

espacios naturales
y desarrollo sustentable



25 years

Restoring
the future



ANNUAL
REPORT **2020**

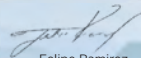
The first Non-Governmental Organizations (NGOs) were born in the middle of the last century, as a societal response to the need for structures that could attend to social requirements that public powers were either unable to cover due to a lack of resources or unwilling to participate in. In this way, NGOs offer an important and selfless contribution to society, seeking a better world for all, through their participation in issues such as hunger, education, health, the economy and social rights.

Environmental issues were not excluded from the sphere of social interests and concerns. Indeed, there have been important advances at the international level, largely thanks to the intense and arduous participation of NGOs at various levels of society. However, these advances have not been enough. The COVID-19 pandemic and the terrible havoc it has caused are but one example of the many that exist (Zika, AIDS, SARS, Ebola) that force us to insist on the close relationship between the environment, the economy, society and health.

The very appearance of this pandemic should be reason enough to protect and preserve nature. However, we are seeing the complete opposite: illegal logging, forest fires, droughts, depleted fisheries, migration, etc. All these problems will be exacerbated by the hasty resource-reduction and cost-cutting for environmental conservation. If only we could take into account that the damages caused by this pandemic aren't even a glimmer of what society will have to face given the effects of climate change, the mistakes being made would be clearer for all to see.

Given that it belongs to all of us, it is essential to continue working to raise awareness about the importance of the environment and its defense. At the same time, conservation, restoration and fundraising activities must be strengthened in both the medium and long term.

In an ideal world, NGOs would be unnecessary. However, they remain fundamental in the search for a new relationship with the environment, given that no one else carries out the activities or fills the role of NGOs. With one more year of work carried out, Espacios Naturales y Desarrollo Sustentable A.C. (Endesu) reiterates its commitment to showing that the conservation of our natural capital is essential for the well-being of society.



Felipe Ramirez

President of the Board of Directors
Espacios Naturales y Desarrollo Sustentable A.C.



2020 was a very different kind of year for the entire planet, due to the appearance of the novel SARS-COV-2 virus, COVID-19, and their effects on all nations. In Mexico, their impact on public health, economic activities and the social fabric were, and continue to be considerable. For those of us who are part of Endesu, it was an especially significant year because on October 12, 2020, our association celebrated 25 years of uninterrupted work. Reaching a quarter of a century is a good time to stop along the way and reflect and evaluate our journey.

We have set out with the mission to promote and encourage the conservation and sustainable management of natural resources in Mexico, in order to preserve our heritage of natural capital for future generations. At the same time, we seek to have impact and to leave a mark on both the social and natural environments. We want our work and results to make a difference and establish our presence. We define freedom of thought, speech and action as core values of our organization, as well as respect and tolerance towards ideas and people, responsibility, honesty and solidarity.

On a day-to-day basis, our mission, vision and values are expressed through the development and implementation of projects. This starts from project conception, with defined and measurable goals in space and time which allow us to quantify and evaluate their design and performance, and continues throughout project execution in the field. Our mission, vision and values also reflect our approach to project administration and financing. We take pride in making a point of transparent management of economic resources as well as all project legal, accounting and fiscal aspects.

Endesu's trajectory is the history and the sum of its projects.

After 25 years of work, the impact of our activities is physically present, and can be measured and evaluated. Thousands of conserved hectares, preserved forests and jungles, restored wetlands, springs, rivers, streams and lagoons that have in turn regenerated ecosystems. There are also threatened species whose populations have recovered, and thousands of people who have experienced environmental awareness and education.

We have worked hand-in-hand with more than 600 communities throughout the country to preserve and improve their resource-use, their quality of life and their environment. Likewise, we have had the support and trust of more than 550 people, organizations and companies. We have received and channeled more than a billion pesos for the conservation of natural resources.

Our organization is a space of freedom, innovation and growth. We distinguish ourselves by delivering results and meeting our commitments within a framework of transparency, as well as legal and financial responsibility.

This 2020 report is the latest photo of the future of Endesu, the most recent X-ray of the organization. Our history is reflected within it. There are new projects whose operation is starting with focus on the short and medium term. Other projects are decades old, they have matured and may take new directions. There are projects whose cycles are ending, but there are also new ones that came together at the end of the year and give us a new perspective for the future.



These projects have to do with natural resource management and protection, with the recovery of threatened species and their habitats, with the regenerative restoration of ecosystems, with support for protected natural area operation, with new conservation and financing schemes, with environmental awareness and actions to face climate change. There are projects financed by national and international donors, companies and institutions. This year, for the first time, no funding comes from the federal budget of the Mexican government.

Most of our activities are the result of alliances and collaboration with different social actors. What has been achieved would not have been possible without your support and trust. For this, we thank all those who have accompanied us for all these years. From within our scope of action, we are proud to be a part of the global movement to achieve Sustainable Development Goals (SDGs) and for 25 years of contributions to restoring our future.



Josef Warman Gryj

General Director
Espacios Naturales y Desarrollo Sustentable A.C.



In 2015, as part of the 2030 Agenda for Sustainable Development, United Nations member states approved 17 goals and a 15-year plan in which to achieve them. Subsequently, at the Sustainable Development Goals (SDGs) summit held in September 2019, all social sectors were summoned to a decade of action to promote the necessary transformations in order to achieve these goals.



Endesu, as a civil organization whose mission is to conserve, restore and promote the sustainable use of natural resources in Mexico, has joined the efforts that organized civil society, communities and individuals can all make to achieve the goals established in various SDG, namely:



2 Hunger and food security

We work with rural communities on the management and productive restoration of their land, farms and productive units. We focus on agroecological techniques and best practices for food production and harvesting, both for home use and sale, as well as the recovery of ecosystem services in the communities' productive areas.



4 Quality education

We operate training centers focusing on issues of conservation, climate change and sustainable development in various ecosystems (deserts, forests, jungles and wetlands). Workshops and classes are aimed at all audiences, with an emphasis on young people of all educational levels.



5 Gender equality

We foster respect and encourage the active, equal and equitable participation of women and young people in all our projects and at all levels of our organization.



8 Decent work and economic growth

We seek to show that economic growth and the conservation of natural capital are a possible and indispensable pairing in order to guarantee societal well-being. Likewise, we encourage and foster entrepreneurship, and the formalization and creation of micro and small companies linked to the sustainable production of goods and services.



12 Responsible consumption and production

Endesu's activities are aimed at sustainable management and efficient use of natural resources, as well as providing relevant information and knowledge for sustainable development and lifestyles in harmony with nature. We encourage sustainable community-based tourism that promotes culture, conservation and consumption of local products.



11 Sustainable Cities and Communities and 13 Climate Change



In coordination with authorities and communities, we promote the adoption and implementation of actions for the efficient use of resources, the mitigation of climate change and adaptation to climate-related risks.

We have generated strategies, exhibits, workshops and specific educational materials to create environmental awareness regarding the mitigation of climate change, adaptation to it, the reduction of its effects and early warning.



15 Life of terrestrial ecosystems

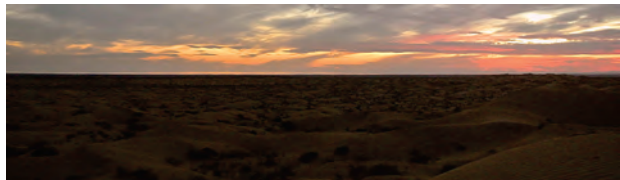
Our work focuses primarily on the conservation, restoration and sustainable use of terrestrial ecosystems and inland freshwater ecosystems and the services they provide, particularly forests, coastal wetlands, mountains and arid zones.

We promote the sustainable management of all types of forests through afforestation and reforestation with a comprehensive landscape-scale vision.

We seek to reduce natural habitat degradation and to stop the loss of biological diversity through the management and conservation of priority species and their habitat.

We support actions within Protected Natural Areas to adopt measures to prevent the introduction of invasive alien species and reduce the effects these have on ecosystems.

We support the capacity of local communities to promote sustainable livelihood opportunities that prevent poaching and trafficking of protected species.



- Environmental restoration
- Sustainable development
- Species recovery
- Environmental awareness
- Institutional coordination



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SOCIAL MANAGEMENT FOR SUSTAINABLE DEVELOPMENT IN THE PARAISO MUNICIPALITY

In the last quarter of 2019, Endesu began the operation of a social management and sustainable development program in the coastal strip of the Paraiso municipality, Tabasco, with a 3-year work outlook.

Through four lines of action, Endesu seeks to strengthen local productive capacities and promote values for the protection, restoration and sustainable use of natural heritage.

During 2020, program operation had to adapt both to the conditions generated by the COVID-19 pandemic (which prevented activities involving social contact from April to August) as well as the extraordinary weather conditions (rains and floods) that occurred in the state of Tabasco between October and December.



Implementing a new operational approach and the use of available technological resources, it was possible to adapt and modify the activities to achieve the goals set for 2020.

Sustainable backyards. This line of action seeks to implement the sustainable backyard model and obtain ecological, economic and health benefits through the installation and training regarding production in backyard gardens. The activities carried out include:

- An agreement with the Polytechnic University of the Gulf of Mexico for the construction of an 150 m² school module on campus. This module includes vertical and extended production systems, compost and vermicompost.
- Surveys carried out to assess participants' knowledge on vegetable garden management, their doubts and interests in what species to plant, as well as land conditions in three ejidos on the coastal strip.
- Selection of 84 plots where backyard gardens will be installed. Garden management and production monitoring training will be given.

Oyster production. To improve "suspension" system oyster production, using oyster bed exploitation and recovery measures, in adherence to carrying capacity limits. In 2020:

- We signed a collaboration agreement with the Organization for Tourism and Fishing Services (Organización Servicios Turísticos y Pesqueros; ORMES), to place 4,500 rings with one million seeded oyster shells and provide technical support, monitoring and joint surveillance to a half-acre pilot module.
- We achieved the collaboration and involvement of the Government Secretariat for Forest Development and Fisheries (Secretaría de Desarrollo Forestal y Pesca del Gobierno; SEDAPOP) of the state of Tabasco.
- Despite the heavy October and November rains, we estimate 80% survival (800 thousand organisms) and approximately 30.7 tons at harvest, which is a higher production than what would be expected with traditional management



Environmental culture program. The goal is to integrate natural heritage protection, restoration and sustainable use activities, in order to achieve:

- Generating themes for the "Green Schools" environmental education program.
- Nine school workshops on local cultural values for six schools, and 293 participating students.
- Three community-wide environmental events that included the society at-large of the Paraíso municipality.
- 180 children participated in the first children's drawing contest with the theme "The natural wealth of the Mecoacán lagoon".



Capacity building. This fourth action aims to strengthen the academic and technical capacities of young people in the Paraíso communities, in order to improve their professional and human development opportunities.

- We signed agreements with six undergraduate students interested in participating as community promoters, applying their technical and academic knowledge in favor of their community.

STRENGTHENING CAPACITIES TO REDUCE VULNERABILITY TO CLIMATE CHANGE IN THE USUMACINTA RIVER BASIN

The Usumacinta river catchment is one of the most biodiverse and least polluted hydrological systems in Mexico. However, climate change effect projection models rate this region as having high socio-environmental vulnerability due to unusual meteorological events, such as floods and extreme droughts.

To face these challenges, Endesu, in collaboration with the Directorates of the Pantanos de Centla and Cañón del Usumacinta Natural Protected Areas (ANP), developed an initiative to strengthen capacities to reduce socio-environmental vulnerability due to change climate effects in the Usumacinta basin.

This project aims to strengthen institutional capacities and community resilience to face the effects of climate change by setting up, training and equipping collaboration networks between these two ANPs. Also, to demonstrate the operation of eco-technologies, via pilot projects, for adaptation to climate change effects at the community and family level.

Despite a series of events including sanitary restrictions due to COVID-19 and the strongest floods recorded in the state of Tabasco, which caused project activities to be rescheduled and adapted to the circumstances experienced throughout the year, all the set project goals were achieved.



The environmental and civil protection authorities' capacities regarding the effects of climate change and adaptation and mitigation measures were strengthened through:

- Online diagnostics with 80 participants clarified what issues that needed to be reinforced.
- Five workshops on the effects of climate change in the Usumacinta river basin with the participation of 88 municipal officials.
- Delivery of 60 climate change educational packages to municipal authorities and participating ANPs.
- Signing of an inter-municipal agreement to implement coordinated adaptation actions in the middle and lower Usumacinta River catchment zones, with the participation of the Government Secretariat of the state of Tabasco.
- Formation of five 10-people brigades (one per municipality) trained and equipped to prevent and attend to the effects of hydrometeorological phenomena in the area in a coordinated manner.



Five communities (one per participating municipality) have diagnostics regarding vulnerability to extreme weather events, and work plans to determine the actions that should be implemented in the short, medium and long term to face them. This encompasses 149 people including officials and brigadistas (field staff).

We built ecotechnology demonstration models in each participating community, to show technologies now available for adaptation to climate change, including wood-saving stoves, water catchment systems and stilt house platforms.

SOCIAL AND ENVIRONMENTAL VALUE CHAINS FOR ECONOMIC-PRODUCTIVE RECOVERY IN MILPA ALTA



Milpa Alta is the second largest rural mayorality in Mexico City. It is home to an important natural reserve that provides important environmental services for both the city and the center of the country, such as water production, climate regulation, soil retention and carbon sequestration. It also protects high biodiversity and maintains an important agricultural production.

Given this background, Endesu collaborated with the Mexico City Commission for Natural Resources and Rural Development (CORENA) on the "Socio-environmental value chains for economic-productive recovery in Milpa Alta" project, whose aim is to achieve agroecological transitions for Mexico City. These, in turn, will have long-term impacts on conservation lands, through concrete productive innovation actions using pilot territorial intervention models that allow technical-biological needs to be met.

In 2020, for the first project phase, Endesu provided technical support to six production units that received Altépetl-CORENA Program resources to establish agroforestry and agrosilvopastoral systems. In turn, these will give way to plot productive reconversion while fostering environmental restoration of the properties. Endesu's guidance allowed:

- The implementation of sustainable agroforestry systems in four productive units (20.5 hectares). These incorporate forest species, fruit trees and native crops, as well as a milpa system intercropped with fruit trees (MIAF) with crop rotation with forage species.
- The incorporation of sustainable agrosilvopastoral systems in two productive units (nine hectares). These have annual crop rotation of corn and forage species, fruit trees were planted and a semi-stable module for sheep was built.



As part of the plot reconversion process, producers received training on:



- Soil conservation works, including contour terracing.
- Composting modules for each productive unit.
- Management of milpa with native corn interspersed with fruit trees.
- Construction and placement of gopher traps.
- Physical mistletoe control in both forest and fruit trees within the plots and surrounding areas.
- Crop rotation through the annual sowing of heirloom corn, followed by forage crops (oats and vetch).
- Building and maintenance of water catchment pots..

COMMUNITY REFORESTATION IN LA ENCRUCIJADA

La Encrucijada Biosphere Reserve (REBIEN) is a wetland of national and international importance that preserves representative ecosystems for the country, such as mangroves, tular and popal forests, floodplain and medium rainforests, coastal dunes and aquatic vegetation. Despite its importance, this protected area faces serious threats, particularly from exotic species, among which are the African or oil palm (*Elaeis guineensis*).

To address this situation, different social sectors (civil society organizations, companies and the government) have generated the Multi-Stakeholder Work Plan, which seeks to promote the sustainability of oil palm in REBIEN and its area of influence.

As part of this plan, Endesu, in collaboration with Ecología, Sustentabilidad e Innovación A.C. (ESI), seeks to restore the sites where oil palm populations have been eliminated through community reforestation in priority areas within the REBIEN.



The goal for 2020 was to reforest 25 hectares of arboreal wetlands, but this could not be achieved due to COVID-19 pandemic restrictions. However, progress was made on:

- The reforestation of 14 hectares with button mangrove.
- Agreements with 135 people from three communities to participate in the project.
- Maintenance of 15,000 plants in a community nursery, to be planted in 2021.





STRENGTHENING ACTIONS FOR CONSERVATION AND SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES IN THE SIERRA TARAHUMARA

During the second semester of 2020, Endesu lent support to the National Commission for Protected Natural Areas (CONANP) in carrying out actions to strengthen biodiversity conservation, integrated landscape management and ecological connectivity of Protected Natural Areas (ANP) that participated in the Sustainable Tarahumara Project (PTS).



We collaborated with the North and Sierra Madre Occidental Regional Directorates (DRN and SMO) as well as the Mohinora, Bassaseachic, Tutuaca and Papigochi ANPs, to assure they had the necessary goods and services that allowed them to carry out the following actions:

- Monitoring and evaluation of pilot project results regarding best sustainable use practices, established in six communities.
- Two community brigades were equipped to follow up on fire management actions, forest sanitation, and monitoring of forest pests and diseases.
- Acquisition of materials and supplies for repair and maintenance of a field station, trails and tourist viewpoints, as well as rehabilitation and placement of new signage in the Sierra Tarahumara ANP.
- Certification process follow-up, for six areas voluntarily destined for conservation (ADVC).
- Implementation health authority protocols established for COVID-19 prevention during the execution of follow-up activities.
- Preparation and distribution of material regarding conservation actions carried out in the Sierra Tarahumara.
- Document on lessons learned within the PTS framework, which incorporates recommendations and improvement actions for the development of future projects financed by the Global Environment Facility (GEF) and participating partners.

STRENGTHENING OF MONITORING AND COMMUNICATION ACTIONS IN BANCO CHINCHORRO AND XCALAK

Endesu supported the directors of the Banco Chinchorro Biosphere Reserve and the Arrecifes de Xcalak National Park (PNAX), located in the state of Quintana Roo, in order to maintain, conserve and sustainably harvest natural resources in both Protected Natural Areas (ANP). Supervision and surveillance actions were strengthened within the reserves, and the communication and education programs were supported. These two aspects of work seek to reduce the amount of environmental violations in both areas, in addition to designing and carrying out communication and educational activities with fishermen's cooperatives, local residents and tourism service providers, as well as coastal zone inhabitants and visitors.

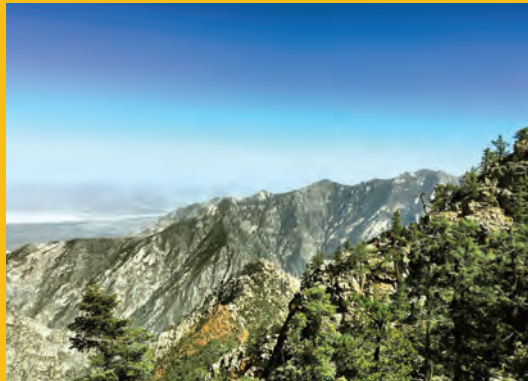
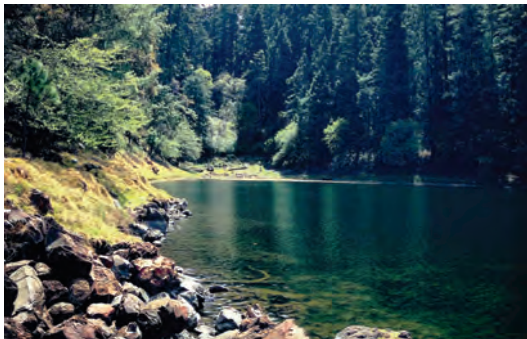


Health regulation based movement restrictions generated to prevent COVID-19 infections, and budget adjustments at the federal level, made it necessary to reprogram surveillance routes and adapt communication and educational activities to digital media. Despite the challenges faced, 80% of the programmed goals were achieved and the following were carried out:

- 124 marine and terrestrial supervision and surveillance tours in both ANPs. These included participation by government institutions such as the National Aquaculture and Fisheries Commission and the Secretariat of the Navy, as well as the port captain and cooperative members that are part of the PNAX community monitoring and surveillance committee.
- Eight digital broadcast events to commemorate the anniversary of both ANPs.
- 22 dissemination materials published through the social networks of both ANPs.

REGIONAL CONANP DIRECTORATES OPERATIONAL SUPPORT

In response to the COVID-19 pandemic that began in 2020 and impacted the national economy, the federal government issued austerity measures for federal agencies and entities. These measures led to a 75% budget-cut for the National Commission for Protected Natural Areas (CONANP). To face this situation, the Technical Committee of the Fund for Natural Protected Areas (CTFANP) agreed to allocate extraordinary resources to support the operation of CONANP's regional offices



Endesu's participation, in close coordination with CONANP, consisted of managing resources to support the operation of the Baja California Peninsula and North Pacific Regional Offices, as well as those for the Northwest and Upper Gulf of California, the Center and Neovolcanic Axis, and the Northeast and Sierra Madre Oriental. The goal was to ensure that Natural Protected Areas (ANP) operational staff had the basic goods and services required to carry out priority conservation actions. Support included the acquisition of material and supplies to prevent possible COVID-19 contagion among CONANP management and operational staff.

PENINSULAR BERRENDO RECOVERY PROGRAM

Endesu and the National Commission of Protected Natural Areas (CONANP), with the support of various partners and funding sources, have operated the Peninsular Pronghorn Recovery Program (PRBP) for 24 years. The goal of the program is to recover and protect the species as well as its historical habitat in the coastal plains of the El Vizcaíno desert in Baja California. Since 2004 Endesu operates the Berrendo Station Environmental Management Unit (UMA).

The program began with the capture of five fawns and we currently estimate a total population of 650 specimens. 500 of these pronghorns are being managed in facilities within 50,000 hectares of historical habitat kept exclusively for this species, and fenced to prevent domestic livestock entry.

Since its inception, local communities have participated in the PRBP, and this has achieved a project feeling of appropriation process by the ejidos that participate in the program. Because of this, we are now able to carry out pronghorn reintroduction from Berrendo Station II, the UMA with extensive management, to their historical habitat within the El Vizcaíno Biosphere Reserve (ReBiVi).

The PRBP is Endesu's longest-running project and from the start it was designed to be able to reintroduce the largest number of specimens possible into the wild, with the participation of local communities.





During 2020 Endesu directed its efforts to transfer the technical and scientific bases for the operation of daily pronghorn management and husbandry to groups of ejidatarios. We did this through a training workshop divided into different modules that included the following topics:

- Introduction and PRBP background
- Community-based environmental education.
- Herd management in different ways: Animal health management.
- Herd management in different ways: Food management and nutrition program.
- Fawn bottle-feeding
- Censuses, monitoring and surveillance.
- Capture and translocation of pronghorn to breeding stations.
- Environmental services.
- Genetics and reproduction.
- Maintenance of facilities.

Due to the COVID-19 pandemic, nine theoretical modules were taught through digital media and later four practical field sessions were given to members of the ejidos El Costeño, Benito Juárez and Matarranchos.

We have now laid foundations that will allow a herd of 200 peninsular pronghorn to be reintroduced to their historical range in the El Vizcaino Biosphere Reserve starting in 2021, thus achieving the long-term vision that the PRBP first began with.



THE PROJECT STARTS
WITH 5 RECENTALS

1997



REINTRODUCTION OF A HERD OF 200 PRONGHORNS
IN THEIR HISTORICAL RANGE BEGINS

2021



CALIFORNIA CONDOR REINTRODUCTION PROGRAM

In 2016, Endesu joined the Project for the Reintroduction of the California Condor (*Gymnogyps californianus*) in the Sierra de San Pedro Mártir National Park (PNSSPM).

This program has become an example both nationally and internationally through the commitment by technical personnel who have specialized in the subject for almost 20 years, as well as the uninterrupted efforts of various federal, national and international agencies and civil society organizations to conserve this bird and its habitat in Mexico.



Currently, the condor population in the PNSSPM has reached 44 specimens, 14 of which were born in the wild, within the national park. This population increase and healthy maintenance are the result of specialized and constant care that includes monitoring activities, lead-free supplementary feeding, lead detoxification for condors that have ingested it, bird handling, vaccination, health status checks via weighing and blood sampling and facilities maintenance (including the aviary), among other actions.

During 2020, Endesu continued its close collaboration with CONANP and the Mexico City Secretariat of the Environment through the Chapultepec Zoo, to follow up on monitoring activities for California condors released from the zoo population, as well as the release of three more condors, also born in Mexico City.

These activities included the following:

- Satellite telemetry, which provides immediate information on the state or condition of each bird and allows evaluation of daily movements, possible roosting sites, and facilitates finding the birds in case they approach or remain near communities or towns that may affect their adaptation to the wild.
- Conventional telemetry, which allows condor presence on-site to be accurately tracked and, if a bird requires assistance, it can be rescued or handled if necessary.
- Daily monitoring and visual records make it possible to verify the physical conditions of each specimen and the evolution of their social behaviors during the introduction period into the wild population, given that condors have a complex and hierarchical social structure.





ENVIRONMENTAL CULTURE CENTERS

Starting in 1998, Endesu has operated various cultural and environmental awareness centers located in ecosystems such as deserts, forests and tropical forests, as well as islands, rivers and swamps, in order to generate a cultural change in the perception by society (both local and visitors) regarding the value of ecosystems, their functioning and their environmental goods and services.

In each center we have dedicated ourselves to spreading knowledge about the value of the ecosystem in which they live to local communities and promoting the importance of conserving ecosystems to visitors in Protected Natural Areas (ANP). We have seen and used these centers as a space for meeting, dialogue and learning in which, through various events, all conservation actors coexist: the ANPs, local communities, civil society organizations and authorities from different levels of government.

During 2020, the operation of the environmental culture centers was seriously affected by the COVID-19 pandemic, since they were closed to the public for most of the year. However, maintenance and basic operating activities were carried out without interruption.

Whenever local sanitary conditions allowed, the centers reopened their doors to the general public, having to adapt their facilities and establish sanitary protocols in accordance with the standards issued by state and federal authorities to prevent COVID-19 infections among visitors.

It should be noted that while the centers were closed, they remained in contact with their user communities via networks. In all cases, this generated an increase in the number of followers on these platforms. The following stands out for each center:



LA CASA DEL AGUA “UYOTOT’ JA” (THE HOUSE OF WATER)

Inaugurated in 2002, its mission is to promote values for the protection, conservation and sustainable use of the planet's natural heritage in society. Specifically, to promote the importance of the Centla wetlands in Tabasco, the largest wetland in Mesoamerica, where a third of Mexico's fresh water circulates

In 2020, La Casa del Agua was open from January to April and September to December, receiving a total of 1,579 visitors. 337 of these participated in 22 environmental awareness workshops, and 97 in five adaptation to climate change courses.

The most relevant event was La Casa del Agua becoming an example of adaptation to the effects of extreme meteorological events.

Historically record-breaking rains and flooding events occurred in Tabasco in October and November. Despite water levels being the highest they have ever been since written records have been kept in Tabasco, La Casa del Agua had no flood problems because it was built on stilts in an area where the wetland has been restored. This confirms that ecosystem conservation and the use of adequate infrastructure make it possible to adapt to the impacts of climate change.

Social network followers of La Casa del Agua (<https://www.facebook.com/UyototJa>) increased by 34% compared to the previous year.



"SCHUK TOAK" MUSEUM AND CENTER FOR NATURE CONSERVATION CULTURE

This center was inaugurated in 2009 and has since been operated and administered by Endesu in close collaboration with the Directorate of the El Pinacate and Gran Desierto de Altar Biosphere Reserve. Schuck Toak seeks to promote and strengthen conservation culture among the local population and visitors to the Sonoran desert, through a constantly updated environmental education program and a strategic communications and awareness plan.

During 2020 the Culture Center operated in the first and last quarter of the year and received a total of 2,431 visitors.

To celebrate the official declaration of the ANP, conversations with professionals who have found their source of research or inspiration in the ANP were transmitted through Facebook. There were also story reading and childrens activities. These videos are still available on the Facebook page and at <http://www.elpinacate.com.mx>



información

The "Pinacate Species" series production is ongoing. This series contains information on various species of flora and fauna that can be found in the reserve. To date, there have been 40 different publications that include notices and reminders of environmental dates.

In the last week of October, within the framework of conservation week, events and virtual talks were held on nature photography, native plants and the role of psychology in environmental conservation.

Preventive and corrective maintenance activities were carried out throughout the year, as well as supervision and surveillance of the culture center, the biological station and the scenic route within the natural protected area.

"YA AX TUNICH HA" TRAINING CENTER
FOR SUSTAINABLE DEVELOPMENT
OF THE USUMACINTA RIVER

The center was open and operated during the first and last quarter of the year, serving 43 people who participated in three environmental awareness workshops.

Unfortunately, the floods that occurred in November had a direct impact on the center, which prevented the reopening of its on-site museum.



CONSTITUCIÓN DE 1857 NATIONAL PARK

This imposing national park is characterized by coniferous and chaparral forest, as well as a system of small lagoons, among which the Hansen or Andrade Lagoon stands out as the only body of natural fresh water in the Baja California peninsula. Since 2000, Endesu has collaborated closely with the management of the Constitución de 1857 National Park in creating and operating a fund generated with visitor donations.

During 2020 the public use area and the existing cabins in the park remained closed, first due to the winter season and then because of the COVID-19 pandemic sanitary restrictions.



"ESTACIÓN BERRENDO" VISITORS CENTER

As part of the Peninsular Pronghorn Recovery Program (PRBP), we have operated an environmental awareness center since 2004. The center currently has a site museum and takes visitors to operational camps to explain the importance of pronghorns, their serious risk of extinction, and the desert ecosystem overall.

During 2020 the visitor center operated from January to March, when it hosted 437 people, of which 20 were children.



MANAGEMENT OF ECO-TECHNIQUES IN SUSTAINABLE PLOTS IN THE HUASTECA VEACRUZANA

Endesu has operated the "Sustainable Solares in the Huasteca Veracruzana" program since 2014. The project goal is to improve the quality of life of tobacco producers through the implementation of eco-techniques and the use of agro-ecological techniques for the management of the family backyard.



During seven years of operation, the project has evolved towards a comprehensive vision that, in addition to the installation of eco-techniques in homes, has multiplied its impact by replicating these practices in schools and promoting pilot projects of new self-sustainable productive options that improve family income. Community-wide events are now organized yearly as well.



During 2020 the following results were achieved:

- 25 new families have rainwater collection and storage systems, as well as wood-saving stoves.
- Eight school gardens have regular follow-ups and eight school workshops on agroecological techniques were imparted.



- An efficient bread oven was installed. This allows a micro business to be operated by women that benefits the community, this service did not previously exist in the vicinity.
- Due to the COVID-19 pandemic, activities in schools and workshops with community members were replaced by the production of three video tutorials on garden creation and maintenance that were published on Endesu's social networks. These videos will serve as didactic support when face-to-face activities in schools and communities are possible again.



CONCEPTUAL PROPOSAL FOR LA CAÑADA NATURAL PARK

La Cañada del Río Magdalena or La Cañada de Contreras forest is part of an important water-generating ecosystem in the southwestern part of Mexico City that must be conserved. Its environmental value, objects of conservation and contribution to environmental services, have all been widely documented in various studies on biodiversity as part of the hydrological system of the Valle de México.

An important part of La Cañada del Río Magdalena is made up of the private property known as "La Cañada", which contains 20% of the last living river in the country's capital, but like the rest of the area has been subject to an accelerated illegal, informal and unregulated urban development that puts its environmental value at risk.

In this context, Endesu, taking into account the physical characteristics of the property, its location, history and vocation, proposed to develop the La Cañada Natural Park project to its owners. We focused on raising awareness



and education on water issues in the Valle de México: water origin, problems, uses, production and harvest mechanisms, collection and treatment, among many other related issues.

In the first quarter of 2020, we presented the conceptual plan which includes a zoning proposal, infrastructure to be developed and a governance scheme for the operation of the Natural Park. As part of the results of this work, the certification of the La Cañada property as an Area Voluntarily Destined for Conservation (ADVC) was proposed to CONANP.

At the end of the year, the study of the general physical and biological characteristics of the property that confirm its environmental and social value, as well as the management strategy, was delivered. We expect that, within the next year, the ADVC certificate will be delivered, which will provide greater certainty as to the legality of the project on conservation land. In parallel, consultation meetings have been held with neighboring communities and the authorities of the Mayor's Office of La Magdalena Contreras and the government of Mexico City to support the operation of this proposal and preserve this valuable space in favor of the inhabitants of the Valle de México.



13 OPERATIONAL COORDINATION OF 30 ANP POAs

For 22 consecutive years Endesu has participated in resource administration for the Fund for Protected Natural Areas (FANP), destined to support the operation of Federal Protected Natural Areas (ANP)



In 2020, in close collaboration with the directors of 30 ANPs, we provided advice, support and training for efficient use of resources destined to the development of priority conservation actions in the field, established in the Annual Operational Programs (POA) in each of the ANP with which we work.

REGIÓN

ANP

YUCATAN PENINSULA
AND MEXICAN
CARIBBEAN

- RB Banco Chinchorro, PN Arrecifes de Xcalak
- RB Calakmul
- PN Arrecifes de Cozumel APFF Porción Norte y Franja Costera Oriental terrestres y marinas de la Isla de Cozumel

SOUTH BORDER,
ISTHMUS AND
PACIFIC SOUTH

- RB Montes Azules
- RB Selva El Ocote
- RB La Sepultura
- RB La Encrucijada

CENTER AND
NEOVOLCANIC AXIS

- APFF Corredor Biológico Chichinautzin, PN Lagunas de Zempoala, PN El Tepozteco
- RB Sierra Gorda Querétaro
- RB Mariposa Monarca

WEST, PACIFIC
CENTER AND
NORTHEAST, AND
SIERRA MADRE
ORIENTAL

- RB Sierra de Manantlán
- RB Mapimí
- APFF Cuatrociénegas
- APFF Cañón de Santa Elena
- APFF Maderas del Carmen
- APFF Ocampo
- APRN Distrito de Riego 04 Don Martín
- RB Sierra del Abra Tanchipa

NORTHWEST AND
UPPER GULF OF
CALIFORNIA

- APFF Bavispe
- RB Janos
- APFF Sierra de Álamos - Río Cuchujaqui
- APFF Islas del Golfo de California - Sonora
- APFF Islas del Golfo de California - Sinaloa
- RB Alto Golfo de California y Delta del Río Colorado
- RB El Pinacate y Gran Desierto de Altar

BAJA CALIFORNIA
PENINSULA AND
PACIFIC NORTH

- PN Zona Marina del Archipiélago de Espíritu Santo
- RB El Vizcaíno
- RB Sierra La Laguna
- PN Bahía de Loreto
- PN Revillagigedo



OPERATIONAL COORDINATION OF EMERGENCY ANP FUNDS

For over 20 years, Endesu has supported the operation of emergency budgets meant to provide extraordinary resources to the ANPs. These resources are financed by the Fund for Protected Natural Areas (FANP), to be able to attend to emergencies and unforeseen events that affect the health of an ecosystem, a species, or the lives of people that live within an ANP.



In 2020, Endesu managed and channeled emergency resources for 18 ANPs that supported the following actions:

- Diagnostic and rescue maneuvers at the Chinchorro-Xcalak complex due to the grounding of the "The Office" vessel, and subsequent rescue of the affected coral colonies.
- Fire-fighting in more than 170 hectares of forest in the El Ocote, Calakmul, Don Martín, Maderas del Carmen, Monarca, Santa Elena Canyon, and Cuatro Ciénegas ANPs.
- Support to the aforementioned areas with food, day wages and fuel to mobilize firefighting brigade members.
- Detection and mitigation support for an outbreak of rabbit type 2 viral hemorrhagic disease (EHVC-2) in the endemic antelope hare (*Lepus alleni tiburonensis*) population of Isla Tiburon in the Protection Area for Flora and Fauna Islas del Gulf of California in Sonora.
- Purchase of PPE for field personnel in the framework of the COVID-19 pandemic for the Maderas del Carmen, Revillagigedo, Janos, San Pedro and Los Ajos.

STRENGTHENING OF ORGANIZATION AND CONTROL OF TOURIST ACTIVITIES IN THE UPPER GULF OF CALIFORNIA AND THE COLORADO RIVER DELTA

In 2020 Endesu continued to support follow-up efforts to organize nature tourism actions by Alto Golfo de California and Colorado River Delta Biosphere Reserve management. This took the form of working meetings that promote the tourism sectors' participation in the decision-making within the Advisory Council, determination of tourist load capacity for the "La Salina" campsite, organizing fee collection and the continuation of legal onboarding of Tourism Service Providers (PST) that operate within the Protected Natural Area (ANP).



Project results:

- Three Advisory Council meetings with PST representatives to create a tourism promotion strategy based on Biosphere Reserve guidelines.
- The interpretive "Labyrinth of life" trail, located in Campo La Salina in Adair Bay, has a load capacity study that will allow for more effective management of visitor numbers, once it officially opens to the public, and COVID-19 preventative measures allow it.
- The ANP gave a scholarship to ten PSTs from San Felipe, Baja California, to attend the "On-site visitor care during tours" course taught online by staff from the Ministry of Labor and Social Prevention.
- 42 PST from the communities of San Felipe, Golfo de Santa Clara and Puerto Peñasco were trained on the subject of fee collection.
- Three new PST have been onboarded by ANP management.

PROMOTING WATER CULTURE AND IMPLEMENTING CLIMATE CHANGE ADAPTATION TECHNOLOGIES IN RURAL OCAMPO COMMUNITIES

Endesu has collaborated with the Ocampo Flora and Fauna Protection Area (APFF) Management since 2019, to develop good water management and conservation practices in the ANP communities. The goals include climate change mitigation through awareness-creation actions, alternatives for rainwater use, and native plant production to be used in reforestation of degraded sites.



During 2020, the following were carried out:

- 30 visits to local homes to give informative talks on the importance of water.
- Two community workshops on issues related to current water problems.
- Three new promoters (for a total of 10) in a group that supports the awareness creation on the importance of water in their communities.
- 40 people trained in monitoring water use during their various activities.
- A group of volunteers from the ejido Jaboncillos Grande were trained in how to grow poplar plants.
- 4 rainwater catchment roofs were established in the Jaboncillos Chico ejido.
- 16 solar pots were delivered to environmental promoters in La Unión and El Olán.
- We monitored use of water harvesting technology, solar pots, community gardens and the wastewater treatment system that have been implemented in the APFF.
- 350 agave plants in production.
- We generated the springs monitoring protocol.

TRAINING AND MONITORING OF LIVESTOCK PROJECTS IN THE SIERRA RICA OF THE SANTA ELENA CANYON

In coordination with the Santa Elena Canyon Flora and Fauna Protection Area Directorate (APFF), Endesu continued to support producers' capacity-strengthening in Sierra Rica. Most of this support came in terms of livestock project management and administration as a strategy to improve their land management, and so to reduce the grassland habitat deterioration. This mountain range is known as the "Island in the sky", due to its altitude, vegetation and for being the main water catchment and source of water in the region.

In 2020 we carried out the following:

- Two exotic pasture surveys, one in spring/summer, and one in fall/winter. We found African grass presents the greatest risk for native grassland biodiversity.
- Two community talks on invasive alien species (grasses and Barbary goats) and the impact these have on grasslands, as well as the measures needed to contain them.
- To consolidate producer training, we distributed two presentations on traditional grazing and profitability based on adaptation, which replaced face-to-face talks that could not be held due to sanitary restrictions due to the COVID-19 pandemic.
- We supported the owners of two cattle ranches in the preparation of 55 identity and livestock registration cards for the Secretariat of Agriculture and Rural Development (SEDER), which allows herd sanitary control, genetic improvement, reproductive management, the opportunity to maintain and access other national and international markets, as well as access to support programs.



PARTICIPATION STRATEGY IN DON MARTÍN

For the second year, Endesu collaborated with management of the Cuenca Alimentadora del Distrito Nacional de Riego 004 Don Martín Natural Resources Protection Area (APRN), in the state of Coahuila. We worked on APRN participation strategy resource administration, whose goal is to strengthen inter-institutional coordination for legal use of water, mining and stone resources.



During 2020, we supported Advisory Council (AC) operation through:

- Two council meetings addressing relevant issues regarding the management, conservation and protection of the ANP's natural resources. The second meeting was done virtually. The internal regulations of this collegiate body were approved.
- The members of the CA were trained on issues of gender equity and AC principles, as well as on the use of digital platforms for virtual meeting participation.
- We followed up on AC agreements and commitments and updated its database.





KNOWLEDGE AND CONSERVATION ACTIONS IN ABRA TANCHIPA

This year Endesu supported the Directorate of the Sierra del Abra Tanchipa Biosphere Reserve, to implement biological monitoring and proper solid waste management programs within the reserve, in order to reduce threats to its biodiversity.



During 2020:

- We consolidated the operation of the high-resolution system for monitoring diversity (SAR-MOD) at three strategic sites. This allowed the detection of a great diversity of species, 12 of which are considered priority or special protection endangered species such as the jaguar, the puma and the guan.
- This generated knowledge contributed to improve biodiversity conservation strategies.
- Two solid waste community collection groups (PET) were formed, made up primarily by women who promoted and encouraged the adoption of these practices in the communities adjacent to the reserve.



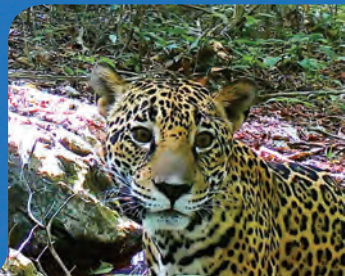
CONSERVATION OF 14 SPECIES AT RISK AND THEIR HABITATS

Mexico, being one of the countries with the greatest biodiversity on the planet, suffers from deterioration of its ecosystems, and with it, the threat to the species that inhabit them. Because of this, Endesu has been working with CONANP since 2016 on the "Strengthening the Management of the Protected Natural Areas System to Improve



the Conservation of Endangered Species and their Habitats" project. 2020 was basically a closing year, when most of the 13 projects for species with which we worked throughout the program concluded (California condor, peninsular pronghorn, olive turtle, loggerhead turtle, leatherback turtle, hawksbill turtle, olive ridley turtle, green turtle, tapir, jaguar, golden eagle, Mexican wolf and mule deer) within 21 Natural Areas.

In 2020, we attended to 11 of the 13 species with a total of 24 projects and 13 consultancies.



CREATING A SUSTAINABLE HABITAT FOR CLIMATE CHANGE ADAPTATION IN PAREDÓN

For two years (2019-2020) Endesu and Ecología, Sustentabilidad e Innovación A.C. (ESI), developed coordinated activities to strengthen capacities and actions for adaptation to climate change and external events in Paredón, municipality of Tonalá, Chiapas.

Paredón is a fishing community considered to be the largest producer of fish food on the Chiapas coast, however it has a high degree of marginalization and social disadvantages. This project fostered the use of new alternatives for wastewater treatment and promoted water management and monitoring, as well as the management of fishing waste to reduce the contamination of the Mar Muerto lagoon.



The project suffered limitations derived from the COVID-19 pandemic in 2020, but we developed strategies to meet the programmed goals. Specifically, training and education actions were carried out at the family level, and despite the process being slower and with more pauses, it allowed us to reach more people in the community.



The pandemic also opened spaces for dialogue and community awareness regarding health needs as well as water use and care. Thus, the project developed in the community of Paredón allowed us to strengthen the inhabitants' knowledge regarding the importance of small actions in creating alternatives for greatly beneficial water management practices.



We recovered the library and created a space dedicated to the theme of water. This site has since become a meeting and knowledge point for the community.



In 2020, we completed the activities planned for the two years of project operation, achieving:

- The participation of 799 direct and 450 indirect beneficiaries.
- We installed five demonstrative biogas treatment modules, and trained five people regarding their maintenance.
- The creation of a community committee for water management.
- The formation of a brigade of young people to monitor local well water quality, and disseminate the results.
- 50% of Paredóns' basic and upper secondary level students understand and identify the community water problems, and participate by spreading information about them.
- The construction of a gallery in the library to create a space dedicated to the theme of water, with a work plan to carry out activities that promote its care.
- A diagnostic study for developing a fishing waste management plan to reduce Mar Muerto lagoon pollution.
- The generation of two videos showing project development and local testimonies



BIOCULTURAL LANDSCAPE OF THE SIERRA OCCIDENTAL DE JALISCO

In 2014, Endesu became an implementing agency for the Biocultural Landscape initiative in the Western Sierra de Jalisco, led by CONANP.

The Biocultural Landscape (PB) is defined as a shared landscape, managed under a unified vision of territorial management that allows for promoting economic development through the protection and valuation of local biodiversity and culture. This scheme is adopted by the producers who own the land and other interested parties, through a management instrument called the "Territorial Management Agreement" that establishes its governance.



This project is the first "from the bottom up" local governance experience for a conservation area in Mexico that is based on the agreement and commitment of different local actors to establish a common strategy for the management and conservation of a territory.

After six years of work, the following results were obtained:

- Legal recognition of the "Biocultural Landscape" model in the state of Jalisco.
- A functional structure for operating the first territory recognized with this model: The Biocultural Landscape of Sierra Occidental de Jalisco (PBSOJ).
- Two use instruments for the model: a land charter, and a seal recognized on a Land Management Agreement, as a public-private arrangement for land management.
- Municipalities, academia, technical service providers and producers interested in improving their production practices all participated in the Territorial Management Agreement



- Operational relationship with the State Government through the Intermunicipal Board of Sierra Occidental and Costa (JISOC).
- Introduction of best practices for six production lines: timber forestry, non-timber forestry, coffee, agriculture and cattle, sweets and artisan preserves, and tourism.
- An inter-municipal governance structure with a collective brand for different value chains and the opportunity to access two important nearby markets: Puerto Vallarta (tourist destination) and Guadalajara (capital city of Jalisco).



CONSERVATION OF THE GOLDEN EAGLE AND ITS HABITAT

Between 2013 and 2017, Endesu operated the "Recovery of golden eagle populations and their habitat in Mexico" project. One of the most relevant results was the generation of a model for conserving golden eagle nesting and hunting territories that takes into account particular site characteristics. While the model was successfully tested, lack of financial resources halted its operation.



In 2021, Endesu will be able to resume actions aimed at golden eagle conservation with a new project. Based on lessons learned, this project aims to generate medium and long-term financing schemes that allow golden eagle population and habitat recovery by applying the proposed and tested conservation model, as well as verifying the relevance of the model in the golden eagle territories located in the north of the state of Zacatecas.



PILOT PROJECT FOR LAGUNA MECOACÁN OYSTER PRODUCTION

Tabasco contributes more than 30% of the oyster production in the Gulf of Mexico, with oysters mostly extracted from the Carmen-Pajonal-Machona and Mecoacán lagoon systems. In Tabasco, oyster catch represents employment for nearly 2,000 fishermen and around 10,000 shellers, in addition to generating jobs in the food industry, such as in the gastronomic corridor of the Paraiso municipality.



At the end of 2020, it was confirmed that in 2021 Endesu will develop an American oyster aquaculture pilot project through a system known as "dump" or Australian-type baskets. The goal is to analyze productivity and quality with this technology, as well as comparing its environmental advantages with those of the traditional system of fattening strings or rings currently used in the Mecoacán lagoon.

ENTERPRISES IN SUSTAINABLE LANDSCAPES

In the last quarter of 2020, Endesu joined the Consortium headed by Conservation International Mexico, which will carry out the Sustainable Landscape Ventures (SLV) program for the next five years.



The SLV program will develop sustainable and inclusive value chains in four landscapes in the states of Campeche, Chiapas, Oaxaca and Jalisco. The operation will focus on small producers in each landscape and will seek to organize twelve Collective Business Entities (CBE) through which it will act at core points of the value chain (inputs, marketing and financing).

Endesu will be in charge of program operation in Jalisco, where it has worked in the last seven years in creating the Biocultural Landscape of the Sierra Occidental de Jalisco. Likewise, Endesu will support the consortium in the formation and administration of the CBEs in the four selected landscapes.

STRENGTHENING ANP OPERATION

In close coordination with the directorates of three Protected Natural Areas, in 2021 Endesu will expand its collaboration in the administration of resources so that ANPs can carry out specific actions that favor the conservation of their natural resources.



- We will support the Revillagigedo National Park in supervision, inspection and surveillance actions.
- We will collaborate with the Mapimí Biosphere Reserve in reinforcing the tasks of monitoring species and conservation indicators, as well as raising environmental awareness on emblematic species and solid waste management.
- We will participate with the Bahía de Loreto National Park in its communication and environmental education plan, in order to contribute to the revaluation and respect of natural resources and their sustainability. This will include the participation of the tourism, fishing and educational sectors.

COMMUNICATION AND EDUCATION

In 2020, Endesu's communication coordination faced challenges created by the COVID-19 pandemic. These challenges also represented an opportunity to intensify the digital strategy proposed during previous years.

With field trips limited by health measures, communication efforts continued on social networks, and we obtained 3% organic growth on Facebook, 14% on Instagram and 3% on Twitter. Videos on our YouTube channel passed 500,000 views, and our website received 181,000 hits.



We continue with activity on the main social networks..



We developed three video tutorials for Endesu.tv regarding the creation and maintenance of backyard gardens, as an effort to continue with environmental awareness communications, as well as education and communication of sustainable development actions. These videos also served as online didactic support to maintain training in schools and communities when it was not possible to carry these out in person. We also published a video documenting the progress of activities in the Huasteca of Veracruz and another on the strategy to reduce vulnerability to climate change in the Usumacinta river basin



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FINANCIAL STATEMENTS

ESPACIOS NATURALES Y DESARROLLO SUSTENTABLE, A. C.

ESTADOS DE SITUACION PATRIMONIAL
AL 31 DE DICIEMBRE DE 2020 Y 2019
(En pesos)

ACTIVO	2020	2019
ACTIVO CIRCULANTE:		
Efectivo y equivalentes de efectivo (Nota 4)	\$ 19,580,807	\$ 22,591,417
Cuentas por cobrar – neto (Nota 5)	146,487	408,891
Pagos anticipados	<u>310,884</u>	<u>307,597</u>
Activo circulante	20,038,278	23,307,905
INMUEBLES Y EQUIPO – Neto (Nota 6)	<u>14,433,791</u>	<u>16,697,226</u>
TOTAL	<u>\$ 34,472,069</u>	<u>\$ 40,005,131</u>
PASIVO Y PATRIMONIO CONTABLE		
PASIVO CIRCULANTE:		
Gastos acumulados	\$ 169,295	\$ 164,442
Impuestos por pagar	787,452	857,029
Impuesto sobre la renta (Nota 10)	236,243	351,568
Pasivo por contrato de arrendamiento (Nota 7)	<u>231,532</u>	<u>445,488</u>
Pasivo circulante	1,424,522	1,818,527
OBLIGACIONES LABORALES AL RETIRO (Nota 8)	<u>1,275,346</u>	<u>1,151,223</u>
Total pasivo	2,699,868	2,969,750
PATRIMONIO CONTABLE (Nota 11):		
Restringido temporalmente	30,492,112	35,755,292
Restringido permanentemente	<u>1,280,089</u>	<u>1,280,089</u>
Total patrimonio contable	<u>31,772,201</u>	<u>37,035,381</u>
TOTAL	<u>\$ 34,472,069</u>	<u>\$ 40,005,131</u>

Las notas adjuntas son parte de los estados financieros.

ESPACIOS NATURALES Y DESARROLLO SUSTENTABLE, A. C.

ESTADOS DE ACTIVIDADES
POR LOS AÑOS QUE TERMINARON EL 31 DE DICIEMBRE DE 2020 Y 2019
(En pesos)

	2020 Restringido Temporalmente	2019 Restringido Temporalmente
INGRESOS:		
Donativos	\$ 46,379,196	\$ 54,562,098
Subsidios	1,750,000	
Otros ingresos	3,634,893	5,202,760
Productos financieros	<u>1,027,468</u>	<u>1,529,054</u>
Total de ingresos	52,791,557	61,293,912
COSTO POR PROGRAMAS Y GASTOS:		
Costos por programas:		
Programas de manejo de especies	12,483,097	16,925,816
Programas de conservación y restauración	8,114,630	7,410,197
Programas de sensibilización ambiental	12,404,860	9,856,145
Programa de apoyo institucional	<u>22,465,987</u>	<u>27,045,350</u>
Total costos por programas	55,468,574	61,237,508
Servicios de apoyo:		
Gastos de administración	2,272,968	2,945,150
Gastos financieros	<u>76,952</u>	<u>65,804</u>
Total servicios de apoyo	2,349,920	3,010,954
Total costos y gastos	57,818,494	64,248,462
Impuesto sobre la renta (Nota 10)	<u>236,243</u>	<u>351,568</u>
CAMBIO NETO EN EL PATRIMONIO CONTABLE	(5,263,180)	(3,306,118)
PATRIMONIO CONTABLE AL INICIO DEL AÑO	<u>37,035,381</u>	<u>40,341,499</u>
PATRIMONIO CONTABLE AL FINAL DEL AÑO	<u>\$ 31,772,201</u>	<u>\$ 37,035,381</u>

ESPACIOS NATURALES Y DESARROLLO SUSTENTABLE, A. C.ESTADOS DE FLUJOS DE EFECTIVO
POR LOS AÑOS QUE TERMINARON EL 31 DE DICIEMBRE DE 2020 Y 2019
(En pesos)

	2020	2019
ACTIVIDADES DE OPERACIÓN:		
Ingresos cobrados	\$ 51,504,889	\$ 59,764,858
Pagos a proveedores	(43,334,906)	(47,563,623)
Pagos a empleados y otros	(10,737,223)	(13,146,007)
Impuesto sobre la renta pagado	<u>(351,568)</u>	<u>(415,148)</u>
Flujos netos de efectivo de actividades de operación	<u>(2,918,808)</u>	<u>(1,360,412)</u>
ACTIVIDADES DE INVERSIÓN :		
Adquisición de equipos - neto	(1,378,770)	(1,958,775)
Cobros por venta de equipos	259,200	
Intereses cobrados	<u>1,027,468</u>	<u>1,525,798</u>
Flujos netos de efectivo de actividades de inversión	<u>(92,102)</u>	<u>(432,977)</u>
(Disminución) Aumento neto del efectivo en el año	(3,010,910)	(1,793,389)
SALDO INICIAL DEL EFECTIVO Y EQUIVALENTES	<u>22,591,417</u>	<u>24,384,806</u>
SALDO FINAL DE EFECTIVO Y EQUIVALENTES	<u>\$ 19,580,507</u>	<u>\$ 22,591,417</u>

Las notas adjuntas son parte de los estados financieros.

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Espacios Naturales y Desarrollo Sustentable A.C
appreciates the valuable support
of partners, allies and clients that allowed
achieve results in each of our projects:

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Grupo Picacho Automotriz
Organización de las Naciones Unidas para la Alimentación y la Agricultura (FAO)

Visitors and users of the services of:

La Casa del Agua "Uyotot' Já"
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Parque Constitución de 1857
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A	Galyina Andrushko	Archivo Endesu	11.4	Luisa Torres	Archivo Endesu
B	Leonardo González	Archivo Endesu	11.5	Edgar Tafaya	Archivo Endesu
B1	leungchopan	Envato Elements	12.1	Leonardo González	Archivo Endesu
B2	leungchopan	Envato Elements	12.2	Leonardo González	Archivo Endesu
C1	GRÁFICOS ODS	Organización de las Naciones Unidas (ONU)	13.1	Gerardo Ramos	Cortesía
C2	Leonardo González	Archivo Endesu	13.2	Gerardo Ramos	Cortesía
D	Mapa	Archivo Endesu	13.3	Patricia González	Cortesía
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1.1	Leonardo González	Archivo Endesu	14.1	RB Mariposa Monarca	Reporte de Emergencia
1.2	Sandra González	Archivo Endesu	14.2	RB Mariposa Monarca	Reporte de Emergencia
1.3	Juan Carlos Romero	Archivo Endesu	14.3	RB Mariposa Monarca	Reporte de Emergencia
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2.3	Alexander Francisco López	Archivo Endesu	15.1	RB Alto Golfo de California y Delta del Río Colorado	Informe Proyecto
2.4	Alexander Francisco López	Archivo Endesu	15.2	RB Alto Golfo de California y Delta del Río Colorado	Informe Proyecto
2.5	Alexander Francisco López	Archivo Endesu	16.1	APFF Ocampo	Informe Proyecto
3.1	Denis Ludovic Besse Gutiérrez	Informe Proyecto	16.2	APFF Ocampo	Informe Proyecto
3.2	Denis Ludovic Besse Gutiérrez	Informe Proyecto	17.1	Twenty20photos	Envato Elements
3.3	Denis Ludovic Besse Gutiérrez	Informe Proyecto	18.1	APRN Cuenca Alimentadora del Distrito Nacional de Riego 004 Don Martín	Informe Proyecto
3.4	Denis Ludovic Besse Gutiérrez	Informe Proyecto	18.2	APRN Cuenca Alimentadora del Distrito Nacional de Riego 004 Don Martín	Informe Proyecto
4.1	Sandro Torres Hernández	Ficha Técnica Proyecto	18.3	APRN Cuenca Alimentadora del Distrito Nacional de Riego 004 Don Martín	Informe Proyecto
4.2	Sandro Torres Hernández	Ficha Técnica Proyecto	19.1	RB Sierra del Abra Tanchipa	Informe Proyecto
4.3	Sandro Torres Hernández	Ficha Técnica Proyecto	19.2	RB Sierra del Abra Tanchipa	Informe Proyecto
4.4	Sandro Torres Hernández	Ficha Técnica Proyecto	19.3	RB Sierra del Abra Tanchipa	Informe Proyecto
5.1	APFF Cerro Mohinora	Informe Proyecto	20.1	Ana Barragán	Cortesía
5.2	APFF Cerro Mohinora	Informe Proyecto	20.2	Proyecto Recuperación Berrendo Peninsular	Archivo Endesu
6.1	RB Banco Chinchorro/ PN Arrecifes de Xcalak	Informe Proyecto	20.3	Jesús Lizardo Cruz Romo	Cortesía
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10	Leonardo González	Archivo Endesu	22.2	Santiago Machado	Archivo Endesu
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10.1	Leonardo González	Archivo Endesu	22.4	Leonardo González	Archivo Endesu
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10.3	Francisco Belmont	Archivo Endesu	23.2	Leonardo González	Archivo Endesu
10.3	Francisco Belmont	Archivo Endesu	23.3	Manuel Valdés Alarcón	Archivo Endesu
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