



SDG Report

2022-2023



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innovaflora

Flowers and plants are our essence. They form the foundation of our industry, serving as one of its most crucial resources. So are our people, the people who build this business group, as well as those who enjoy our products.

In alignment with our commitment to continuously pursue cleaner, more humane, and environmentally and socially friendly production practices, we actively engage with the United Nations Sustainable Development Goals (SDGs). These goals serve as frameworks guiding our efforts to fulfill this commitment. This report highlights the initiatives undertaken within this framework.

The document outlines the enhancements, new projects, and updates implemented during the years 2022 and 2023.



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FLORVERDE



SUSTAINABLE
FLOWERS

Florverde Sustainable Flowers is a certification aimed at improving labor conditions and the social and environmental impact of floriculture companies worldwide, as well as enhancing flower production processes, which are measured through indicators evaluating procedures in three dimensions: **environmental, social, and good agricultural practices.**

It has global recognition and impact, creating a supply chain with the best sustainable development criteria.

The Tocancipá cultivation in Colombia **was certified in January 2023 and recertified in February 2024**, key milestones in strengthening the sustainable agenda and bolstering our operational standards. This certification is a demonstration of our commitment to a culture of social, economic development, and respect for natural wealth, humanity, and the environment.



TOWARDS A CLEANER AND CONSCIOUS PRODUCTION

We have divided the efforts that the Innovaflora group carries out into three large dimensions in order to achieve our objectives:

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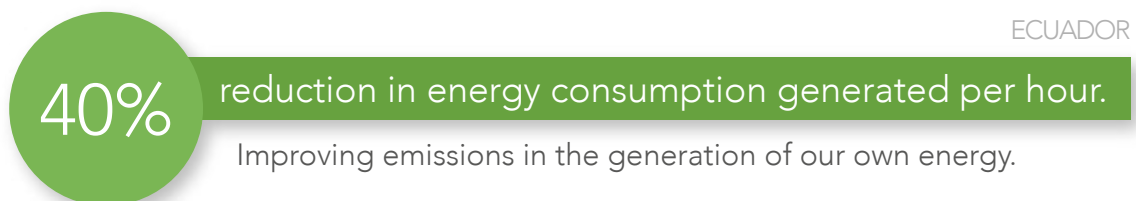
- Environmental dimension
- Social dimension
- Economic dimension

Environmental dimension 2023

Initiatives that promote a cleaner production



We pursue the highest level of efficiency in processes such as consumption and utilization of materials and rainwater. Similarly, we have reduced our carbon footprint by migrating to sustainable energy sources and responsibly managing waste.



Thanks to the efforts aimed at reducing our carbon footprint, our main production center in Colombia has managed to reduce tons of CO₂e by 40% between 2021 and 2023. *Source: CAEM- Corporación Ambiental Empresarial subsidiary of the Chamber of Commerce of Bogotá and the CAR. ISO 14064-1 Standard*

35%

more cardboard recycled.

COLOMBIA

REUSE OF
PACKAGING

in the classification
and manufacturing of
arrangements.

JAPAN

50%

less energy consumption
thanks to the adoption of
LED illumination.

ECUADOR



Environmental dimension 2022

Initiatives that promote a cleaner production

- We adapt the soil and composting area to avoid the accumulation of rainwater. New pumping systems and channels to recover rainwater for farm use.
- Construction of a new collection center for re-usable, non-usable and dangerous waste to comply with current regulations.
- Constructions of charging station for electric vehicles to promote clean mobility.
- We changed the refrigeration systems from R22 to R290 with propane gas in our three controlled temperature rooms to eliminate less environmentally friendly refrigerant gases (HCFC).
- We optimize the domestic water treatment plant and move from biological to physical-chemical treatment, which improves water quality and reduces retention time in the plant. This also has a positive economic impact.

ECUADOR

TECHNOLOGY RENEWAL
IN ALL THE LIGHTING
GENERATING ENERGY SAVINGS OF

30%



90t

REDUCTION
OF PLASTICS IN
PACKAGING

and 2.1 tons of material that will not leave the facilities
to contaminate the environment.

COLOMBIA

BOILER CHANGE
TO NATURAL GAS



- 45% CO2

- Reduction of particulated emissions.
- 60% reduction in nitrogen oxide emissions.
- 45% less CO2 emissions.

COLOMBIA
SPAIN

INSTALLATION OF
SOLAR PANELS



200 kWh produced

30% of the energy
consumption of
the company

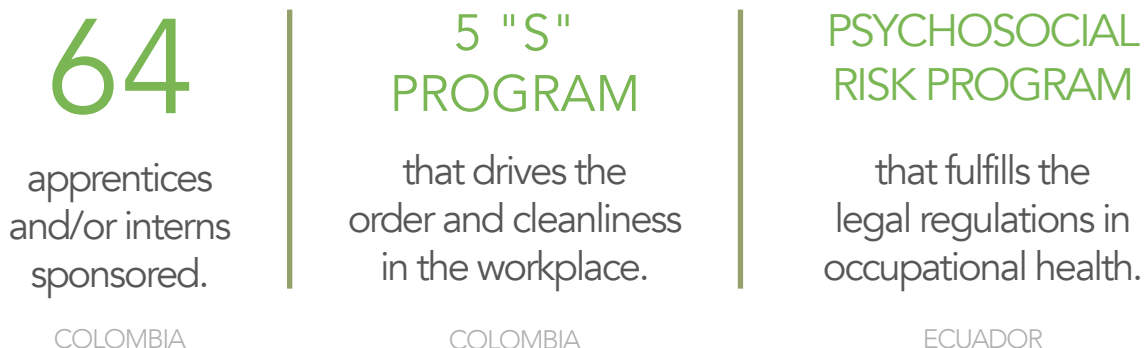
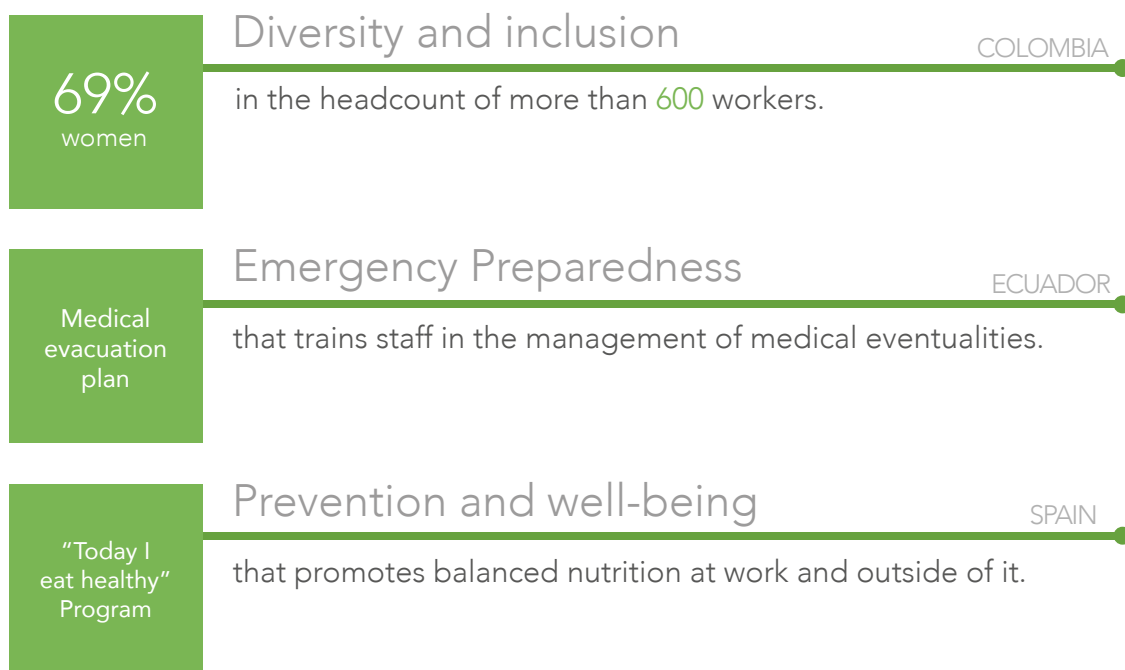


Social dimension 2023

Initiatives that promote more socially responsible production



We carry out actions to improve the quality of life of our collaborators through investments in locational adaptations for their well-being, as well as educational campaigns, training programs and social impact programs.



- Lucie de Véléz Award for building training spaces that go beyond the social (COL).
- Assurance of illumination levels in work areas; Industrial safety program; provision of thermal clothes; design of ergonomic tools to reduce risks (COL).
- Stable and quality employment that promotes equality and diversity through selection processes without distinction of ethnicity, gender, beliefs, and/or marital status. 🌐



Social dimension 2022

Initiatives that promote more socially responsible production

- Adaptation of lockers, bathrooms, showers and laundering of workers' suits.
- Construction of a medical office for personnel.
- Adaptation and improvement of dining areas for the farming team.
- Collection of in-kind donations for the most vulnerable neighborhoods in Tocancipá.
- Design and implementation of a robot for lifting trays from modules. Manual activity is eliminated.
- Construction of a lactation room.
- Flexible work schedules according to family situations.
- Implementation of medical programs and insurance.
- Supply and autonomy of consumption of PPEs (Free vending machinery for PPEs).
- Implementation of the Gender Equality Program.
- Promotion of remote work for COVID-19 and natural disaster prevention.



TRAINING PROGRAMS



HARVARD
UNIVERSITY

crehana



Training in managerial soft skills for bosses, specialists, and supervisors.

JAPAN

"Floever House", the interactive center for orphans in Bogotá, provides



EDUCATIONAL PROGRAMS

and opportunities to learn professional skills for their future careers.

COLOMBIA

DRINKING FOUNTAINS IN PRODUCTIVE AREAS

5

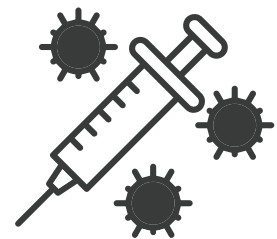


So the staff stays hydrated during the workday.



Vaccination program

against
COVID-19

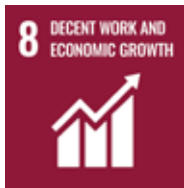


sponsored by the company



Economic dimension 2023

Initiatives that promote more efficient production



We optimize our production processes through new technologies, product redesigns that enhance performance attributes, and global operational synergies, resulting in increased production capabilities.

→ Colombia

- Designing ergonomic tools to reduce risks, physical strain, and production time, thereby increasing productivity.
- Verification of adequate working conditions to ensure the proper functioning and efficiency of the equipment.

→ Spain

- Improvement in performance through the calibration of operational parameters.
- Recovery of preservation liquids totaling **19,000 liters**, resulting in significant savings in the process.

→ Japan

- Optimization of packaging size according to market needs, resulting in an increased profit ratio.
- Creation and promotion of new assorted packaging (colors and mixed varieties) using existing products.

→ Ecuador

- Review of the production process to save on preservation liquids and reduce waste. This reduction generates significant savings.
- Implementation of an online tracking plan using QR codes that reduce operational time.

CONSUMPTION
REDUCTION

Reduction in preservation material consumption through liquid recovery.

SPAIN

0.5 TON

of recycled plastics.

SPAIN



Economic dimension 2022

Initiatives that promote more efficient production

- Reuse of process liquids to reduce waste and disposal costs of productive materials.
- 50% improvement in the reuse of production liquids.
- Leveraging global technical capabilities to work on synergetic projects.
- BASC certification in our operation at the plant in Ecuador.

COLOMBIA

40%

INCREASE IN
PRODUCTION CAPACITY

An improved utilization of
fresh flowers and plants

COLOMBIA

45%

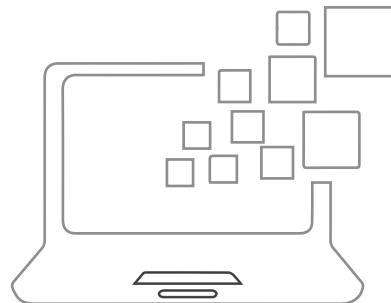


TIME REDUCTION
IN PRESERVATION PROCESS

due to the implementation of
new formulation technologies.

COLOMBIA
SPAIN

UPGRADE TO THE
LATEST ERP TECHNOLOGY



Allows for the collection of information
in a more automated, accurate, reliable,
and faster manner about the business.

COLOMBIA

120%+

CAPACITY IMPROVEMENT

to process different specifications
of fresh flowers and plants

6



Report



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Final note

The data presented in this report is based on available internal reports and KPIs as of December 2023, compiling the main efforts of recent years selected within the framework of the Sustainable Development Goals.

The framework of indicators created by the United Nations is used to review progress across Innovaflora's entire group.

The choice of presented information for this report does not represent a prioritization of goals and/or objectives as all are equally important.





innova**flora** 2024

