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An ecosocialist look

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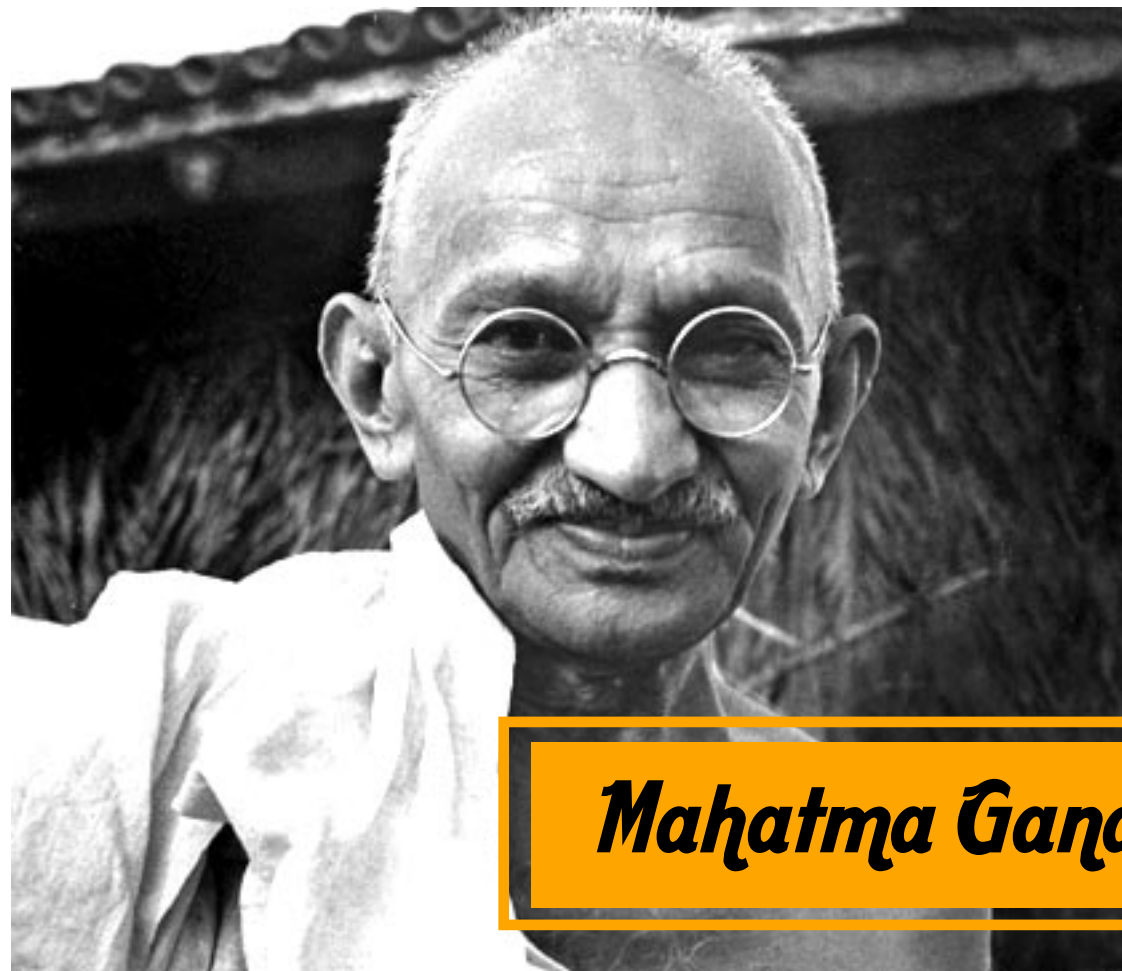
# ECOSOCIALIST VENEZUELA



**MINEC**



**PUESTO DE  
COMANDO**



***Mahatma Gandhi***



*The earth offers enough to satisfy the needs  
of all, but not the greed of some.*

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# GETTING TO KNOW THE MINEC



## OFFICE OF INFORMATION AND COMMUNICATION TECHNOLOGY (OTIC)

The Office of Information and Communication Technologies (OTIC), is part of the support level of the Ministry. It is in charge of planning, implementing, and managing information systems, and computer and communications technology infrastructure at the forefront of the existing advances in these areas.

The competencies of the OTIC are clearly defined and delimited in Decree No. 2,378, dated July 12, 2016, published in the Extraordinary Official Gazette No. 6,238, of July 13, 2016, which establishes the General Organization of the National Public Administration.

Among the main functions are the following: Integral consultancy to the institution in the area of information and communication technologies. Propose projects and strategic and operative plans that allow the continuous improvement of processes through the use of information technologies. Research and evaluate state-of-the-art information and communication technologies. Implement plans and projects that innovate and ensure the renewal of MINEC's technological platform. Propose and develop information systems that allow the automation and improvement of processes, as well as the simplification of procedures. Technical monitoring of the execution of contracts signed by MINEC for the acquisition of goods and services in the area of information and communication technology. Ensuring the availability, operability, updating, and security of information systems.

## GENERAL DIRECTORATE OF WASTE UTILIZATION

This General Directorate was created from the suppression of the Ministry of Popular Power for Ecosocialism and Water, according to official letter No. 249 of 18/12/2019. It has physical spaces located on the 26th floor of the South Tower of the Simón Bolívar Center.

The Directorate establishes the criteria for the development, monitoring, evaluation, and control of plans, programs, and projects to generate actions aimed at mitigating waste generation, technical support in the implementation of production and consumption models, as well as regulation, supervision, inspection, and control, aimed at compliance with policies on the recovery of usable materials at sectoral, state, municipal and communal levels.

Our lines of action are oriented in three directions:

- Plans, Programs, and Projects.
- Management of Usable Waste.
- Inspection, Supervision, and Control.

## ADMINISTRATIVE MANAGEMENT OFFICE

The Administrative Management Office is an organizational unit with the rank of General Directorate and is attached to the Office of the Minister of Popular Power for Ecosocialism. It plans and controls the administrative and financial processes of the Ministry; advises and assists the units executing the projects and/or actions in financial matters; carries out the transfers to the receiving Organs and Entities, the payment to suppliers, salaries, wages, and other remunerations to the personnel; monitors and controls the use and financial application of the resources assigned to the Ministry; establishes the mechanisms for the correct process of formation and rendering of the expenditure accounts.





# MINEC ENVIRONMENTAL LABORATORIES

Author: Ing. José García General Director of Environmental Quality

**The** Ministry of Popular Power for Ecosocialism has the mission to protect, conserve and recover the environment, and carries out environmental evaluations related to the measurements of the effects produced by anthropogenic activities, as well as the natural effects to design sanitation and recovery plans for spaces affected by activities that degrade the environment.

It also identifies the quality of our natural resources such as water, air, and soil, as well as verifying the presence and concentration of substances harmful to the environment in liquid spills, atmospheric and material emissions, and hazardous waste. Health is important for environmentally safe management in the Ecosocialist model, based on a harmonious relationship between human beings and nature, which guarantees the rational, optimal, and sustainable use and exploitation of natural resources, respecting the processes and cycles of nature.

Currently, the MINEC Environmental Laboratory Network is made up of seven (7) laboratories, whose facilities are located in the UTECs of the states of Anzoátegui, Aragua, Barinas, Lara, Monagas, Nueva Esparta, and the central region. Its mission is to perform physical, chemical and biological analyses on samples of water, sediments, air, materials, and hazardous waste, according to standardized or nationally and internationally recognized methods, supporting the environmental monitoring, evaluation and control programs and activities developed by the Ministry or other institutions that request the laboratory's services.

At the national level, our MINEC Environmental Laboratories have been able to obtain analytical

results for the contribution of significant elements or inputs in the Tocuyo River Basin and its reservoirs Dos Cerritos, Atarigua, Quediches and Ermitaño in Lara State for the dry season (analyzing 200 samples with the support of laboratories authorized by MINEC, for a total of 650 analyses in the Upper Tocuyo River Basin, as well as in the reservoirs). The "Water Quality Program of the Tocuyo River Basin and its reservoirs" was reactivated, which is of great importance for the state of Lara, since it is the main source of water supply in the region.

With the purpose of publishing the list of beaches suitable and not suitable for the enjoyment of vacationers and locals during Carnival, Easter, School Vacations, and Christmas, continuing the "Program of Characterization of Waters for recreational use", the sanitary condition of beaches and spas in eleven (11) coastal states, which were verified through bacteriological analysis, in Anzoátegui, Aragua, Carabobo, Falcón, La Guaira, Los Roques, Miranda, Monagas, Nueva Esparta, Sucre and Zulia states, (executing approximately 1200 tests).

Also, this was carried out in other bodies of water, as well as in liquid discharges (nationwide) in attention to the communities and by request of other Public Administration Bodies, in the states of Amazonas, Anzoátegui, and Nueva Esparta, deployments were carried out to perform the collection and analysis of environmental samples.

The control of activities that degrade the environment is necessary and imperative; therefore, MINEC carries out a registry that allows the registration and renewal of the forty (40) Environmental Laboratories that were authorized for the Characterization of Liquid Effluents, Atmospheric Emissions, Soils, Hazardous Materials and Wastes in environmental samples at the national level that will provide services to third parties. This registry has an automated system "SIALAMB" which is available on the MINEC

web page for those who wish to register and renew this administrative procedure.

The updating of environmental standards is an important point in the activities of MINEC's environmental laboratories, and with the experience and knowledge of the NETWORK have enriched the discussions of the Technical Committee CT-25 Environment- COVENIN, where the updating of the standard "No. 2709:2002 natural, industrial and waste waters. Guide for sampling techniques"; in addition to participating in internal technical roundtables with MINEC Legal Consultancy, about the beginning of the discussion for updating environmental decrees, including "Decree No. 883 standards for the classification and control of the quality of water bodies and liquid discharges or effluents". Also in issuing a technical opinion about the 2012 Cape Town International Treaty.

In the laboratories of Anzoátegui, the research work in support of Fruto Vivas University is interesting, field trips were carried out to show and train students in sample collection techniques according to standardized methodologies; Meetings related to the Ecosocialist Approach of Playa Pelua, Panty, and Pantaleta, Camurí Grande Sector, Naiguatá Parish, La Guaira State carried out by the Central Level Laboratory; as well as, the state of Nueva Esparta Laboratory has been able to participate in the elaboration of videos of educational content, with touristic, historical and archeological value.

The training and updating of knowledge in the scientific area have been fundamental, that is why workshops, courses, and discussions have been held in person and virtually with the participation of colleagues nationwide; among these, we can mention: "Characterization of water bodies Reservoirs of Lara State (Importance and usefulness)"; "Characterization of Wastewater"; "Characterization of water bodies and liquid discharges. Theory and practice"; "Workshop on Waste Electrical





and Electronic Equipment”, “Workshop on Air Quality”. In addition, within the framework of World Earth Day, the following workshops were held: “Characterization of Wastewater”, “Microsoft Office”, “Registration of Environmental Laboratories”, and “Refrigerants”.

The MINEC Environmental Laboratories Network is planning several projects to be implemented in the short and medium term, among them we can mention: 1. Planning for active participation (presentation) during the development of the 1st National Congress on Waste; 2. Planning the national meeting of environmental laboratories MINEC 2023 in which a series of interesting topics on the area will be developed; 3. In addition, in the short term, we will execute an awareness plan that includes experimental and didactic practices in schools and communities to strengthen learning, knowledge, skills, and environmental values related to water, energy, waste, physical and human environment; 4. In the project presentation phase, before the World Health Organization, related to analytical determinations in water, air, and soil of parameters that directly and indirectly affect health, activities that will positively impact MINEC’s environmental management.

Our colleagues with great responsibility and commitment, exercise this enormous duty, and with few resources, they do great tasks; with professionalism, love, and a lot of hope that soon better times will come, they continue from their spaces battling so that the Direction of the Environmental Laboratories continues being the piece and fundamental part in the contribution of conclusive tests that allows designing sanitation plans, recovery; as well as to adapt the internal regulatory framework for the prioritization of the balance with nature and the respect of the right of the present and future generations, and contribute with the preservation of life on

the planet and the salvation of the human species.

## HAZARDOUS SUBSTANCES, MATERIALS, AND WASTE MANAGEMENT DIRECTORATE

This Directorate evaluates the management of hazardous substances, materials, and wastes throughout the country, which includes, from an authorizing point of view, the prior control instruments related to the Registry of Activities Capable of Degrading the Environment (RACDA), and the authorization for their management; it evaluates applications for import permits for chemical substances under legal regime 10. It also coordinates the Presidential Commission on Chemical Safety, evaluates and monitors environmental adaptation plans for the management of hazardous substances, materials, and wastes, monitors ship dismantling activities, and monitors the so-called Chemical Safety Agreements: Chemical Safety Conventions, which include Basel (Hazardous Waste Transboundary), Stockholm (Persistent Organic Compounds), Rotterdam (Prior Informed Consent) and Minamata (Mercury).

The Strategic Approach for the Environmentally Sound Management of Chemicals (SAICM) and the Latin American chemicals and waste network are also being followed up.

### COMPETENCIES

- Registration and Authorization in the Register of Activities Capable of Degrading the Environment (RACDA).

- Application of International Chemical Safety Conventions.
- Authorizations for imports of chemical products under Legal Regime Note 10.
- Review, evaluation, and approval of Environmental Adjustment Plans of National Interest.
- Evaluation of Hazardous Waste Management Plans.
- Inspections and technical commissions.

## PRESIDENTIAL COMMISSION ON CHEMICAL SAFETY (CPSQ)

The CPSQ was created in 2001, through Decree No. 1,246, dated 03-13-2001, made up of

representatives of the public and private sectors, whose objective is to advise the National Executive in the orientation and formulation of policies and strategies that allow intersectoral cooperation and integration for the control of the production, use, distribution, handling, and final disposal, rationally and sustainably, of hazardous chemical products.

Its member institutions are Petróleos de Venezuela (PDVSA), National Electricity Corporation (CORPOELEC), Public Ministry (MP), Venezuelan Association of Chemical and Petrochemical Industries (ASOQUIM), National Center for Chemical Technology (CNTQ), Venezuelan Institute of Technology for Oil (INTEVEP), Ministry of Popular Power for Interior Relations, Justice and Peace, Ministry of Popular Power for Foreign Relations, Ministry of Popular Power for Health, National Institute of Integral Agricultural Health (INSAI), Directorate of Weapons and Explosives (DAEX) of the Ministry of Popular Power for Defense, Ministry of Popular Power for Ministry of Popular Power for Ecological Mining Development, and the Mining Corporation of Venezuela, among others.





# APPLICATION OF INTERNATIONAL CHEMICAL SAFETY CONVENTIONS



**Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Other Wastes.**

**Objective:** To establish a global mechanism for the control of transboundary movements of hazardous wastes and sets strict conditions for transboundary movements of hazardous wastes.

- Limits to "toxic trade" in hazardous wastes.
- To ensure proper disposal of wastes.



**Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.**

**Objective:** to promote shared responsibility and joint efforts by the Parties to prevent unwanted trade in hazardous chemicals and pesticides covered by the PIC procedure to protect human health and the environment from potential harm and to contribute to the environmentally sound use of these products.

- Provides a first warning on hazardous chemicals.
- Prevents international trade for certain chemicals.



**Stockholm Convention On Persistent Organic Pollutants.**

**Objective:** To protect human health and the environment from the use of Persistent Organic Pollutants.

- Controls and eliminates the production and use of certain Persistent Organic Pollutants (POPs).

Participation in the Joint Sessions of the Sixteenth Meeting of the Conference of the Parties to the Basel Conventions (BC COP-16), Eleventh Meeting of the Conference of the Parties to the Rotterdam Convention (RC COP-11), and Eleventh Meeting of the Conference of the Parties to the Stockholm Convention (SC COP-11) Location: Geneva, Switzerland. Date: May 1-12, 2023, in order to strengthen the implementation of the Conventions at the national, regional, and global levels, under a coherent approach and policy guidance to improve efficiency in the provision of technical assistance, resource mobilization, and cooperation to countries, with the theme: "Accelerating Action for the Sound Management of Chemicals and Wastes".

## APPROVAL OF PERMITS LEGAL REGIME NOTE 10

**Objective:** To control the entry into the country of hazardous materials, to follow up on their use and ensure the safety of health and the environment by the provisions of Decree 2,647 dated 12-30-2016, regarding Customs Tariffs, published in Official Gazette No. 6,281 dated 12-30-2016.

**Technical Inspections:** Plan of inspections to companies handling hazardous substances, materials, and wastes to follow up and control, with a total of 38 between January - June 2023.





# PRODUCTION EXPERIENCES AT LA BENDICIÓN DE DIOS NURSERY

Author: Mr. Jesús Molina producer of the Flor de Nuestra Patria Commune

**In** the town of Bum Bum, in the state of Barinas, a nursery was created in the backyard of a house that has become a blessing for the inhabitants of the region. It is the nursery "La Bendición de Dios", a project that seeks to promote the production and commercialization of forest plants, establish forest plantations, and reforestation in areas affected by the climate crisis, among other actions.

It is important to highlight that in our territory in the "Flor de Nuestra Patria" Commune, a seed stand is established 200 meters away from our nursery, with approximately 320 teak trees. From this seed stand, seedlings and seeds are collected between December and February with an average germination rate of 85%. In order to protect and conserve this stand because it is our main source of seed for the establishment of our nurserie, as producers and Commune.

The nursery "La Bendición de Dios" under the hand of the founder Aquiles Marques worked until he died in 2003, a project that began with 20,000 seedlings including teak, masaguaro, saman, mahogany, and black pardillo. Then for the year 2006, with the help of my four brothers we worked together, to resume and continue producing in the nursery we cultivated 50,000 plants, mostly



teak plants which are the most marketed. Among them also stand out the plants of masaguaro, saman, mahogany, cedar, apamate, araguaney cedar, and pardillo negro.

Therefore, to initiate the project, 5 buckets of black soil, manure, and 2 buckets of fine disintegrated sawdust and agricultural lime were purchased. The land was prepared for a project of approximately 50,000 plants. After obtaining the seed from the seed stand, the seed is cleaned and placed to soak for 8 days and then it is placed in the soil and covered with strained granzon. After 8 days germination begins and after 15 days we start transplanting one by one, so each seed brings 3 and 4 births, for this reason, it is not sown directly into the bag. In the same way, all the other seeds have their germination process, some are the same, and others in different ways.

In this sense, the nursery "La Bendición de Dios", started the establishment of 4 new nurseries such as the "Velazco Venecia" nursery with a production of 15,300 plants. Valle Verde Molina" nursery with a production of 871,000 plants. Pulido F.P." nursery with a production of 67,000, and "Los 2 Lirios" nursery with a production of 9,600 plants. These nurseries are located in the "Flor de Nuestra Patria" Commune, specifically in the Communal Councils (La Bendición de Dios, Buenos Aires, El Corozal, and La Granzonera).

As of June 2023, we have a total current production of 349,900 plants in the "Flor de Nuestra Patria" Commune, mostly forestry, including teak, masaguaro, saman, mahogany, cedar, apamate, araguaney cedar, black pardillo, white pardillo and melina.

Since we started our work project as producers, every year we set aside several plants, and together with my co-workers we go and reforest in the most vulnerable areas of our parish. We also donate plants to institutions, ministries, teachers, students, park rangers, and cab drivers.

As a result, the community has been involved in reforestation campaigns on the banks of rivers, squares, avenues, hills, and in tourist areas of this town and other places. From our territory we will continue planting, as we all know, planting trees benefits us all, it gives oxygen to our environmental zone, and taking care of our environment is everyone's job.

We call and encourage people, Communes, Communal Councils, and different organizations to make their nurseries in their homes, if they do not have somewhat expensive polyethylene bags they can recycle rice and sugar bags, which can be used to start their nursery. In this winter season, we get germinated seeds, you just have to go and look for them to take advantage and transplant them into the bag. In this sense, the nursery "La Bendición de Dios" is an example that has shown that it is possible to produce plants from the backyard of a house that has contributed to forest plantations and reforestation in areas affected by climate change. God Bless You.





# Reforestation

## NATIONAL REFORESTATION PLAN ONE STUDENT, ONE TREE PROGRAM (COJEDES)

**In** order to prevent the loss of ecosystems and slow the deterioration of the planet, reforestations, given the loss of large forest masses, are vital for the absorption of CO<sub>2</sub>, the generation of oxygen, and the fight against climate change, for this reason, to contribute to the fulfillment of the 5th Historical Objective of the Plan of the Homeland and the National Reforestation Plan, the Cojedes Territorial Ecosocialist Unit, through the program One Student, One Tree, managed to establish more than 1,000 trees, with the help and participation of various educational units, to mitigate the adverse effects of climate change and reduce greenhouse gases. 000 trees, with the help and participation of various educational units, for the mitigation of the adverse effects of climate change and the reduction of greenhouse gases, not only through these activities but in training and awareness of the importance of caring for the trees for the planet, where every day we must make stronger the idea that together we can combat climate change.



**REFORESTATION, BEFORE THE LOSS OF LARGE FOREST MASSES**

## DELIVERY OF FORESTRY AND FRUIT PLANTS FOR THE PLANTING DAY AT THE NATIONAL HIGH SCHOOL 5 DE JULIO (FALCÓN)

Forest and fruit plants were delivered for the planting day at the High School Nacional 5 de Julio, located in the Miranda municipality, San Gabriel parish, with the participation of students about to graduate from high school, thus contributing to the fulfillment of the National Reforestation Plan, One Student One Tree program, to promote awareness in the student community about the importance of planting a tree and the benefits offered by our mother earth.

## ENVIRONMENTAL SANITATION INSPECTION BY THE PDVSA COMPANY (PORTUGUESA)

A follow-up and control inspection was carried out to supervise the works related to the environmental cleanup, carried out by PDVSA, of areas affected by the crude oil spill, due to the rupture of the oil pipeline, where it was observed in the tour, that works of removal of soil affected by hydrocarbons were carried out. It can be concluded that the environmental cleanup has a level of progress of 90%, leaving only sectors where a manual collection of traces of hydrocarbons existing in the affected area must be obtained.

## ECOWORKSHOP WITH THE OMBUDSMAN'S OFFICE ON WORLD ENVIRONMENT DAY (DISTRITO CAPITAL)

In coordination with the Ombudsman's Office, within the framework of World Environment Day, a theoretical Ecoworkshop was held on the main techniques for the construction of bee nests and other pollinating insects, given by Dr. Xiomara Cuevas, National Ombudsman of the Ombudsman's Office, highlighting the importance of these insects for life on planet Earth, to continue the training processes by this Territorial Ecosocialist Unit in environmental education.





## COMMEMORATION OF INTERNATIONAL TREE DAY (ANZOÁTEGUI)

**Du**ring the first week of June 2023, several reforestations were carried out in the Ecosocialist Territorial Unit of Anzoátegui state, in celebration and commemoration of International Tree Day, with the participation of various educational institutions to raise awareness among students about the care of trees and the environment, with the participation of about a total of 980 students throughout the state, planting approximately 1,200 forest, ornamental and fruit trees, benefiting the environment and mitigating the adverse effects of climate change.



# INTERNATIONAL TREE DAY





# 0800 AMBIENTE

## COMPLAINT NO. 1804

**STATE:** Barinas

**PARISH:** Ramón I Méndez

**LOCATION:** Los Ilustres neighborhood, main avenue, street number 3, house number 56, name of the denounced Yaneth Montoya.

The commission attached to MINEC performs technical inspection at the address mentioned above, upon arrival at the site was attended by the owner of the house, informed the reason for the presence in the place, corroborated the existence of 14 pigs (07 adults and 07 piglets of approximately 21 days of birth) was requested the instrument of prior environmental control that accredits the execution of such activity, for which the citizen said not to possess, the same was summoned to appear before the offices of MINEC to provide informative statements regarding the case.



## COMPLAINT N°1792

**STATE:** Táchira

**MUNICIPALITY:** San Cristóbal

**LOCATION:** Libertador Avenue, facilities of the industrial technical school Eleazar López.

**A** re-inspection was carried out for access to the easement access that is in the facilities of the aforementioned educational institution, in which it was observed that there is a mass movement in the back of the facilities that has been accelerated by the rains that have occurred in

recent weeks in the state, affecting a tree of the pine species that leaned towards the educational building. In the elaboration of the inspection report, it was verified that the mentioned institution is in the process of requesting the felling, but due to the lack of documents, the process had not been continued.



## THE MINISTRY OF PEOPLE'S POWER FOR ECOSOCIALISM "MINEC" THROUGH ITS CORE ACTIONS SUCCEEDED IN ACTIVATING A FORCE OF:



34,247 Spokesmen and Spokeswomen of the People's Power



4,988 Brigade Members Against Climate Change



5,012 Park Rangers



2,262 Forest Firefighters



The participation of 3,095 public servants and servants





# DID YOU KNOW?

Although its use is uncommon, or at least in these times, the capital is known as “La sultana del Ávila” (the sultana of Ávila). This is because the mountain emulates the shape of a reclining woman. So, if you appreciate it from the area of El Paraíso, you can glimpse what some called “an odalisque in love”



# ECOGAMES

*Find the differences in the following image!*



This ecogame consists of the exhibition of different objects, which are generally the same. Among them are one or more exceptions that must be detected and selected to solve the game.

