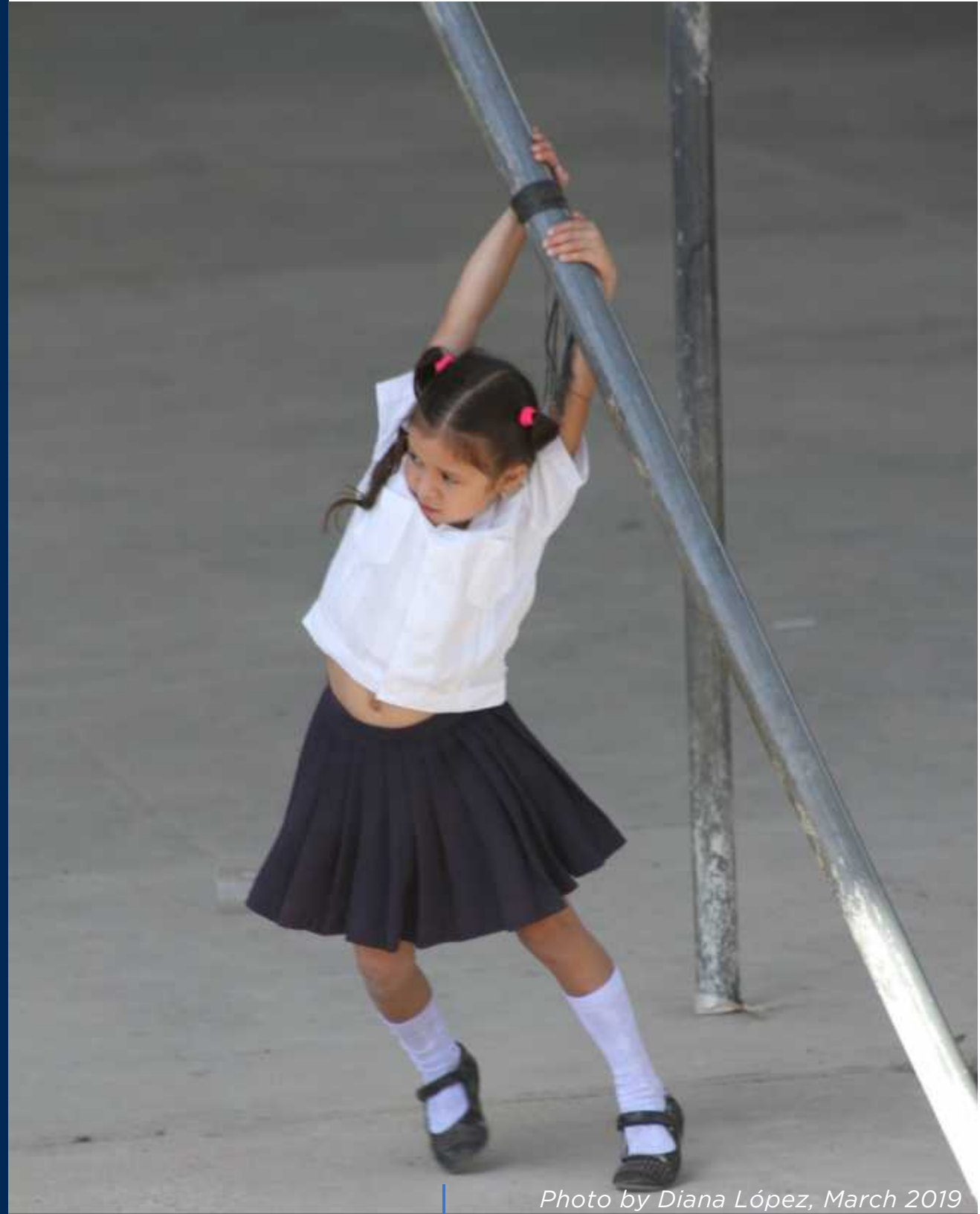


Photo by Diana López, March 2019



ELIO OROZCO
PLANT MANAGER

Photo by Merlin Rosa, February 2019

Dear Stakeholders,

As a recognized company and leader in renewable energy, Geotérmica Platanares is firmly convinced that its impact in the areas where it operates on environmental, social and governance issues must be positive and transcendental, consequently, to do so in the most serious, efficient and professional manner. It has decided to do so in accordance with world standards in these fields.

Therefore, in the case of GeoPlatanares, the first step was to see a consistent and reliable way of showing us where we are, how we are doing it and how to move forward in a sustainable way, for that reason we have adapted to the globally recognized GRI reports (Global Reporting Initiative) and it was precisely in 2018 when GeoPlatanares presented its first sustainability report using this methodology in the Core level.

CLIMATE MITIGATION: GeoPlatanares has planted 36,000 trees since the start of operations in 2017 to date in coordination with the state's environmental entities to determine which areas are most in need of reforestation. This has also been done with the accompaniment of schoolchildren in the area to instill the love and care of children and adolescents towards the nature that surrounds us.

Ethical business: As an Ormat subsidiary, GeoPlatanares' employees must adhere to the requirements regarding compliance with the codes of ethics and anti-corruption to ensure transparent governance before the Honduran authorities and the participants

REGULATORY COMPLIANCE and risk management, GPS is concerned with fully complying with all Honduran regulations in its different areas, also in the application of risk management goes one step further to ensure the operation of the plant in any scenario taking care of the human factor as the most precious thing in our organization.

MANAGEMENT OF THE RESOURCE (brine), We cannot speak in environmentally sustainable terms if we do not make responsible use of the geothermal resource, for this

reason the design of GeoPlatanares is predominantly based on a closed loop of the geothermal resource to avoid pouring brine or harmful material on open ground or over rivers, what we do in the case of brine is that we re-inject it into the subsoil in wells dedicated to this to complete the cycle

LOCAL EMPLOYMENT AND DEVELOPMENT: Our way of thinking has always been to carry out the maximum possible development within the area in which we operate, our policy is to hire the maximum possible personnel from the locality to generate economic opportunities and initiate the economic spill in the area.

In GeoPlatanares we are also careful to contract as far as possible the services or purchase of products necessary for our operation directly from the community, entrepreneurship programs are also part of the investment plans in the social area to promote micro and medium-sized enterprises in the area.

OCCUPATIONAL HEALTH AND INDUSTRIAL SAFETY, OPERATION AND EMERGENCY PLANS

The concepts that are at the top of the GeoPlatanares organizational culture is that safety comes first, therefore, whatever the activity of an employee of GeoPlatanares, the company is concerned with giving All the necessary resources to do your job in the safest and most efficient way to minimize any risk to the maximum, from that account we have been more than 500 days without any type of accident. This implies a constant training program and the implementation of KPIs (Keep performance Indicators) so that all employees become participants and supervisors while all of them comply with established safety standards. We believe that in a short time GeoPlatanares has become a reference in Honduras on the subject of industrial security.

Sincerely,

Elio Orozco

Plant Manager



GPS At a Peek

WHO WE ARE

Geotérmica 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).

We report 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, is.

This is the second 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 our second year 2019.



**296 GWh
Generated**

**1st
Geothermal
Plant in
Honduras**



**12,000
trees
Reforested**

Practically
ZERO
Emissions



**4 Million
Lempiras in
Social Programs**



**3300
Lighted Homes**

**365 days
without
accidents**





Photo by Mario Zaldivar, April 2019

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 that produces practically no GHG emissions.



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.





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 right.



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.

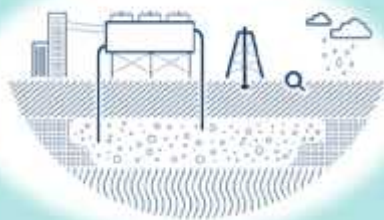
3. OVERSEEING AND IMPLEMENTING THIS POLICY

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. In addition, Stakeholders can send their direct questions to: info@ormat.com.

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.

OUR CORE VALUES

GeoPlatanares core values are also reflected in our community interactions. Our company has maintained active community outreach programs. The multiple avenues for information exchange and engagement include regular meetings, open houses, comprehensive stakeholder consultation programs and transparent, and timely sharing of all facility monitoring data.



Our Core Values

- **CONSTANT RENEWAL.** It's a promise that we fulfill by continually seeking out new challenges, by advancing new technologies, a promise that is the basis for our sustainable value proposition.



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



- **FULL COMMITMENT** to our stakeholders and a sustainable future is a value central to our brand promise. It 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.



- **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,



- 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 address their expectations and needs.



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:



Who are GeoPlatanares stakeholders?

 Public Authorities, Policy Makers & Regulators	 Financing Entities	 Academia
 Investors & Shareholders	 Employees	 Local Communities
 Customers	 Media	 Social & Environmental NGOs

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.

Our Stakeholders' Key Interests and Concerns

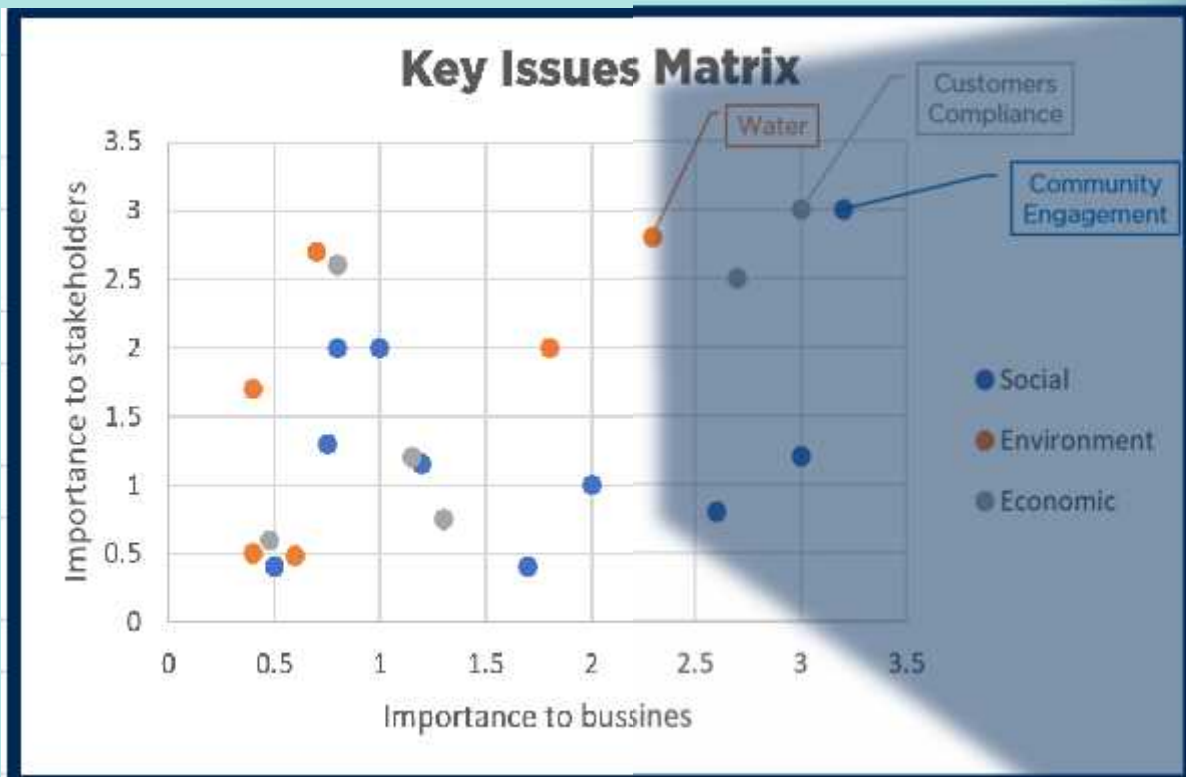
We believe that an adequate and clear understanding of our stakeholders' interests and concerns encourages closer and more productive relationships with our stakeholders. It also helps GeoPlatanares as an organization understand the needs and concerns of those closely affected by our activities where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

As part of our materiality assessment conducted in 2019, our employees identified issues such as employment, career and professional development - including training opportunities, occupational health and safety, workplace diversity, employee well-being and local employment - as relevant to their stakeholder group. Our customers identified reliability of our product and/or service, customer service, innovation and data privacy and security of information as key issues of concern. Investors, shareholders, financing bodies, public authorities, policy makers and regulators identified customer's compliance economic performance, operational efficiency, corporate governance performance, risk management and local community engagement as key issues.

Stakeholder Group	Methods of Communication
Academia	Cooperation with GPS providing support for scientific initiatives and expansion of educational opportunities, and tours at our facility
Costumers	Communication through our website, customer service framework, and on-going sales
Employees	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.
Financing Entities	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.
Investors & Shareholders	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.
Local Communities	Communication through industry organizations, lonnying activities, oarticipation in workshops, conferences and events, compliance reviews and action plans, and on-going communication.
Media	Communication through GeoPlatanares' website, press releases and informational notes, tours at our facility, and on-going communication.
Public Authorities, Policy Makers & Regulators	Engagement through our global Stakeholder Engagement Policy and relevant local communication strategies, tours and meetings at GeoPlatanares facilities.
Social & Environmental NGOs	Active participation in relevant events and conferences, donations, contributions and volunteering activities and cooperation in social and environmental projects and industry initiatives.

Local communities and social and environmental NGOs identified issues such as water preservation, local community engagement, local employment, corporate governance, philanthropy and volunteering as relevant issues. Finally, relevant stakeholders in the media and academia identified corporate governance, local community engagement, innovation and the encouragement of green energy as relevant issues.

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.



Our Strategy - Defining What's Material to GeoPlatanares

The figures above 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.

GeoPlatanares internal and external stakeholders were surveyed for their opinions and viewpoints regarding two aspects: the groups of stakeholders that are relevant to business and the issues that are of critical interest or concern to the stakeholder group within the context of their specific relationship to the organization. With regards to the latter, stakeholders were asked to rank a range of material issues according to the level of importance of the issue to their specific stakeholder group.

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, information from the news media and from benchmark studies on relevant issues for our business sector.

The materiality results presented on the previous page 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.

The results of the materiality survey are presented on the previous page in two ways. In the first, the table where the material issues which 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. In the second, in a graph matrix shows all the material issues together.

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.

U.N. Sustainable Development Goals











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

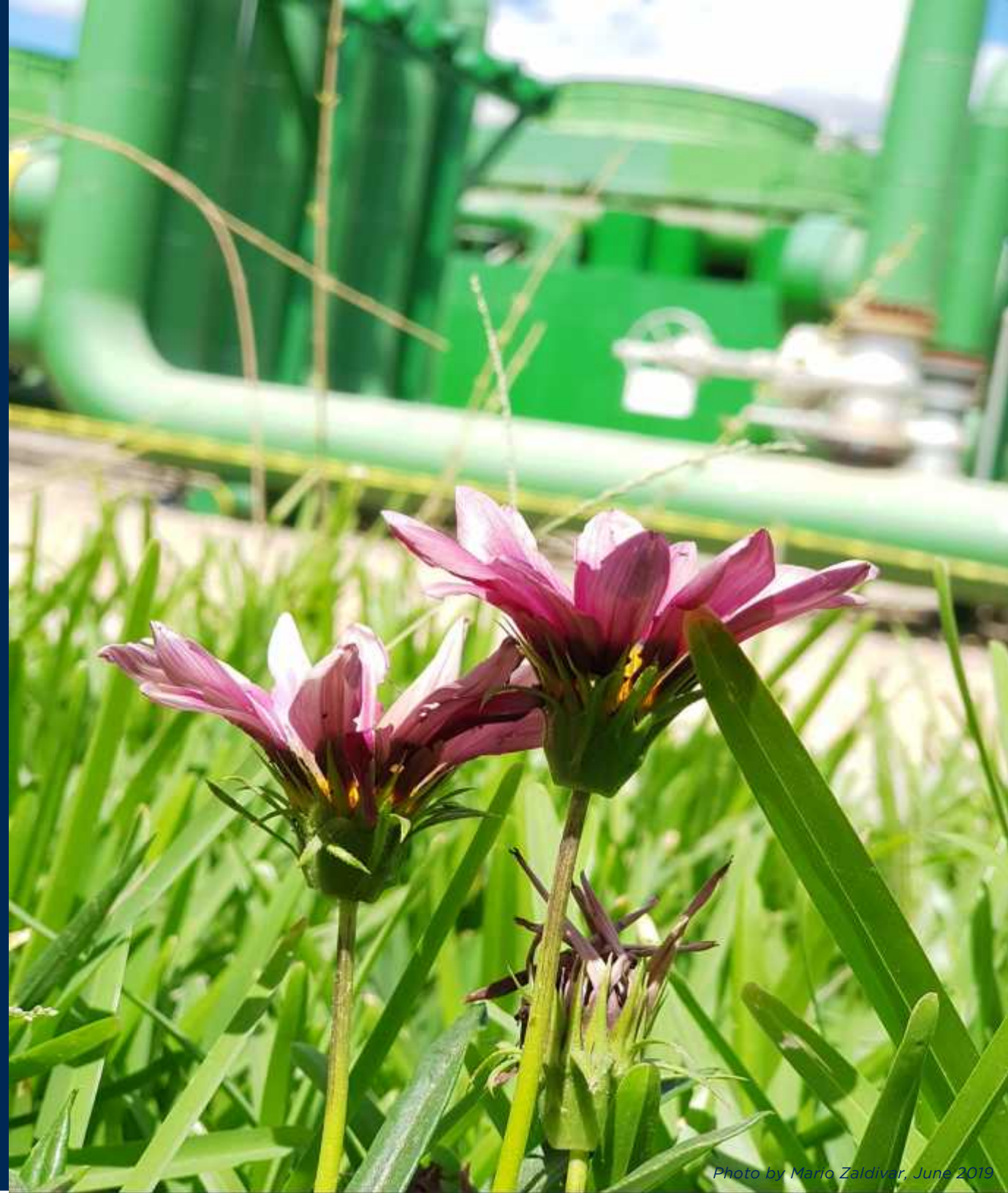
The United Nations (UN) adopted the Sustainable Development Goals (SDGs) as part of the 2030 Agenda for Sustainable Development (the "2030 Agenda"). The 17 SDGs and the related 169 targets were designed to address the world's most pressing social and economic issues. Furthermore, businesses play a role 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:

<p>2 ZERO HUNGER</p> 	<p>3 GOOD HEALTH AND WELL-BEING</p> 	<p>4 QUALITY EDUCATION</p> 	<p>6 CLEAN WATER AND SANITATION</p> 	<p>8 DECENT WORK AND ECONOMIC GROWTH</p> 	<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> 	<p>7 AFFORDABLE AND CLEAN ENERGY</p> 	<p>13 CLIMATE ACTION</p> 
<p>End hunger, achieve food security and improved nutrition and promote sustainable agriculture</p>	<p>Ensure Good Health and Well-Being for all</p>	<p>Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p>	<p>Ensure access to water and sanitation for all</p>	<p>Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work</p>	<p>Ensure sustainable consumption and production patterns</p>	<p>Ensure access to affordable, reliable, sustainable energy for all</p>	<p>Take urgent action to combat climate change and its impacts</p>
<ul style="list-style-type: none">) Alliance with the UN World Food Program) Employees with GPS Wellness Program) Food Baskets for the communities through the GPS Wellness Program) GPS Infrastructure Program) GPS CSR Committee) GPS CSR Fund 	<ul style="list-style-type: none">) GPS Wellness Program) GPS Safety Committee) Alliance with World Vision) GPS CSR Committee) GPS CSR Fund 	<ul style="list-style-type: none">) Alliance with World Vision) GPS Infrastructure Program) Alliance with the UN World Food Program) Alliance with Central American Medical Outreach) GPS CSR Committee) GPS Safety Committee) GPS CSR Fund 	<ul style="list-style-type: none">) GPS Infrastructure Program) GPS Wellness Program) GPS Safety Committee) GPS CSR Committee) GPS CSR Fund 	<ul style="list-style-type: none">) GPS Wellness Program) GPS Safety Committee) Alliance with World Vision) GPS CSR Committee) GPS CSR Fund 	<ul style="list-style-type: none">) GPS Wellness Program) Residual Water Management) Effluents and Waste) Suppliers 	<ul style="list-style-type: none"> • State of the art plant • Unique in its kind of customer choice • Flexible generation • 24/7 generation • Hundreds of thousands of tons of CO₂ avoided 	<ul style="list-style-type: none"> • Lower GHG emissions • Contributing to a lower carbon future • Sustainable energy • Country emissions avoidance goal • Reduced GHG fleet emissions • Science-based target • Commitment to sustainable supply chain • Climate-change principles

**OUR
ENVIRONMENT**



Mitigating Climate Change Risks with Less Emissions

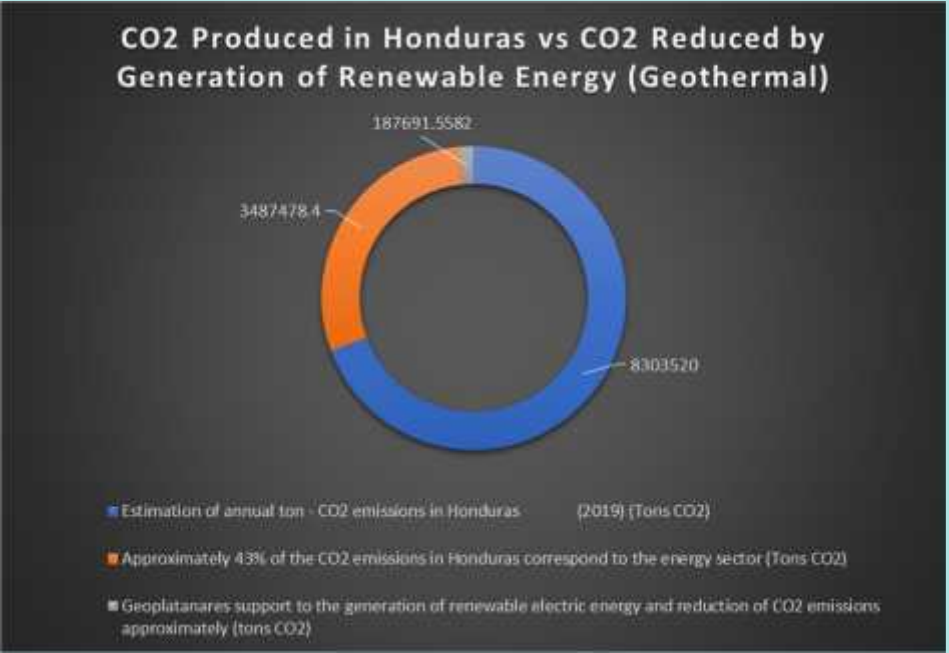
Our geothermal power plant has negligible levels of emissions. That said, we actively work towards the reduction of the GHG emissions generated through our operations and business practices, which includes commitments to reducing any subsequent climate change effects.



The consolidation approach for the calculation of our carbon footprint is 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 with the goal of estimating our level of impact and generated emissions and have set 2018 as the base year for our calculations. We make concerted efforts to both track and minimize our direct and indirect GHG emissions from our power plant and operations and to regularly report to the Honduran Ministry of Environment.

"Greenhouse gases" are defined by the U.S. EPA as "gases that trap heat in the atmosphere. These gases include: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and fluorinated gases, or high global warming potential gases.

Estimation of annual ton - CO2 emissions in Honduras	8303520
Approximately 43% of the CO2 emissions in Honduras	3487478.4
Geoplatares support to the generation of renewable	1876915.582



GEI Management energy sector in Honduras (CO2 tons/year)	
Estimation of annual ton - CO2 emissions in Honduras (2019) (Tons CO2)	8303520.00
Approximately 43% of the CO2 emissions in Honduras correspond to the energy sector (Tons CO2)	3570513.60
renewable energy which produces zero CO2 emissions and helps to reduce CO2 emissions	
The calculation factor for renewable energy plants in Honduras is 0.0006329 tonCO2 / kwh	
Geoplatares support to the generation of renewable electric energy and reduction of CO2 emissions approximately (tons CO2)	187691.5582
Geoplatares contributes annual in Energy Sector in Honduras the reduction of tons CO2 aproximately.	5.26%
Geoplatares contributes annual in all sector in Honduras the reduction of tons CO2 aproximately.	2.26%

Page 17
 GeoPlatares operating activities from our facility and purchased electricity, which include offices in San Pedro Sula, corporate automobile fleet and other contributors, **that is our direct and indirect GHG emissions, were 48.02 CO2 emissions of approximately tons in 2019.** Besides, our power plant facility generated more than 296 GWh of electricity. 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.

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.

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.

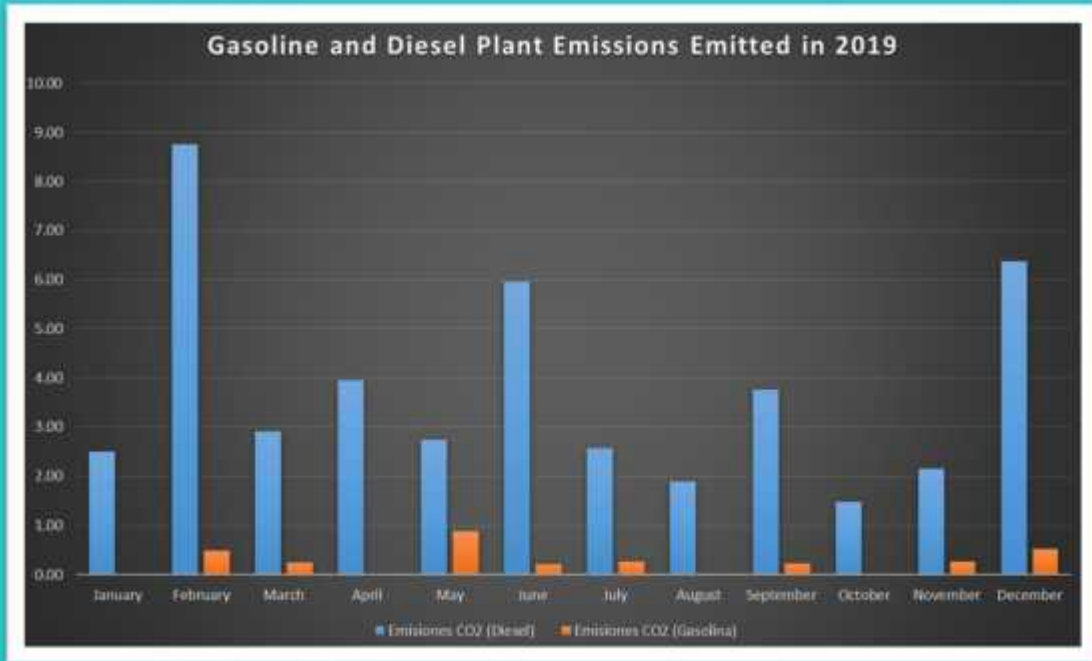
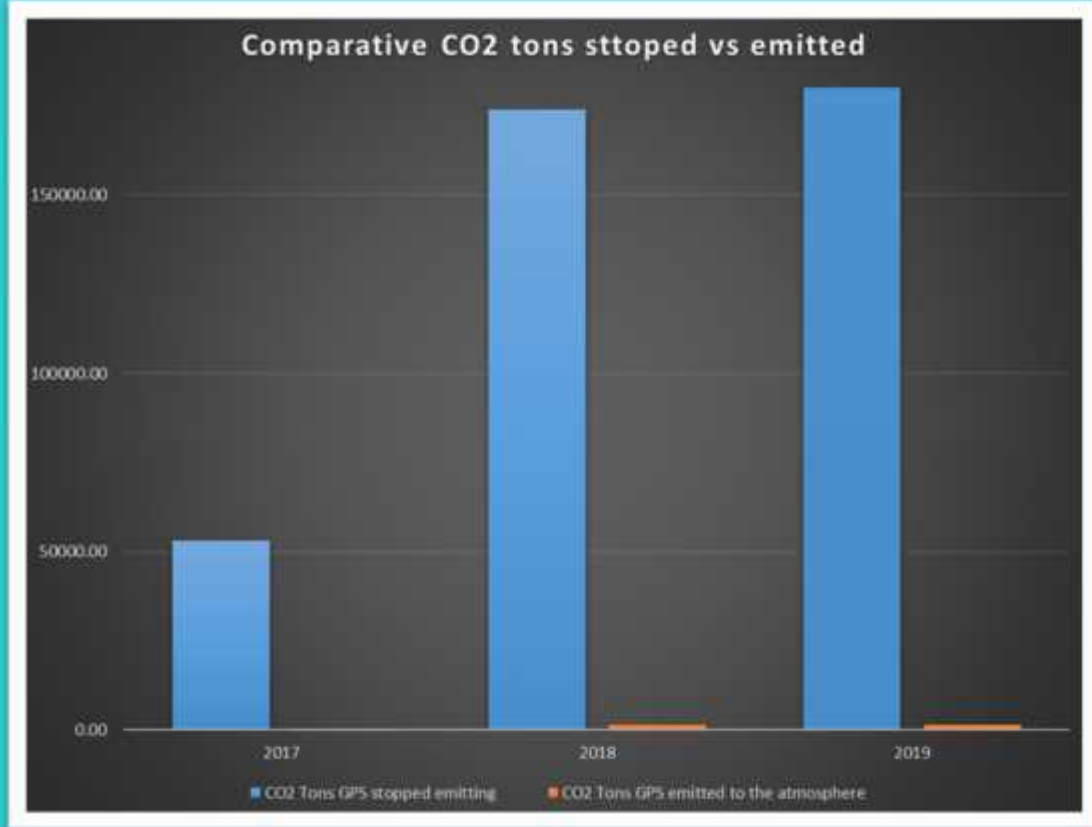


Photo by Brayan Lemus, October 2019

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 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: $\text{electricity (GJ)} = \text{electricity (MWh)} \times 3.6 \text{ GJ/MWh}$

Electricity Consumption in the Organization (GJ)	
Electricity Consumption	212.4

Electricity Sold by the Organization (GJ)	
Electricity Sold by the Organization	1,065,600

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 Lemus, June 2019

Management of Geothermal By-Products and Water Resources

The management of the geothermal resources required for geothermal energy generation and non-geothermal water resources are of key importance to GeoPlatanares and our stakeholders. 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 site, 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 resource - brine - which is composed of water, salts and other minerals that carry the heat from deep underground to the geothermal power plant on the earth's surface.

Our geothermal power plant involves reinjection and recirculation of the geothermal resource in what is known as “closed loop” system. 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 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)	2377.99	
2019 GPS Water withdraw by source		
Receiving water source	Fresh water (La Bufa River)	100%
(2) Total water consumed (m3)	2235.3	

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 2019, 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 that 80% of the water consumed was sent to the wastewater treatment plant (m3)		
Water source receiver	Fresh water (La Bufa River)	100%
(2) Total treated water (m3)	1788.25	



Photo by Brayan Lemus, June 2019

In 2019, 1,663.07 m³ of water were used for the use of GPS employees in the control room and 125.18 m³ of water for maintenance of the plant, adding up to a total of 1788.25 m³ of water used. It was contemplated for 2019 to be used more efficient water and we lowered it a 32% from a 2018 baseline.

↓ 32%
 Reduced water use
 (from a 2018 baseline)



Photo by Brayán Lemus, June 2019

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.

The following table details the types of hazardous and non-hazardous waste that were generated at our power plants in 2018 and how

GeoPlatanares has its own treatment plant for wastewater. During 2018 an approximate 1788.25 m³ were returned to the natural environment duly treated.



Approximately 21,266 liters of fuel were used in various activities producing an approximate 48.19 tons of CO₂ to the atmosphere, committing ourselves to reduce this number by 2019. An approximate 800 kg of organic waste was taken by the cleaning train to the municipal dump; 5 kg of metal and 1344 liters of oil burned, these last two were recycled, this activity being paramount for sustainable development.

The following table details the types of hazardous and non-hazardous waste that were generated at our power plant in 2019 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	2018	2019	2018	2019	2018	2019
	Batteries						20	
Construction waste								
Dichlorobenzene								
General waste						800		
Lacquer								
Lightbulbs - fluorescent								
Lightbulbs - other								
Metal - aluminum						5		
Metal - carbon steel								
Metal - chips								
Metal - general 1	Non-Hazardous Waste		Recycling		3618.17	0	GPS sold this type of waste to company "INVERSIONES MATERIALES" in San Pedro Sula for recycling	There are no records of metal waste in 2015
Metal - general 2	Non-Hazardous Waste		Recycling		2359.36	0	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.
Metal - general 3	Non-Hazardous Waste		Recycling		18190.18	0	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.
Metal - rust								No metal waste was generated in 2019. There are no records of metal waste.
Metal - scrap metal								No metal waste was generated in 2019. There are no records of metal waste.
Metal - steel								No metal waste was generated in 2019. There are no records of metal waste.
Motive Fluid - isopentane								
Motive Fluid - pentane	Hazardous Waste		Other		31500	13230	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
Oil	Non-Hazardous Waste		Recycling		2300	1344	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		GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling
Oily rags, used filters and other oil contaminated products						5		GPS sold this type of waste to company "LUBRICANTES MOYA" in Cofradia Cortes for recycling
Paint						0		No
Paper & Cardboard	Non-Hazardous Waste	Non-Hazardous Waste	Landfill	Landfill	26	140	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		This waste was sent by garbage truck to the municipal landfill of La Union Copan
Plastic waste - nylons						2		This waste was sent by garbage truck to the municipal landfill of La Union Copan
Wood - cut branches						0		
Wood - processed wood	Non-Hazardous Waste		Other		300	270	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



Photo by Brayan Lemus, October 2019



Photo by Brayan Lemus, November 2019



Photo by Diana López, May 2019



Photo by Mario Zaldivar, October 2019



Photo by Brayan Lemus, May 2019



Photo by Brayan Lemus, April 2019



Photo by Mario Zaldivar, April 2019



Photo by Diana López, November 2019



Photo by Diana López, March 2019

Biodiversity

Page 25

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 12,000 trees of various native species in 2019, thus contributing to the restoration of the natural ecosystem of the western region of Honduras.





Photo by Diana López, September 2019



Photo by Mario Zaldivar, June 2019



Photo by Brayan Lemus, October 2019



Photo by Mario Zaldivar, March 2019



Photo by Brayan Lemus, September 2019

**OUR
HEALTH &
SAFETY**



Ensuring a Safe & Healthy Work Environment

The health and safety of our employees, subcontractors, the public and the environment is an overarching priority at Geotérmica Platanares. We manage risks by identifying, assessing and controlling risks in every 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.



Occupational Health and Safety at GeoPlatanares

GPS operates according to the Honduran laws regulating the topics of health and safety, and where possible and practical, 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 and employee training on pertinent issues, among other topics.



Photo by Brayan Lemus, June 2019

NATIONAL LAWS



) FIRE PREVENTION AND SAFETY MEASURES AND CONTINGENCY PLAN:

Geotérmica Platanares is certified in compliance with fire prevention and safety measures and we have validated our contingency plan in accordance with the law of Honduran Fire Department in the decree No. 294-93 and the general regulation of preventive measures of accidents work and professional diseases.

) JOINT OCCUPATIONAL SAFETY AND HEALTH COMMISSION

In Geothermal Platanares, the mixed commission on occupational hygiene and safety was constituted 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 diseases in Honduras. This is an organization for the promotion and monitoring of health and safety rules and regulations within the company.



ACTA DE CONSTITUCION Y LEGALIZACION DE LA COMISION MIXTA DE HIGIENE Y SEGURIDAD OCUPACIONAL



Nombre de la Empresa: Geotermica Platanares S.A. de C.V.
 Nombre del empleador o representante: ELIO ALBERTO OROZCO
 Actividad Economica: Generación de Energía eléctrica Renovable
 Director: Campo Platanares, San Andrés Minas, La Unión Copan
 No. Trab.: 46 M 39 F 7 Teléfono: 2662-1066



El (los) suscritor(es) Inspector(es) de Trabajo, consultado(s) en la empresa referida procedió a constituir y legalizar la Comisión Mixta de Higiene y Seguridad Ocupacional de conformidad con el artículo 412.- del Código del Trabajo y artículos del 11 al 35 del Reglamento General de Medidas Preventivas de Accidentes de Trabajo y Enfermedades Profesionales, quedando constituida de la siguiente forma:

POR LA EMPRESA Nombres: Brayan Giron EDUARDO Tabora EDWIN PEREZ Ostin Salis Mauricio Rebollo Elio Alberto Orozco	POR LOS TRABAJADORES Nombres: Luis Miguel Gomez Diana Lopez Oscar Alvarado Ana Pineda Ludy Thomson Evelyn Puerto
--	--

Los(as) trabajador(es) a través de la Comisión Mixta de Higiene y Seguridad Ocupacional tendrán derecho a la información que maneje la empresa sobre los riesgos reales y potenciales del proceso productivo, materias primas utilizadas, tecnología y demás aspectos que sean necesarios para el conocimiento de los riesgos que afectan la salud física, mental y social de los trabajadores, así como investigar los riesgos profesionales, proponer medidas preventivas, celebrar sesiones por lo menos una vez al mes y remitir el Informe de actividades realizadas en los últimos seis meses a la Dirección General de Inspección de Trabajo.

Para constancia firma las partes en La Unión Copan a los 25 días del mes de Octubre del dos mil Dieciocho.

Firmas:  Jefe Regional de la Dirección de Inspección de Trabajo	Firmas:  Inspector de Trabajo
---	---

Edificio Plaza Azul, Col. Las Lomas del Guajaro Sur, Ave. Berlín, Calle Viena,
 Telefonos (504) 2232-4918 / 2235-3458 / 2232-6018 / Fax: 2235-3455 / 2235-3464
www.trabajo.gob.hn / info@trabajo.gob.hn / Tegucigalpa, Honduras, Centro América

ORMAT OVER OUR OCCUPATIONAL HEALTH AND SAFETY PROGRAM - STRIVING TO GO BEYOND COMPLIANCE

Safety is a key area of concern to us. We believe that the optimal, most efficient and profitable performance of our power plants can only be achieved by fostering a safe and healthy working environment. First and foremost, we follow the relevant health and safety rules and work regulations at each of Honduras, but we also go beyond compliance at the corporate level to ensure that the appropriate policies and initiatives are implemented wherever we operate. The goal of these efforts is to create an overall culture of safety for all of GeoPlatanares employees at our location. This includes the initiation of a compensation and incentive program for managers that considers the implementation of health and safety initiatives as a factor in evaluating performance and as a condition for receiving bonuses. In addition, we have an advanced online platform for recording, reporting and tracking safety and environmental incidents at our power plant and operational site.

As an Ormat's subsidiary our occupational health and safety program 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. We are always committed to safeguarding employees and assets, customers, the community and the environment.
- 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.

These EHS coordinators report to the plant and/or power plant manager and conduct work according to Company-wide EHS initiatives that are set by the Global VP QEHS.

The topic of Quality, Environment, Health and Safety (QEHS) is managed by Ormat's appointed Global VP of QEHS, who reports directly to the CEO. The Global VP of QEHS is responsible for oversight and management of the health and safety budget and relevant policies, processes, training and work practices across the organization. Plant managers at each of Ormat's operational sites and power plants are 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 coordinators are 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.

Ormat manages and monitors our QEHS performance at a global level for all sites using Microsoft's Power BI platform. All reports are categorized according to the criteria and performance metrics of the Occupational Safety and Health Association (OSHA) of the U.S. Department of Labor.

Ormat has a Company-wide KPIs for the implementation of our health and safety program for employees.

Through adoption of the KPI, we seek to emphasize the importance of sound health and safety activities at all sites, as well as express our commitment to learning and improving our health and safety performance. The KPIs measures, tracks and compares performance regarding our existing Safety Participation Program and will report on the following indicators:

-) **Safety Suggestions:** *Number of safety suggestions generated*
-) **Safety Observations:** *Number of safety observations performed by employees*
-) **Job Hazard Analysis (JHA):** *Number of JHAs completed or revised per quarter*
-) **Pre-Job Safety Meetings (PJSM):** *Number of documented PJSMs per month*
-) **Safety Inspections:** *Number of safety inspections per month*
-) **Safety Work Orders (and/or Completion of Safety Tasks):** *Number of safety work orders generated, or safety tasks completed*
-) **Safety Committee Meetings:** *Number of safety committee meetings conducted per quarter {KPI}*

KPIs

Geotérmica Platanares for the year 2019 obtained a rating in the evaluation of KPIs of 111%; qualification obtained by the participation of more than 90% of the employees in the 12 trainings provided during the year, for the preparation of inspections, observations and suggestions registered in the system and for following properly the procedures according to the type of activity and risk.

Incidents

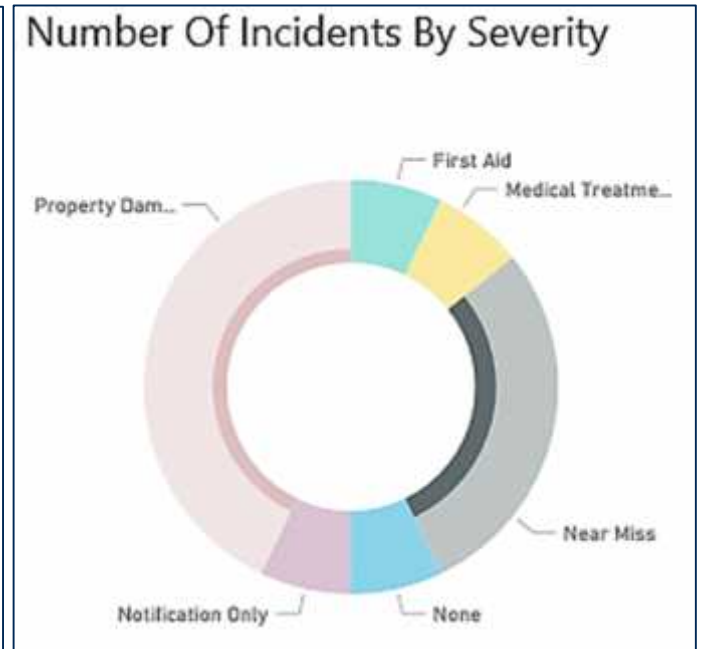
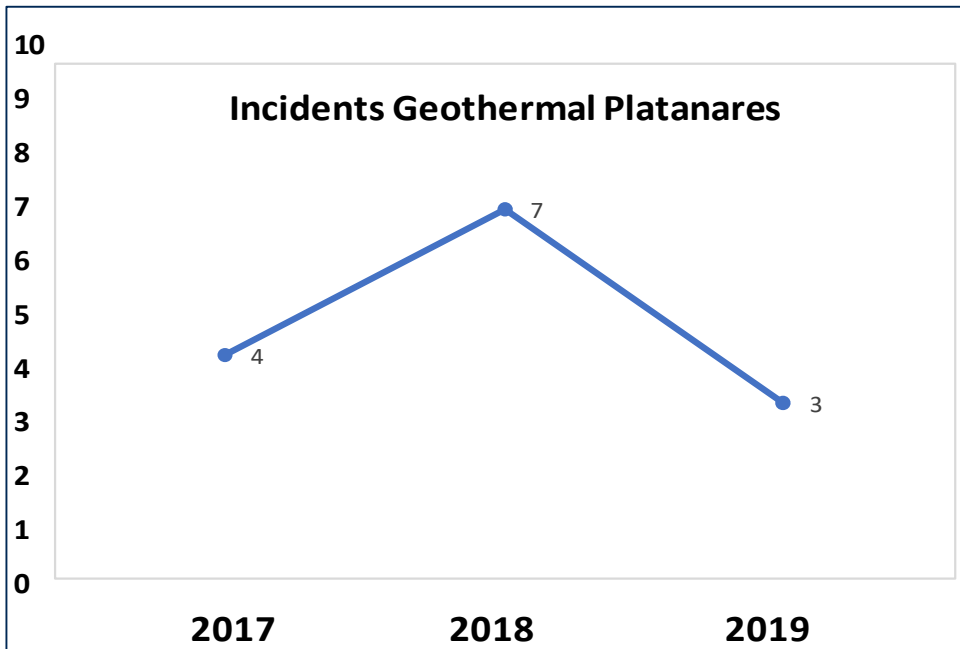
2019 was the year in which fewer incidents were recorded of the three years that Geotérmica Platanares has been in operation, having a total of only 3 incidents in the year. Two just near miss and one property damage.

Accidents

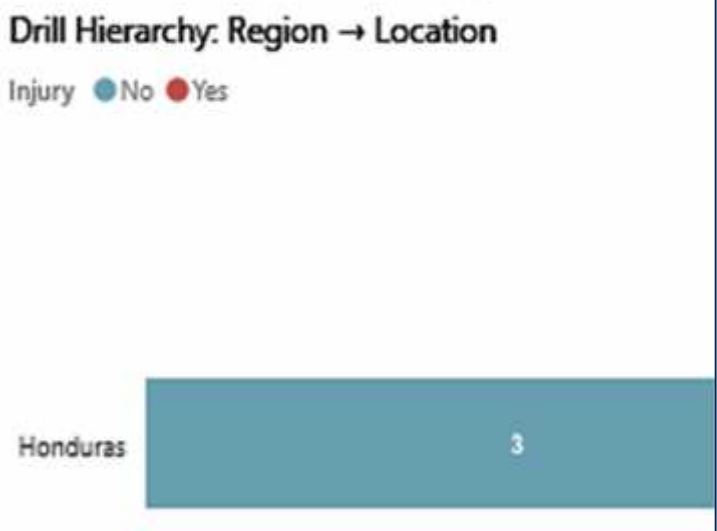
Geotérmica Platanares did not register any recordable accident through 2019

Safety KPIs

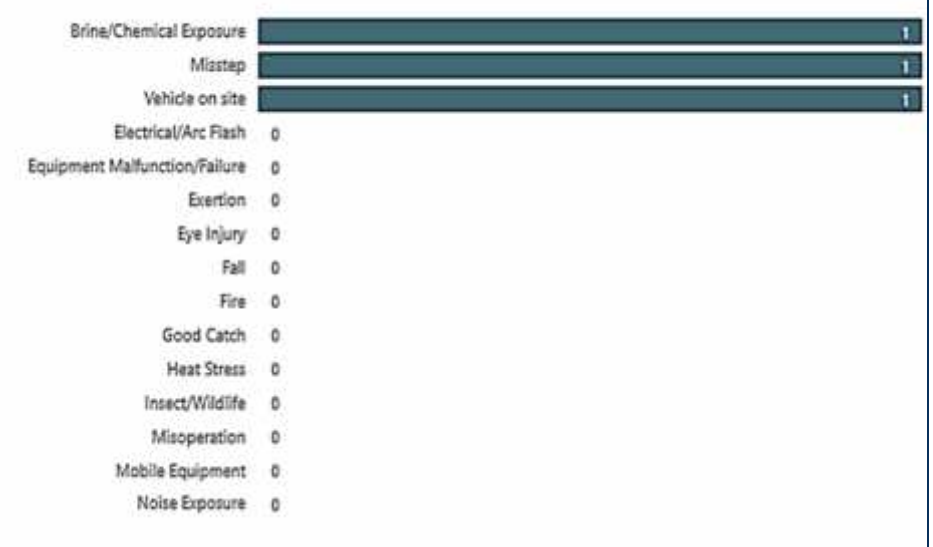
Location	Training	Suggestions	Observations	PJSM	Inspections	Tasks	JHA	Committees	Total Score
Platanares	10	10	8	10	10	10	10	10	111%



Number Of Incidents By Locations



Number Of Incidents By Classification → Injury Type



Our Integrated Quality, Environment, Health & Safety System Policy

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. The policy is enforced by the Company's Global VP QEHS and adherence with the policy, or the need for relevant revisions, is consistently monitored and assessed together with Company management.

The policy is publicly outlines our commitments to providing high quality products, conducting our business with care for the environment and for integrating our QEHS system into our business strategy and work processes. In addition, our Human Rights and Labor Policy 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. The policy was updated in 2018 to add more comprehensive information on our health and safety policies, initiatives and expectations, such as our full commitment to meet and go beyond all legal and regulatory health and safety requirements in our countries of operation and information on the industry standards that we adhere to.

INTEGRATED QUALITY, ENVIRONMENT, HEALTH & SAFETY SYSTEM POLICY

(Amended as of December 31, 2018)



1. ABOUT THIS POLICY

Ormat Technologies, Inc. (with its subsidiaries: "Ormat") is a leading global geothermal company engaged mainly in geothermal and recovered energy generation. As the owner, operator, designer, manufacturer and vendor of geothermal power plants, Ormat operates a certified integrated management system to manage risk and ensure the continuous improvement of the Company's performance.

Through its integrated management system, Ormat complies with relevant international codes and standards such as ISO 14001, ISO 9001, PED 2014/68/EU and ASME. Specific and measurable objectives are set annually and their achievement is assessed through continuous monitoring of the results obtained, of which management performs a periodic review.

2. QUALITY, ENVIRONMENT, HEALTH & SAFETY: VISION & PRINCIPLES

Ormat continuously works to expand its capabilities and maintain high performance levels, while adopting prudent, efficient and up to date QEHS methods. Ormat lives up to its commitment by:

- Providing high quality products and services to the full satisfaction of our customers;
- Continually improve working methods to support our business, while fulfilling relevant legal requirements and implementing appropriate international and national codes and standards;
- Conducting business with respect and care for the environment and without compromising health and safety standards, with regard for the interests of the general public, our employees, our suppliers, subcontractors, business partners and our customers;
- Maintaining organizational progress through guidance, training, advisory and communication tools, together with continued commitment to the Company's internal and external stakeholders;
- Recognizing that the enhancement of employees' skills and their involvement is essential in order to fulfill the needs of our Company and our customers.

3. OVERSEEING & IMPLEMENTING THIS POLICY

Ormat works to administer and implement its Integrated Quality, Environment, Health and Safety Policy in the following ways:

- Effectively integrating the QEHS System into the business strategies and working processes by developing, implementing and maintaining best practices using process-oriented methods;
- Addressing public and customer expectations while considering the impact of our practices, products and services on society and the environment;
- Measuring performance and developing targets and objectives to achieve continuous improvement and sustainability;
- Verifying compliance with pertinent law, regulations, codes and standards;
- Assessing, managing and mitigating health, safety, and environmental risks throughout the product life cycle;
- Holding all of our employees accountable to fulfill our commitments to our principles, while providing adequate resources to achieve our vision.


Isaac Angel
CEO

ormat.com



**GEOTÉRMICA
PLATANARES**
An ORMAT Company

2019

365 DAYS WITHOUT ACCIDENTS

0 TRIR, LTIR Y DART



HEALTH AND SAFETY DEPARTMENT





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 Traffic Safety, given that traffic accidents have become one of the most important causes of damage and deaths worldwide. That is why traffic safety is promoted by Geotermica Platanares by placing signage, traffic lights and zebra crossings to mention some.



Safety Trainings

COMPETENCE AND TRAININGS

The safety management system of Geotérmica Platanares ensures that all people who perform tasks inside or outside the premises and whose work can have a significant impact on the safety and health of the same as well as the work environment in which they are, are competent professionals and trained based on education, training and/or appropriate experience, and the associated records should be kept.

GPS will have to ensure that all people who perform tasks for the organization, which includes contractors, subcontractors, temporary staff and remote workers, have had an adequate assessment of their potential to work.



Safety training list 2019 GPS

item	Description	date
1	work at height	29/01/2019
2	Safe maneuver	29/03/2019
3	First aid	24/04/2019
4	approach limits, energized equipment	21/05/2019
5	LOTO (lockout tagout)	06/06/2019
6	Pentane	24/07/2019
7	Use and handling of extinguishers	29/08/2019
8	Confined spaces	26/09/2019
9	JHA (Job hazard analysis)	28/10/2019
10	Gestural signals	21/11/2019
11	Harness syndrome	23/12/2019
12	safety on holidays	23/12/2019

INFORMATIVE BROCHURES

SÍNDROME DE ARNÉS

El síndrome del arnés o trauma por suspensión se trata por suspensión en una posición relativamente poco conocida pero potencialmente fatal.

El síndrome del arnés o trauma por suspensión se da cuando un individuo queda suspendido al vacío, es decir, con las extremidades por debajo de la horizontal del tronco. Como consecuencia de esta posición, se acumulan grandes cantidades de sangre en las extremidades con falta de retorno venosa al corazón, de forma que éste recibe poca sangre para bombear hacia los órganos vitales.

Si esta situación se mantiene y el individuo es incapaz de moverse o se demora el rescate, en pocos minutos puede darse la muerte del accidentado por shock hipovolémico, al encontrarse la mayor parte del volumen sanguíneo distribuido y acumulado en las zonas más periféricas.

¿Cuánto tiempo tarda en aparecer el síndrome de Arnes?



Depende de cada persona. Los primeros síntomas pueden comenzar a aparecer en tan solo 5 minutos tras quedar suspendido.

Lo por eso que se recomienda, especialmente para trabajos en altura, disponer de una condición física acorde al nivel de esfuerzo y a la labor a realizar.



**GEOTÉRMICA
PLATANARES**
by OBMAT Company

SÍNDROME DE ARNÉS



Departamento de seguridad y salud ocupacional

Safety Step Para trauma de suspensión



Descripción

El Safety Step para trauma de suspensión es una opción de fuerza fabricada para reducir el potencial riesgo de suspensión en una caída con un arnés. El tiempo completo para la penetración de modo, los datos de fuerza de ruptura y el tiempo de reacción de reacción según las pruebas de modo de reacción de modo.

Últimos estudios

Una investigación demostró que, en promedio, se tarda en reaccionar a un peligro potencialmente letal por lo que se debe actuar con rapidez para evitar lesiones graves.

Una investigación de 12 semanas que se realizó con 5 tipos de arneses de seguridad, como resultado de la investigación se descubrió que, en promedio, se tarda en reaccionar a un peligro potencialmente letal por lo que se debe actuar con rapidez para evitar lesiones graves.

Una investigación de 12 semanas que se realizó con 5 tipos de arneses de seguridad, como resultado de la investigación se descubrió que, en promedio, se tarda en reaccionar a un peligro potencialmente letal por lo que se debe actuar con rapidez para evitar lesiones graves.

Tratamiento

El tratamiento de un síndrome de arnés o trauma por suspensión es un desafío. El tratamiento de un síndrome de arnés o trauma por suspensión es un desafío. El tratamiento de un síndrome de arnés o trauma por suspensión es un desafío.

Desde la primera referencia al síndrome de arnés o trauma por suspensión, se han realizado estudios en

ambos sexos de edad. En algunos casos, el síndrome de arnés o trauma por suspensión se produce en la primera hora después de haber sido rescatado, en otros casos, se tarda en aparecer, incluso hasta 24 horas. Esto puede deberse a la posición del cuerpo, a la posición del arnés, a la posición del cuerpo, a la posición del arnés, a la posición del cuerpo, a la posición del arnés.

El síndrome de arnés o trauma por suspensión se produce en la primera hora después de haber sido rescatado, en otros casos, se tarda en aparecer, incluso hasta 24 horas. Esto puede deberse a la posición del cuerpo, a la posición del arnés, a la posición del cuerpo, a la posición del arnés.



Podríamos preguntarnos todo el día describiendo accidentes que son fáciles de evitar. Y si examináramos cada uno de estos accidentes con elocuencia, seríamos que con un poco de sentido común se podrían haber evitado. Incluso los más extraños.

Hay muy pocos accidentes que ocurren en los fines de semana que se deben a situaciones muy peligrosas y difíciles de evitar. La mayoría de los accidentes son debidos a causas perdidas como abaje, complacencia, demotada confianza, etc.

Para terminar, quisiera que antes de empezar una actividad, cualquiera que sea, los fines de semana, dediquen unos breves minutos a considerar la forma en que deberán actuar para evitar que ustedes mismos, sus familias o cualquier otra persona, puedan resultar lesionados. Si actuamos de esta forma, será muy fácil evitar accidentes los días festivos.

UN DÍA
SEGURO,
SEGURO
QUE ES
UN GRAN
DÍA

© 2019 Geotermica Platanares



**GEOTÉRMICA
PLATANARES**
by OBMAT Company

**SAFETY EN LOS
DÍAS DE FIESTAS**



Departamento de seguridad y salud ocupacional

La prevención no debe descansar en los días de fiestas

Es muy común, para algunos trabajadores como cuenta de cuentas en el trabajo o en el hogar, en un momento de fiesta, cuando están fuera del trabajo durante las vacaciones y los días de fiesta.

A todos nos gustan los días de fiesta (¿quién no?). Y todos, todos en el mundo. Noche Buena o incluso un fin de semana largo. Y aquí fueron todos largos, pero los planes? ¿No son tan buenos y divertidos, algunos días de semana solo vienen desgracias personales a algunos de nuestros compañeros.

¿Qué días de accidente creen ustedes que se les ocurra, especialmente en un fin de semana? Ciertamente, el accidente de tránsito. No es un accidente el que en nuestro país muere según estadísticas 1820 personas en los caminos, anualmente.

Hasta el 31 de octubre de este año 2019 se registraron 1,046 accidentes viales. Las estadísticas de tránsito

demuestran más de 120 mil lesiones de tránsito por accidentes viales, se le suman más de 200 mil por accidentes en eventos de recreación y 20179 lesiones por accidentes.

Los accidentes de tránsito son la principal causa de muerte entre todos los grupos de edad. El riesgo de morir en un accidente de tránsito es más de tres veces mayor en países de bajos ingresos que en países de alto ingreso.

En promedio se registran 135 víctimas a tres días por cada día en el mundo. El 47% por causa de los eventos de tránsito ocurren al fin de semana.

Número registrado del 1 de enero al 31 de octubre 2019	
Accidentes de tránsito	1,046
Accidentes de recreación	201,799
Accidentes de eventos	20,179
TOTALES DE LESIONADOS	103,734
Muertes	1,717
Lesiones	102,017
Lesiones por accidentes	103,734
Accidentes de tránsito	1820
Accidentes de recreación	201,799
Accidentes de eventos	20,179
TOTALES DE LESIONADOS	203,734

Para todos los accidentes en los caminos los conductores ocupados en los

conductores, trabajadores, aunque el buen juicio es el más importante. Conducir un vehículo, manejar una máquina o cualquier otro equipo que no sea un instrumento de trabajo. Esto aparece principalmente en los días de fiesta.

Muchos conductores piensan que al llegar al destino es lo más importante. Conducir un vehículo, manejar una máquina o cualquier otro equipo que no sea un instrumento de trabajo. Esto aparece principalmente en los días de fiesta.

Para no ser sólo en los caminos en donde se puede sufrir accidentes los fines de semana hay que tener en cuenta los riesgos que existen en los días de fiesta. En los días de fiesta, hay muchos que manejan un vehículo, manejan una máquina o cualquier otro equipo que no sea un instrumento de trabajo. Esto aparece principalmente en los días de fiesta.


SAFETY INDUCTION TO VISITORS AND CONTRACTORS

For the Health and Safety department, the communication of security policies, risks, prohibitions, obligations and regulations is indisputable, for this reason, the induction of security to visitors and contractors is carried out as external communication.

The induction consists of the delivery of a map of risks in the main entree, reading of the policies that are in visible places of the plant, presentation with illustrative slides of the plant and document signed by all those who understand the exposition of the mentioned topics in induction.

Inducción a visitas

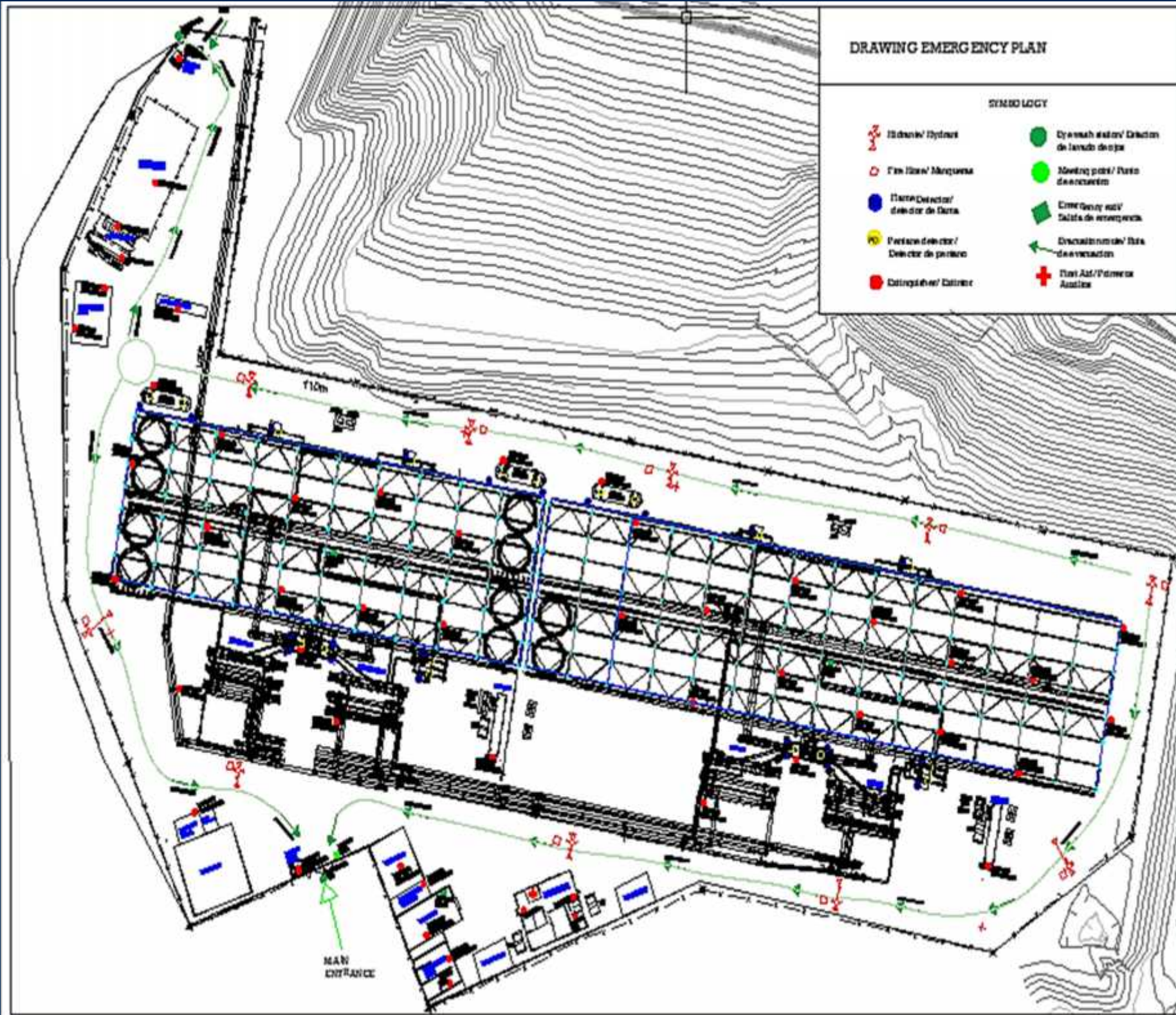
Fecha: 22 de agosto de 2019
Expositor: Brayan Giron Lemus



Listado de Asistencia

No	Nombre	De donde nos visita	Firma
1	Montim Mayorquin	UNITEC	[Signature]
2	Héctor R. Andino	UNITEC	[Signature]
3	Ara Elvira Alvarado	UNITEC	[Signature]
4	Fadua Fernanda Espinoza	UNITEC	Fadua e.
5	Carlo Alfredo Lora	UNITEC	[Signature]
6	Karenth Stankovitz Garcia	UNITEC	[Signature]
7	Isaque Dileida Espinoza Lora	UNITEC	[Signature]
8	Andrea Nicollet Ribón	UNITEC	[Signature]
9	Sophia Eloise Arceñas	UNITEC	[Signature]
10	Delno Ande Guardado	UNITEC	[Signature]
11	César José Núñez Rosa	UNITEC	[Signature]
12	Luis Fernando Vasquez Marquez	UNITEC	Luis V.
13	Wilson Ricardo Rivera	UNITEC	[Signature]
14	Wendy Nicole Romero	Unitec	[Signature]
15	Romero Alda (MIS)	Unitec	[Signature]
16	Giann Carlo Sanchez	UNITEC	[Signature]
17	Jonathan Olaya Pareda	"	[Signature]
18	Diana Salas	Unitec	[Signature]
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			





OBLIGATIONS

ATTENTION !

THE USE OF PPE IS REQUIRED WHEN MAKING THE ROUTE.

GEOTERMICA PLATAMARES

BY ENTERING OUR FACILITIES YOU MAY BE EXPOSED TO THE FOLLOWING HAZARDS:

ELECTRICITY

GEOTHERMAL FLUID AND MOTIVE FLUID

HEIGHT

SLIPPING SURFACES

HOT SURFACES

¡SEGURIDAD PRIMERO!

SÉ CUIDADOSO SÉ CONSCIENTE

SAFETY FIRST!

BE CAREFUL BE AWARE

GEOTERMICA PLATAMARES



COURAGE SECURITY

A security guard is the person in charge of protecting the physical integrity of the persons and material property of the company where work, having technical resources at his disposition as its experience and technological means as CCTV and community radios.

SECURITY TEAM

Geotérmica Platanares Security Force provides on-site security for our site operations office and Plant. It is the first line of protection for the personnel, property, operations and reputation of Geotérmica Platanares. The Project Security Force role is defensive and preventive. Our Security team is trained to protect Geotérmica Platanares in a manner that safeguards its employees, facilities and ability to operate, as well as the reputation of the company and the human rights of employees, local communities and any visitors to the Project, providing direction, organization, integration and continuity to its security and asset protection program. It is written with the understanding that effective security and the regard for human rights are fully compatible.

MISSION SECURITY

Geotérmica Platanares Project Security ensures that all staff, contractors and visitors working in the Project area can do so in a safe and secure environment. It also ensures all facilities are kept safe and secure as well as ensuring all Project operations are unhindered and providing effective security operational support to all Project activities.

TRAININGS

Our security team are trained in legal, security, human development and safety areas



OUR PEOPLE



Photo by Brayán Lemus, June 2019



Employment and Skill Development

As of the end of 2019, we employed some 50 full and part-time employees. We are an equal opportunity employer and are committed to creating and maintaining a workplace where our people feel motivated to give their all and realize their professional and personal goals. As such, GPS relies on employee input, ideas and enthusiasm to create authentic, relevant methods of engagement and to enable our Company to work more proactively, safely and in tune with the local communities in which we operate.

Despite our diverse workforce in terms of their geographic origin and professional capabilities, we encourage integration and a sense of togetherness among our employees. We cultivate a transparent and diverse work environment and encourage our employees to support our mission of generating positive social and environmental value. These principles are central to our model of labor and employment and we look to hire individuals who express a keen understanding and exhibit a personal example of our 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**

Many aspects of our outlook towards employment are managed through our Human Rights and Labor Policy that puts into writing GeoPlatanares' employment values as you can see a section of it on the left. Our Plant management and Human Resources department ensure that these policies and their relevant conditions are upheld in our dealings with employees, and that our employees fully understand and comply with our expectations.

Employees with grievances regarding management of the issue of employment can report to their direct manager, the Human Resources department, the Secretary of the Corporation or the relevant Code of Ethics contact person.

Our Employment Framework

We rely as much as possible on our own employees for all aspects of conducting our business. We use our own employees to operate and maintain our power plants. We work to accommodate our employees with both full and part-time positions based on their personal, professional or academic needs.

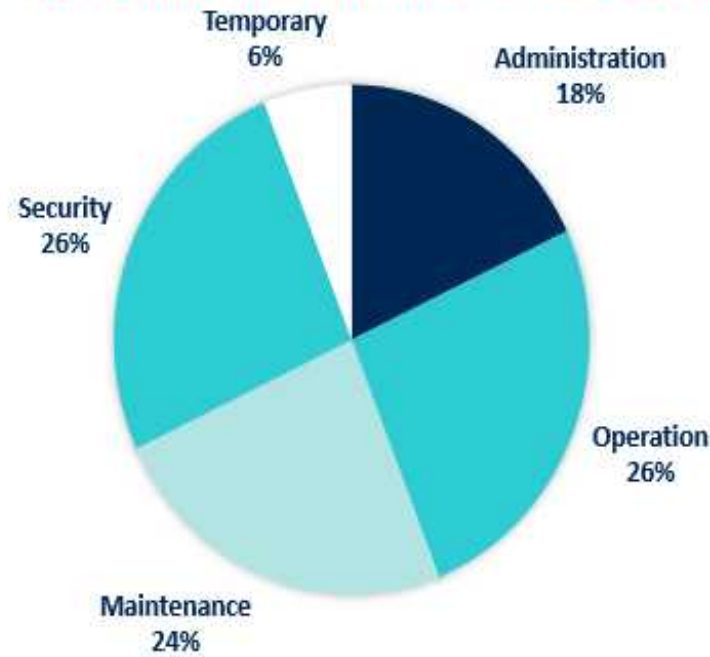
In addition, the vast majority of our employees – 94 percent - work with us on a permanent and on-going basis, with a very limited number of positions being filled by temporary employees. Our subcontractors are mainly employed for the completion of specific projects or tasks and to address other professional capacities, as needed.

On the right side is a breakdown of GeoPlatanares' employees per age, gender and employment type at year-end 2019.

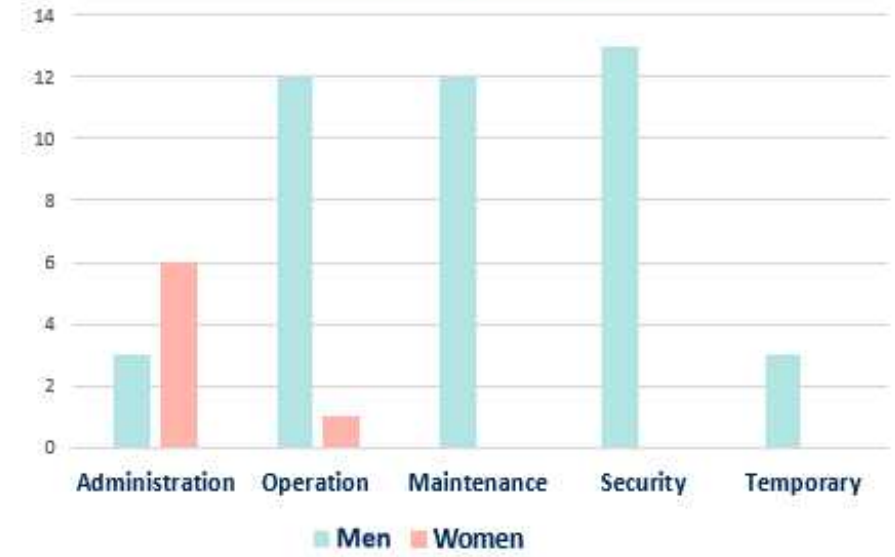
Equality in Employment

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.

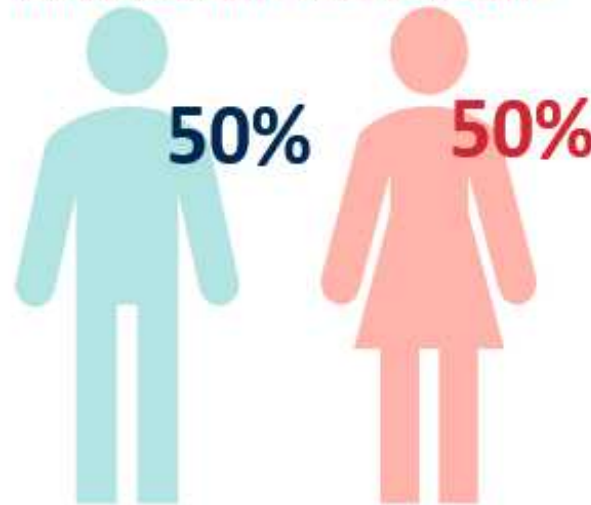
COLLABORATORS BY HIERARCHICAL LEVEL



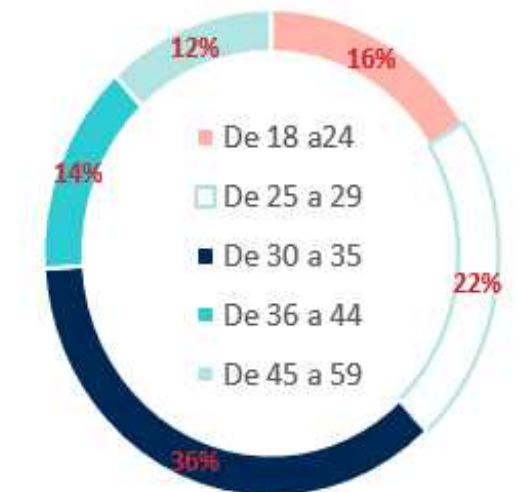
GENDER DISTRIBUTION BY HIERARCHICAL LEVEL



GENDER DISTRIBUTION MANAGEMENT AND HEADSHIP



AGE RANGE OF EMPLOYEES





We work to ensure that our employees come from diverse age groups. The majority of our employees are between the ages of 25-35, but we also have a significant number of employees who are age 45 and older as well as 24 and younger. As an equal opportunity employer, we do not discriminate against employees on the basis of their age.

Furthermore, as an equal opportunity employer, all qualified applicants for employment with GPS receive consideration for employment without regard to race, sex, age, color, religion, marital status, sexual orientation, gender identity, veteran status, status with regard to public assistance, source of income, national origin, citizenship status, disability, or any protected status.

GPS' hiring processes are managed and designed by the our Human Resources team. The team considers new employees according to their professional capabilities and experience and in terms of their fit with the relevant position. In addition, the team considers the employees' fit in GPS' culture, such as with our workplace values, ethical and behavioral expectations according to the Company's Code of Business Conduct and Ethics, and personal and professional goals regarding the opportunity to work at GPS. Employment with GeoPlatanares is based solely on the Company's requirements and the individual's qualifications.



GeoPlatanares strives for equal employment opportunities for women and for minorities. We have not set organizational goals for the number of women and minorities working with us. However, We adhere to all relevant legal frameworks governing equality in employment through which we seek to hire individuals from underrepresented and/or minority groups. That said, it is important to stress that Geotérmica Platanares first and foremost considers a potential candidate's professional skills and their overall qualifications for the position, and only then hires the most qualified candidate for the said position. This is in line with our commitment to complete professionalism paired with zero tolerance for discrimination in the workplace.

We offer equitable and competitive pay and benefits and health insurance to all of our employees. We also offer a wide variety of professional development opportunities designed to help individuals excel at their current responsibilities and to advance in their careers. In unfortunate cases of employment termination or end of employment, GeoPlatanares has an organized framework in place for providing these employees with their rights and benefits. The Company adheres to all relevant legal obligations according to the Labor laws of Honduras.



Photo by Brayan Lemus, June 2019

Subcontractors

While the majority of our activities are carried out by our permanent and temporary employees, we work with subcontractors for some special tasks. These subcontractors usually fulfill various roles such as site grading, road construction, civil among others.

Collective Bargaining Agreements

As of December 2019, 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.

Employee Benefits

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.

Some examples of the additional benefits that GPS provides to employees include: health and dental insurance, disability coverage, additional vacation days and other benefits beyond local employment laws. GeoPlatanares affords these benefits to its permanent full and part-time employees.

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.

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 to 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.

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.





Training and Educational Opportunities for Our Employees

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.


 GEOTÉRMICA PLATANARES <small>An ORMAT Company</small>		TRAINING PLAN GEOTERMICA PLATANARES												FO-RH-07	
														Version: 1	
		Elaborated by: RRHH dept.			Date last version: 03 de Diciembre 2018			Page: 1/1			Revised by				
		Approved by													
YEAR		2019													
No.	Training Topic	Direct to	Ene	Feb	Mar	Abr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Observations
EXTERNAL TRAINING															
1	Legislation applied to Private Security	Department of Physical Security													Imparted Abog. Roxana Lanza
2	Voluntary principles of private security	Department of Physical Security													Imparted by Jorge Acosta
3	First Aid	Department of Physical Security													Imparted by Cuerpo de Bomberos SRC
4	Management skills	Operation and Maintenance managers													Imparted by ADEN
5	Fire Control	Department of Physical Security													Imparted by Cuerpo de Bomberos SRC
6	First Aid certified	Maintenance, Operation, Admon													Imparted by CAMO
7	Work at height	Maintenance, Operation, Admon													Imparted by Cuerpo de Bomberos SRC
8	Work at height certified	Health and Security													Imparted by Dinamik
9	Personal development	Department of Physical Security													Imparted by CRECERH
10	Confined spaces	Maintenance, Operation, Admon													Imparted by Cuerpo de Bomberos SRC
11	Use and manage for fire extinguishers	Maintenance, Operation, Admon													Imparted by Cuerpo de Bomberos SRC
12	GRI certified	Social development													
13	Team Building	All departments													Imparted by CRECERH
INTERNAL TRAINING															
1	Policy Socialization prevention of harassment and discrimina	All departments													Ana Pineda
2	Safety trainings	All departments													Brayan Lemus
3	Safety talks	Maintenance dept.													Edwin Pérez
4	GRI TRAINING	Managers													Diana Lopez
5	ODS training	All departments													Diana Lopez
NO PROGRAMMED TRAININGS															
1	Direct uses for geothermal	Operation													Cooperacion Alemana



Photo by Diana López, March 2019



Photo by Diana López, March 2019

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 2019, the proportion of senior management hired from the local communities in our plants was 98%. 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.



OUR COMMUNITIES



Photo by Mario Zaldivar, June 2019



Supporting and Shaping Sustainable Communities and Futures

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. 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.



Patronage of San Andrés Minas



Patronage of Palania



Patronage of El Cedro

Page 36
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.

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 door” policy.

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 2019, 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.

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:



Based on these SDGs, GPS began engaging in programs with local and international development organizations to maximize the impact of its social investments. For example, GeoPlatanares committed to working with the World Food Program locally, which provides meals for local school children. We also invested heavily in improvement to the local health center and medical infrastructure. To address SDG 6, Ormat's plant funded a water filtration and distribution system, together with the local municipality. These initiatives are the first outcomes of a multi-year plan that will be enlarged and reinforced in 2019 and beyond.

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.



GEOTERMICA PLATANARES S.A de C.V

ANNUAL GENERAL SCHEDULE

CORPORATE SOCIAL RESPONSIBILITY PLAN

DURACIÓN DE LA EJECUCIÓN DE ACTIVIDADES EN MESES

Current Degree of Compliance

Cost of Investment

CSR 2019

2019


MONTH

January February March April May June July August September October November December

Programs	Activities	MONTH												Current Degree of Compliance	Cost of Investment		
		January	February	March	April	May	June	July	August	September	October	November	December				
1 Community Relations	Community Health and Safety							X									L 222,000.00
	Mother's Day Celebration, 2019					X											L 90,403.00
	Children's Day Celebration, 2019									X							L 60,000.00
	Social Center 2019																L 951,455.00
	Sector 5 Road																L 99,853.91
	Sport Court 2019															X	L 359,720.00
	Christmas Celebration, 2019															X	L 58,341.60
	Main Road Maintenance				X							X					L 539,000.00
2 Health	WFP Meals Schools and Kindergarten		X														L 218,322.17
	CAMO Medical Brigades				X												L 341,000.00
	Materials for Roof Construction									X							L 71,638.61
3 Education	Scholarships	X				X				X							L 960,000.00
	Milk Gabriel Isaac Perez									X	X	X	X				L 17,000.00
	English as a Second Language Project (ISL)					X	X	X	X	X	X	X	X				L 300,000.00
												Total Invested	L 4,288,734.29				

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.

RSEGPS - 301		No. (internal):			
		ENVIRONMENTAL AND SOCIAL MANAGEMENT SYSTEM Diana López: e-mail: dlopez@ormat.com / Movil: 9435-9486 Edgardo Tabora: e-mail: etabora@ormat.com / Movil: 9435-9420			
Page 60					
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:		<input checked="" type="checkbox"/> Community Relations <input type="checkbox"/> Education <input type="checkbox"/> Health <input type="checkbox"/> Environmental			
Name of Project : REMODELING OF SOCIAL CENTRE OF SAN ANDRÉS					
Requested by:		<input checked="" type="checkbox"/> Community <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Municipality <input type="checkbox"/> Other:			
Description: The activity consists of building 4 restrooms, 3 uninals, 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 :		<input checked="" type="checkbox"/> Infrastructure <input type="checkbox"/> Education <input type="checkbox"/> Health & Safety <input type="checkbox"/> Environmental			
(OPIC) IFC's Performance Standard subscribed:		<input checked="" type="checkbox"/> PS1 Assessment and Management of Environmental and Social Risks and Impacts <input type="checkbox"/> PS2 Labor and Working Conditions <input type="checkbox"/> PS3 Resource Efficiency and Pollution <input checked="" type="checkbox"/> PS4 Community Health, Safety, and Security			
		<input type="checkbox"/> PS5 Land Acquisition and Involuntary Resettlement <input type="checkbox"/> PS6 Biodiversity Conservation and Sustainable Management of Living Natural Resources <input type="checkbox"/> PS7 Indigenous Peoples <input type="checkbox"/> PS8 Cultural Heritage			
(SDG) Sustainable Development Goal subscribed:		<input type="checkbox"/> SDG 1 No Poverty <input type="checkbox"/> SDG 2 Zero Hunger <input checked="" type="checkbox"/> SDG 3 Good Health & Well-Being <input type="checkbox"/> SDG 4 Quality Education <input type="checkbox"/> SDG 5 Gender Equality <input type="checkbox"/> SDG 6 Clean Water & Sanitation <input type="checkbox"/> SDG 7 Affordable & Clean Energy			
		<input checked="" type="checkbox"/> SDG 8 Decent Work & Economic Growth <input checked="" type="checkbox"/> SDG 9 Industry Innovation & Infrastructure <input type="checkbox"/> SDG 10 Reduced Inequalities <input checked="" type="checkbox"/> SDG 11 Sustainable Cities & Communities <input type="checkbox"/> SDG 12 Responsible Consumption & Production <input type="checkbox"/> SDG 13 Climate Action <input type="checkbox"/> SDG 14 Life Below Water			
		<input type="checkbox"/> SDG 15 Life on Land <input type="checkbox"/> SDG 16 Peace, Justice & Strong Institutions <input type="checkbox"/> 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, Brayán Girón					
Contractor Approved: Constructora y Taller Miranda		Phone: 9948-6304			
Responsible from Contractor on site: Adolfo Miranda		Phone: 9834-6151			
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. -
Total	L. 951,455.00	L. 5,000.00	L. 25,000.00		L. 981,455.00
V. OBSERVATIONS					
Approved by: Elio Orozco					
PO: <input checked="" type="checkbox"/> Created <input type="checkbox"/> Approved					

Infrastructure



ROADWAY

improvements to to San Andrés Minas were one of the major infrastructure improvements that GPS underwrote during 2019. 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.



SAN ANDRÉS SOCIAL CENTRE

Remodeling of the main social building of this community has been one of the most expected projects by the community as this finally leaves a place for renting to celebrate all kinds of town meetings and social gatherings such as weddings and birthdays, leaving this an income to sponsor smaller projects.

ROOFS FOR EL CEDRO

The community of El Cedro is one of the poorest communities of the area. And the whole community decided they were not going to have any celebrations such as Mother's Day, Children Day or the Christmas Food Baskets that GeoPlatanares usually gives to the communities, but instead they wanted at least three roofs for the poorest amongst them.

So, they asked the municipality of La Unión for the blueprints and gave us the list of materials to buy them, and they will build the roofs with volunteers from the community.

Even though this project hasn't been the most expensive one for GPS, for sure it has been the one that has stolen the hearts of all the employees as it has shown all of us the power of love and togetherness in a community.





Photos by Diana López, 2019



Health & Wellness

CAMO BRIGADES

The Central American

Medical Outreach is a foundation that provides, between others, medical brigades.

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

We started with 200 dental care treatments for children between the ages of 7 and 16.

We also provided 100 mammography tests to women from 35 years of age. 120 cytology exams were also provided.



WORLD FOOD PROGRAM MEAL

We provide the 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 5 educational centers including kinder garden of our communities. There were also donated the appliances, water tanks, food storage containers, paint and other materials to repair the school area to keep the food ingredients.



SAFETY AT THE COMMUNITY

When it comes to safety in the community this

year the subject was Traffic Safety, given that traffic accidents have become one of the most important causes of damage and deaths worldwide. That is why traffic safety is promoted by Geotérmica Platanares by placing signage, traffic lights and zebra crossings to mention some.



INDOR FOOTBALL COURT

This place will also leave an income to the community as it is rented by the hour to the people that loves to play this sport. This project also comes to enhance the health and wellbeing of people of all ages at the community as well.



4 QUALITY EDUCATION



Quality Education

ENGLISH AS A SECOND LANGUAGE

This project has a nationwide importance as it is the very first time a regular public-school center will be transformed into a Public Bilingual School, as the bilingual schools existing in the country are all private institutions. Even though this is the first year and we are starting with the kinder garden level and will start in 2020 the first-grade level, it has already began to change the education system impact as it doubled the enrollment in the community school already. We are working in alliance with the Ministry of Education.

SCHOLARSHIPS

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



Environment

REFORESTING

In 2019 we reforested over 12,000 trees in different watersheds and areas of the region. Most of those trees were planted with the help of

students of the various educational centers 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.



RECYCLING

As a compromise with promoting taking care of the environment, GPS had 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.





Brief Appendix on COVID-19

Impacts of COVID-19

The outbreak of pandemic Covid-19 all over the world has distressed the political, social, economic, religious and financial structures of the whole world.

As an electric power generation company, GeoPlatanares had to keep working even though most of the companies in Honduras has to shut down due to this health emergency including the mine company where 90% of the people of our communities works at.

Mitigating Impacts of COVID-19 in the communities

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.

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 2,500 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.

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

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. 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.



**GEOTÉRMICA
PLATANARES**

an **ORMAT** Company

ADDRESS OF THE PROJECT

GEOTÉRMICA PLATANARES, S.A. de C.V.

Calle Principal Campo Platanares

Municipio de La Unión, Departamento de Copán

Honduras, C.A. Tel.: (504) 9435-9486

