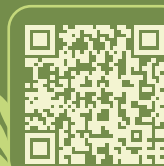




## Facens 2022 Sustainability Report

Also access  
the online version:







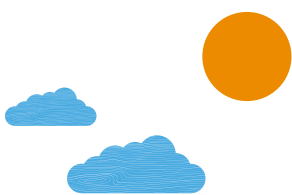


# **Facens 2022 Sustainability Report**





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# Manifest



The speed with which we have advanced in recent decades in technological and scientific issues brings pros and cons, but it is clear that the result of what we are currently experiencing is a mismatch between greed and responsibility towards oneself, one's peers, the next generations and all living beings on this planet.

The enormous deficiency of many human beings is to think that they are not part of nature, that they are superior, and that the planet is here to serve them.

We all look for happiness and the best for our families, but what is the point of these desires if the planet where we live is not healthy? How can you be happy if everything around you is falling apart, with so many tragedies and social inequalities?

Our search as humanity is for balance and regeneration as people, professionals, and citizens of the world. We all have the power to be agents of change, and only together will we be able to mitigate projections of the systemic challenges we are facing.

It is the responsibility of any educational institution to promote the development of more conscious, up-to-date, realistic human beings with a critical sense of the impacts of their actions, and this is the legacy that Facens intends to leave.

**Thais Barros Beldi**  
Maintainer







# Sustainability Report

With the Facens University Center Sustainability Report, we demonstrate the institution's commitment to being aligned with the UN 2030 Agenda. In it, you will be able to learn about our pillars for sustainability and main approaches to the topic, follow-up our progress and, through the Smart Campus® concept, understand how sustainability is implemented in our daily lives. We invite you to be part of this movement, shall we?







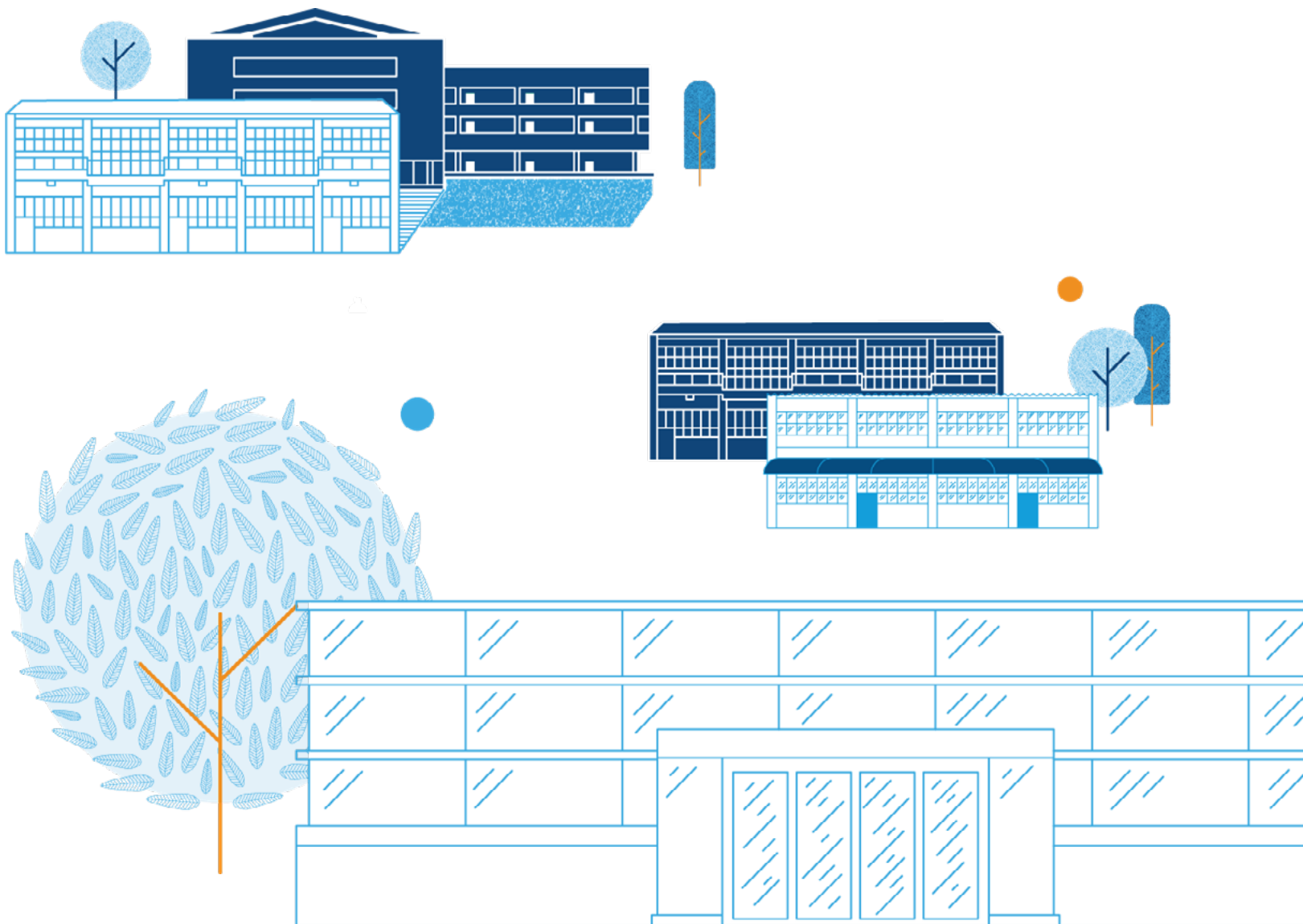
## Facens

Founded in 1976, Facens began as a technical college and became the first higher education institution in the area of Engineering in the city of Sorocaba. In these 47 years of existence, we have always been in full development. Today, we have 18 undergraduate courses in the areas of Engineering, Architecture, Technology, and Health, as well as Postgraduate courses, MBAs and Specializations.

Our level of education is recognized by the Ministry of Education (MEC), we are a top grade (5), therefore, according to its indicators, we are one of the best higher education institutions in Brazil.

Moreover, we are a Smart Campus®, an innovative smart campus concept patented by Facens. In 2022, we were recognized for the second time in a row, by the UI Greenmetric International Ranking, as the most sustainable private higher education institution in Brazil. We support the movements Conscious Capitalism Brazil and Circular Economy and also became signatories of the UN Global Compact, which highlights the importance of sustainability for the organization.

All this meets our main goal, which is to develop more conscious and sustainable citizens and professionals who are prepared to deal with the social, economic, and environmental challenges of our planet.



## Message from the Dean



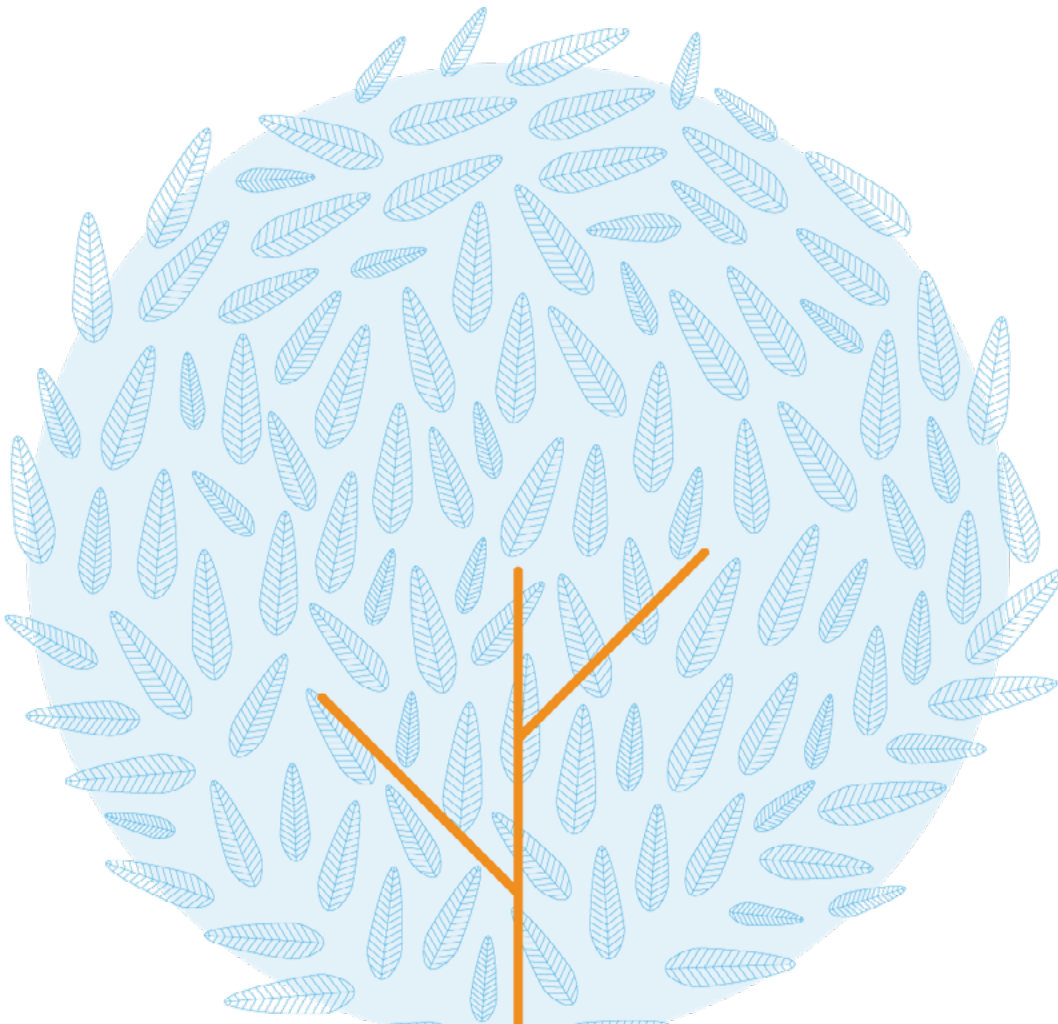
As dean of the Facens University Center, I am honored to have the mission of strengthening sustainability as a strategic pillar of our institution.

For two consecutive years, we have been considered the most sustainable private higher education institution in Brazil. This is the result of our strong commitment to integrating sustainability into our academic and administrative activities, always aiming to develop more responsible and conscious students and professionals.

In 2022, we carried out several projects that promoted our four pillars for Sustainability: environmental, social, economic, and education for a sustainable future. These are actions such as efficient waste management; the expansion of our solar energy matrix; socio-emotional support to students; the social impact on local communities; the sustainable educator award; and several others in favor of our goals and the UN Sustainable Development Goals (SDGs).

My commitment to students, collaborators, and the whole society is to make the Facens University Center, increasingly, a more fertile field to plant and cultivate good ideas and actions that bring positive and sustainable results for our society and for our planet.

**Fabiano do Prado Marques**  
Dean



## Testimonials



**Rafaela Jacção Alves**

student of the 3rd semester of Architecture and Urbanism and participant of the Student Sustainability Committee

Throughout my life, I have heard a lot about sustainability and grew up seeing my family – especially my father and grandfather – participating in projects and events on this subject, both because of work and out of personal desire. With this, I was able to realize very early on the importance of sustainability in my life, in that of the people I know and around the world, because it is what will provide a good quality of life for all living beings on the planet, not only for us, who are present here and now, but for those who will be here in the future.

When I joined Facens and came across the several events, groups, and projects that revolved around sustainability, I realized that this was the college that was going to enable me to develop my academic life and approach my course in the way I wanted: thinking about sustainable development, showing how it is possible to think about economic development together with human needs and environmental conservation.

Since then, I have had the opportunity to participate in initiatives aimed at social and environmental good by the Facens Social Innovation Laboratory (LIS) to witness the development of sustainable projects in my area and participate in the Student Sustainability Committee, to develop and carry out sustainable proposals, in addition to seeking to learn more about the subject and promote this knowledge and awareness to others.

In the academic training of our students, it is crucial to bring academic knowledge closer to the needs of today's world, including the principles of sustainability, in all its dimensions. Knowing, reflecting, changing attitudes, and seeking sustainable solutions are part of the way to improve the living conditions of current and future generations.

As a professor of the Psychology course, I work with students on the future professional's commitment to promoting health and social and emotional well-being, prioritizing prevention, and valuing life. According to the World Health Organization (WHO), mental health is directly linked to general health and well-being.

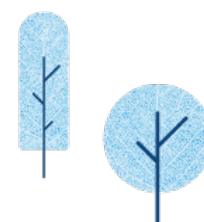
In 2022, I developed the Project "Sustainability and Mental Health: A Possible Path to suicide prevention", with 3rd semester students, during the Yellow September Campaign at Smart Mall Facens. This project was awarded in the Sustainable Educator category by the Facens Social Innovation Laboratory (LIS). I thank the coordinator of the Psychology course, Carolina Antonelli dos Santos, and the LIS Facens team for their support and encouragement of professor participation.

Being part of the Facens faculty is an amazing experience. The institution's mission is to develop and prepare people and teams for a better future, with balance and social well-being. Together, walking and sowing, we can reap valuable fruits, after all, as Mahatma Gandhi said: "Be the change you want to see in the world."



**Sandra Cristine Arca**

professor of Psychology, master's in teaching in Health Sciences and winner of the 2022 Sustainable Educator award





**Denis Borg**

professor of Mechatronics Engineering and PhD in Electrical Engineering, winner of the 2022 sustainable educator award, Honorable Mention category

I was very happy to develop the end-of-course written paper Agricultural Robot with student Renan Gustavo Paulino Mendes, from Mechatronic Engineering, in 2022. The project consisted of developing a robot whose purpose was to help a family farmer, who has a low income and is unable to acquire a professional sower. More specifically, the prototype aimed to assist in the planting of seeds, in an automated way, reducing the farmer's exposure time to sunlight – which can cause health problems – using low-cost materials, such as Arduino and the inventor APP, which is a free software for communicating with the cell phone. The gain for the student was the development of skills in integrating sensors/actuators and programming – both Arduino and App Inventor –, and consolidating knowledge acquired during the Mechatronics Engineering course into a real project.

I was also happy to win the prize and be able to enjoy the Paraty Hotel in Ibiúna on a weekend with my wife. Delicious food, lots of greenery, and great mental hygiene.

I thank the LIS staff, Ana Barros, and all the staff involved in the event.

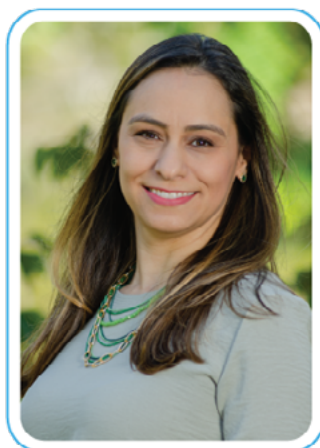




## Report Authors



**Vitor Belota**  
Sustainability Head



**Luciana Gomes**  
PMO Project Specialist



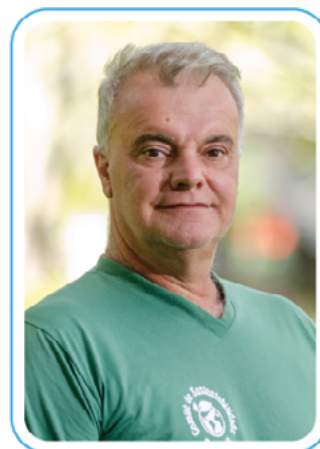
**Ana Camargo**  
Engineering Professor -  
Basic Cycle



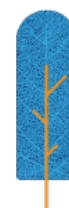
**Mabel Oliveira**  
Social Innovation Analyst



**Felipe Fengler**  
Professor of Engineering and  
Sustainability



**Maurício Tolotto**  
Sustainability Analyst



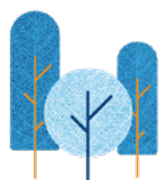




The Smart Campus® Facens concept began in 2014 and differs in that we consider our campus a great living laboratory for studies, implementations, and generators of solutions for Human, Smart, and Sustainable Cities. We consider our entire ecosystem and act in a multidisciplinary manner and integrate all the Innovation Centers and departments of the Facens University Center. Due to our pioneering spirit, we hold the Smart Campus® trademark registration, which has become a terminology used and replicated in universities and national and international complexes.

**“Where cross my talents and passions with  
the world’s needs, there is my way.”**

**– Aristóteles**







EDUCATION  
AND CULTURE



ENVIRONMENT



ICT



ENERGY



MOBILITY AND  
SECURITY



URBANIZATION



INDUSTRY AND  
BUSINESS



HEALTH AND  
QUALITY OF LIFE



LEADERSHIP

## Axes of action

The projects developed within the Smart Campus® Facens are divided into nine axes of action, directly connected to the Pillars for Sustainability of the Facens campus, the 17 UN Sustainable Development Goals, and the ESG (Environmental, Social, and Governance) concepts.



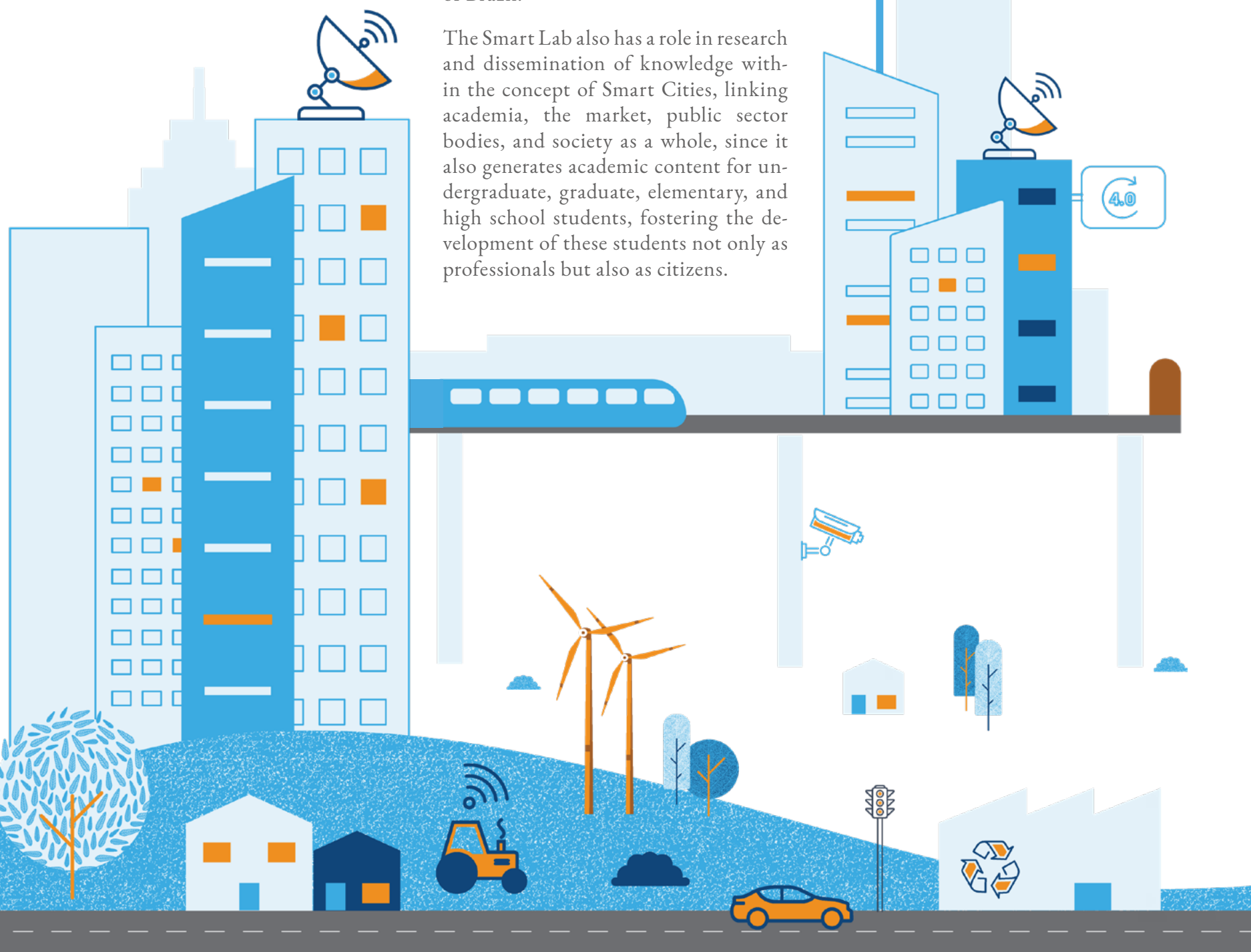
The Smart Lab is the Innovation Center responsible for the entire process of research, development, testing, implementation, analysis, and governance of the solutions implemented in the Facens Smart Campus.

Since the creation of the Smart Lab, more than 350 projects and different types of IoT (Internet of Things) devices have been implemented. All these achievements allowed the recognition of the campus as a Reference Center for IoT, Technologies 4.0 of the Ministry of Science, Technology, and Innovations of Brazil.

The Smart Lab also has a role in research and dissemination of knowledge within the concept of Smart Cities, linking academia, the market, public sector bodies, and society as a whole, since it also generates academic content for undergraduate, graduate, elementary, and high school students, fostering the development of these students not only as professionals but also as citizens.



**Centro de Referência  
IoT e Tecnologias 4.0**  
Facens | MCTI



To manage this tool, there is an internal team specialized in the integration of the different communication protocols of the devices, among which LoRa, Bluetooth, ZigBee, Wireless, 5G, among others, are always up to date with the technologies of the market.

To assist in Smart Campus® Facens Governance, the Smart Lab has a large DashBoard with information on projects implemented on campus, simulating a Control and Operations Center – CCO.



DashBoard also serves as a tool for students, professors, and researchers in project development, as it is a platform for data collection, storage, and transformation.



## 2022 Highlights:

### Projects

#### Educational electronic spine

Monitoring the speed and number of vehicles circulating within the Facens campus. The operation of the technology is carried out using an infrared doppler.



#### Telemanaged water distribution via IoT

In 2022, the implementation of the water consumption sectorization of the Facens campus was continued, through the installation of remote meters (Telemanagement with IoT), enabling water consumption sectorization; identification of environments with higher consumption; identification of possible hydraulic problems and water leaks; and real-time monitoring of reservoir levels and pressure.

#### Monitoring of soil parameters

Monitoring of environmental variables (soil humidity and temperature in different layers, solar radiation, temperature, air humidity, and atmospheric pressure), via IoT devices, with generation of consolidated data in DashBoard to evaluate the influence of the crop (chard and spinach) during its development cycle on the quality of the planting soil. The project was carried out by the agronomic engineering course on a construction site within the Facens campus.



## Achievements



In 2022, 42 lectures/master classes were given for national and international audiences, referring to the concepts of Human, Smart, and Sustainable Cities.



In 2022, the Smart Lab was visited by more than 25 schools to demonstrate in practice the concepts of CHIS (Human, Smart, and Sustainable Cities).



Facens Cooperation via Smart Campus® and CIP - Colégio de Ingenieros del Perú to teach courses and immersions in the concepts of Smart Cities.



Smart Campus® Facens was among the Top 3 of the Smart City Expo Latam Award, competing with Mexico City and Manizales, Colombia.



Brazil Digital Transformation Award and National Highlight 5G Smart Campus Facens.

SmartLab was invited to compose the Working Group of the city of Votorantim in the project of Acceleration of digital transformation of municipalities carried out by the GOV. BR Network, with support from the IDB (Inter-American Development Bank).



SmartLab gave a lecture at the 13th International Smart City Expo, held in Dubai.



SmartLab gave a lecture at the Smart City Expo World Congress 2022 in Barcelona.



Smart Cities Workshops held for MapleBear, in Jundiaí, and Uirapuru, in Sorocaba.

Smart Cities Itinerary held for high school students at Colégio SER/Sorocaba.



Launch of the digital book of Case Studies for the development of PDT-CIs (Technology Master Plan for Smart Cities) in the cities of Iperó, Itapetininga, Monteiro Lobato, Porto Feliz, Pouso Alegre, Sorocaba, Ubatuba, and Votorantim.

Access the book:





## Pillars for Sustainability

At the Facens University Center, our greatest mission is to guide our students, professors, and other collaborators to develop a systemic vision and understand practically the importance of sustainability for the transformation of our present and the construction of our future.

Therefore, we promote an education aligned with the social, environmental, and economic needs of our society and the planet.

Thus, our projects are divided into four pillars: Social, Economic, Environmental, and Education for a sustainable future. Each pillar is subdivided into priority themes, which are directly connected to the Sustainable Development Goals (SDGs) of the United Nations (UN) 2030 Agenda.





Get to know our axes of action

ENVIRONMENTAL



ENERGY AND CLIMATE CHANGE



NATURE, ECOSYSTEMS AND BIODIVERSITY



WASTE MANAGEMENT



SUSTAINABLE USE OF WATER

SOCIAL



SCHOLARSHIP POLICIES AND FACILITATED ACCESS TO EDUCATION



GENDER AND RACE EQUITY, AND DIVERSITY



HEALTH AND WELLNESS



SOCIAL ACTIONS AND PARTNERSHIPS

EDUCATION



TEACHING QUALITY



SUSTAINABILITY RESEARCH



EXTENSION TO SUSTAINABILITY



ECONOMIC



LEADERSHIP



INTEGRATION WITH THE MARKET



STUDENT ADMISSION AND RETENTION



EMPLOYABILITY AND CAREER OPPORTUNITIES



SDGs:

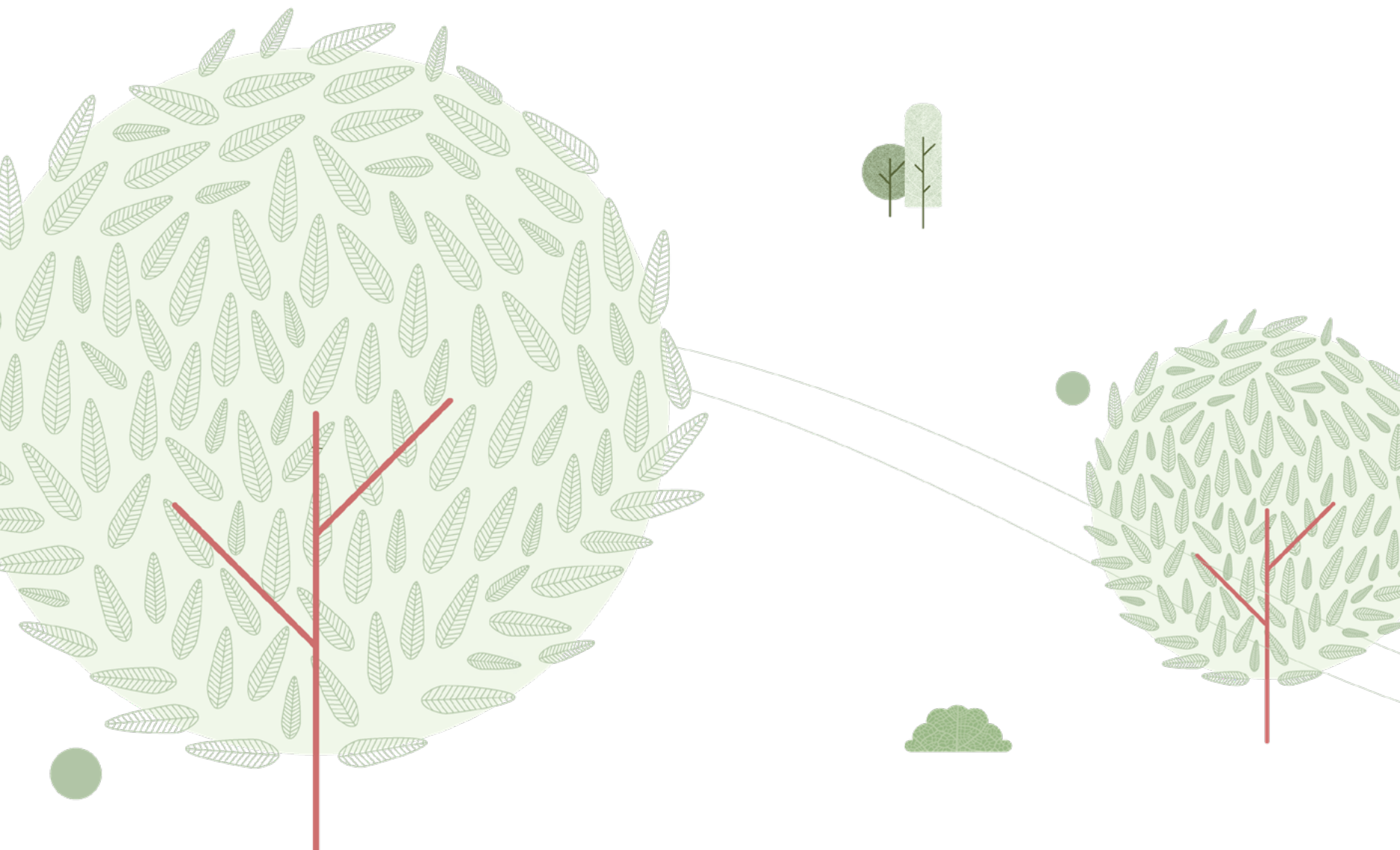


# Environmental Pillar

As a smart and sustainable campus, the Facens University Center understands that caring for the environment depends on the awareness of everyone who lives in this space. Therefore, we seek to educate our community and develop solutions that minimize and regenerate environmental degradation, enhancing human development and the well-being of our students and employees.

The Environmental Pillar consists of four areas of activity: Energy and climate change, Waste management, Sustainable use of water, and Nature, ecosystems and biodiversity. We act in a systemic way in each axis, with the adoption of sustainable practices on our campus, intending to build a more sustainable future for all. These themes mainly encompass SDGs 6, 7, 13, 14 and 15.

**“The greatest threat to our planet is the belief that someone else will save it.”**  
– Robert Swan





AXES OF ACTION:

**ENERGY AND CLIMATE CHANGE**

**NATURE, ECOSYSTEMS AND BIODIVERSITY**

**WASTE MANAGEMENT**

**SUSTAINABLE USE WATER**



“We can't predict the future, but we can create one. Bold and immediate actions to reduce greenhouse gas emissions are essential to ensure a sustainable future for all.”

- Kofi Annan

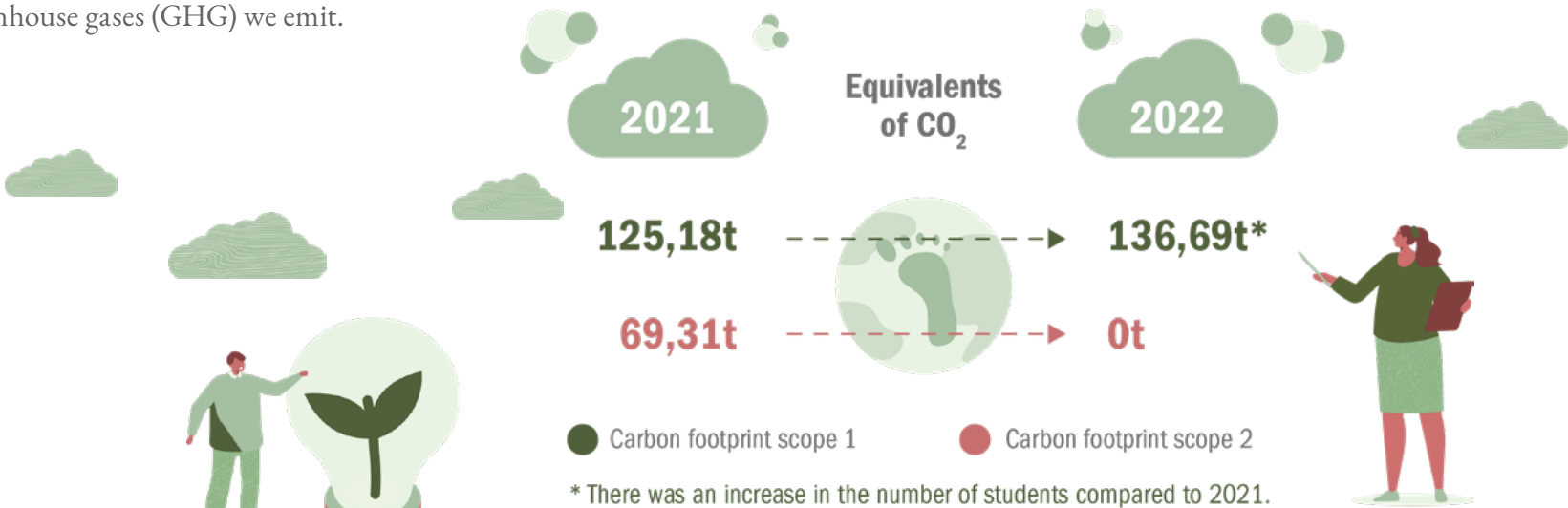
## Carbon footprint

Being aware of this environmental problem, we are continuously monitoring our emissions and seeking solutions to minimize our carbon footprint, which is the amount of greenhouse gases (GHG) we emit.

### Carbon inventory is quantified in two scopes:

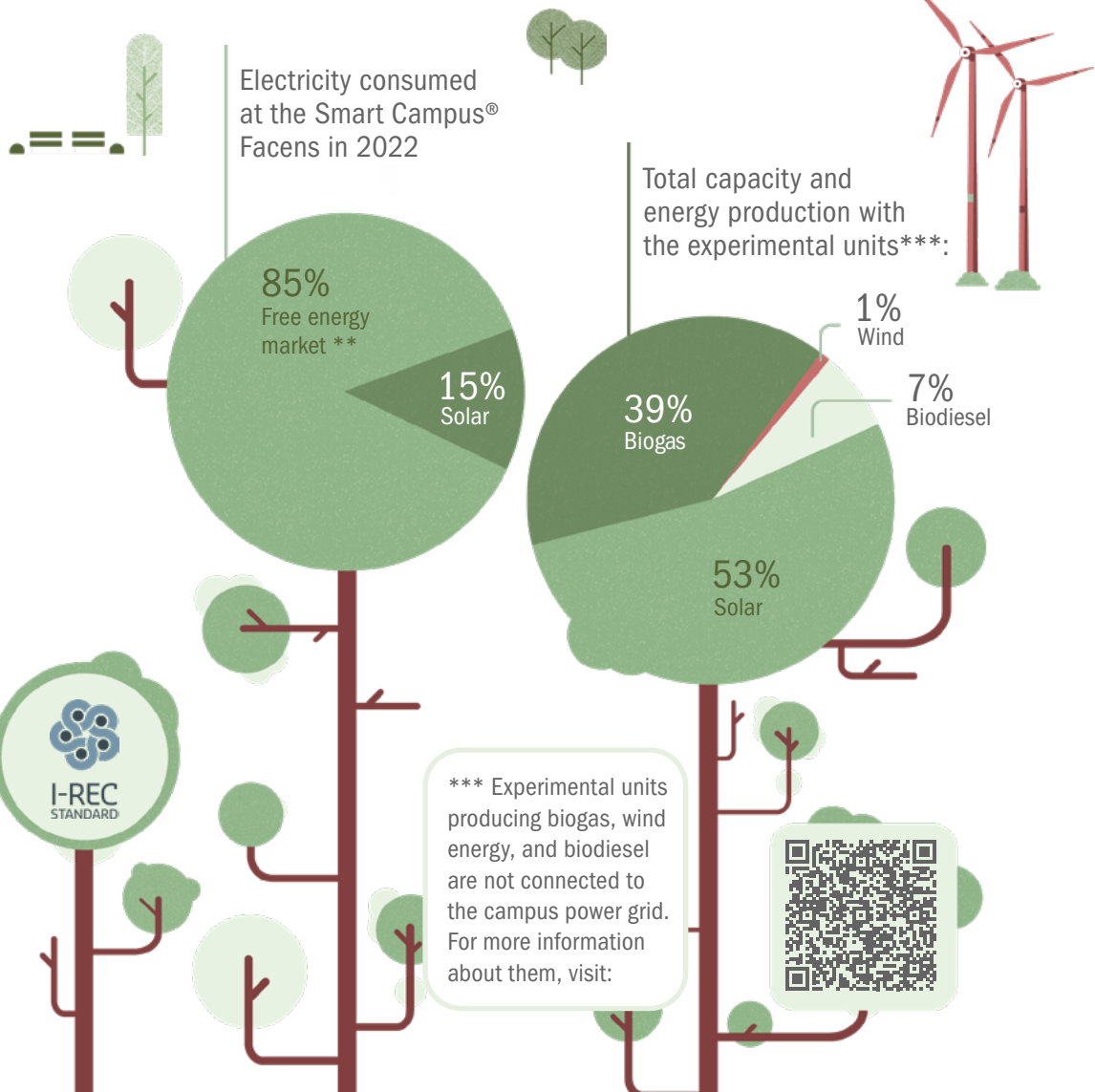
**Scope 1:** mobile combustion for transport in general – operational fleet and circulation of vehicles on campus in 2022 (collaborators, students, and visitors) was 136.69t CO2 equivalents;

**Scope 2:** greenhouse gas (GHG) emissions from the acquisition of electricity consumed in 2022 was 0t CO2 equivalents.



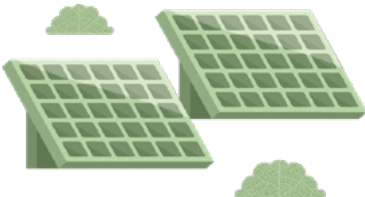
## Energy

The energy of the Facens University Center is produced by 100% renewable sources, counting on the generation of energy from the photovoltaic system and the purchase of 100% renewable energy in the free electricity market.



\*\*In 2022, 827 MWh of energy were purchased from Facens and, to prove that 100% of our energy comes from renewable sources, we purchased I-REC. The International REC Standard (I-REC) is a global, unified methodology system that certifies the source of energy as renewable.

To obtain the I-REC, the amount of energy consumed is calculated. Each REC represents a renewable energy generation unit (1 REC = 1MWh). Therefore, the Facens University Center acquired 827 RECs from CPFL in 2022.





# Conscious use of water

50% of our buildings have water consumption monitored in real time!

## 100% smart water meters

15 smart hydrometers installed on the Smart Campus.

## Treatment system

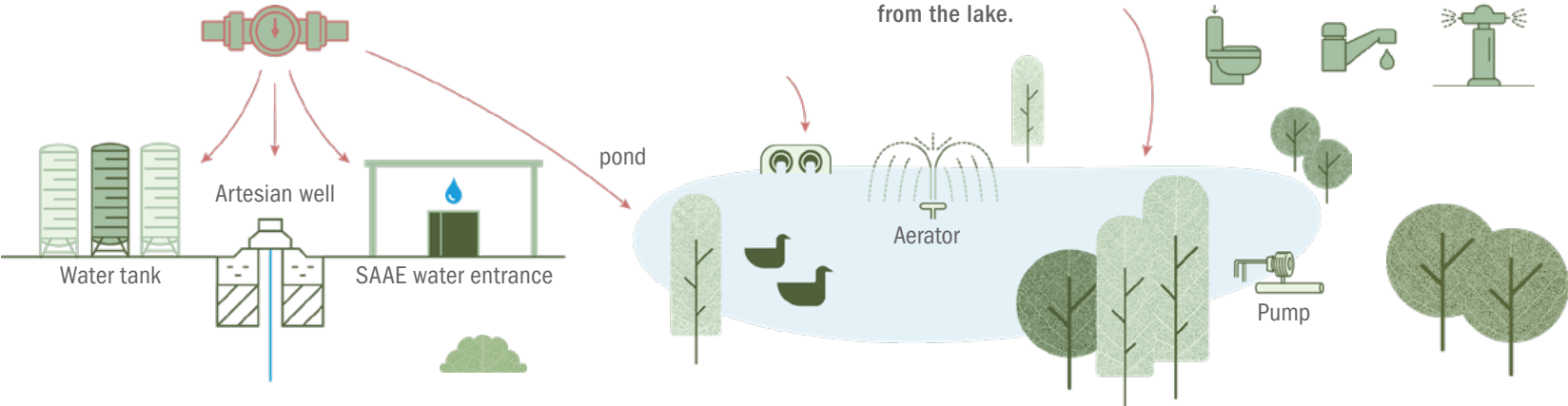
100% of the water consumed on campus is treated on campus, including the lake.

## Green areas

100% of the water used in the irrigation of Facens gardens comes from the lake.

## 100% water use efficiency

of sanitary and irrigation devices.



# Recyclable waste

At Facens, we diverted from landfills:

- 60.8% of all solid waste produced in 2021;
- 67.2% of all solid waste produced in 2022;
- In 2022, more than 10 tons of solid waste were recycled.

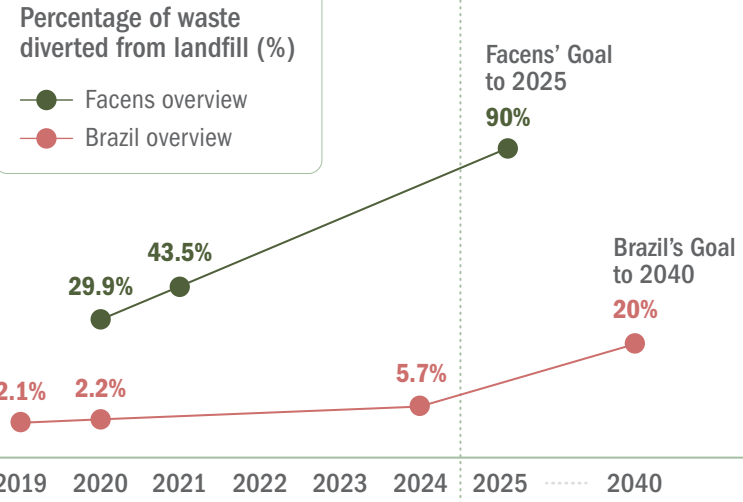
# Organic waste

Our students returned to campus in 2022 and their food waste too, however, with our infrastructure, we were able to keep 100% of the organic waste produced in the canteen and restaurant away from landfills!

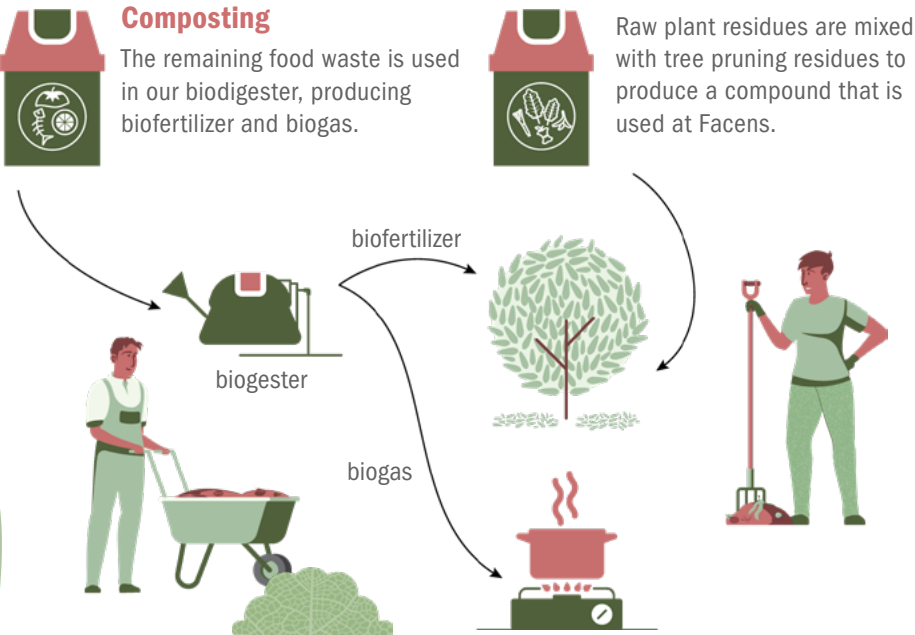
In 2022: we managed to reuse 2021 kg of food waste.



CORESO (Sorocaba Recycling Cooperative) team and Celso Marcelo da Silva, from the Facens team, responsible for the collection and correct disposal of our recyclable materials.



Source: Recycling in Brazil reaches only 2.1% of everything that is collected. Available at:

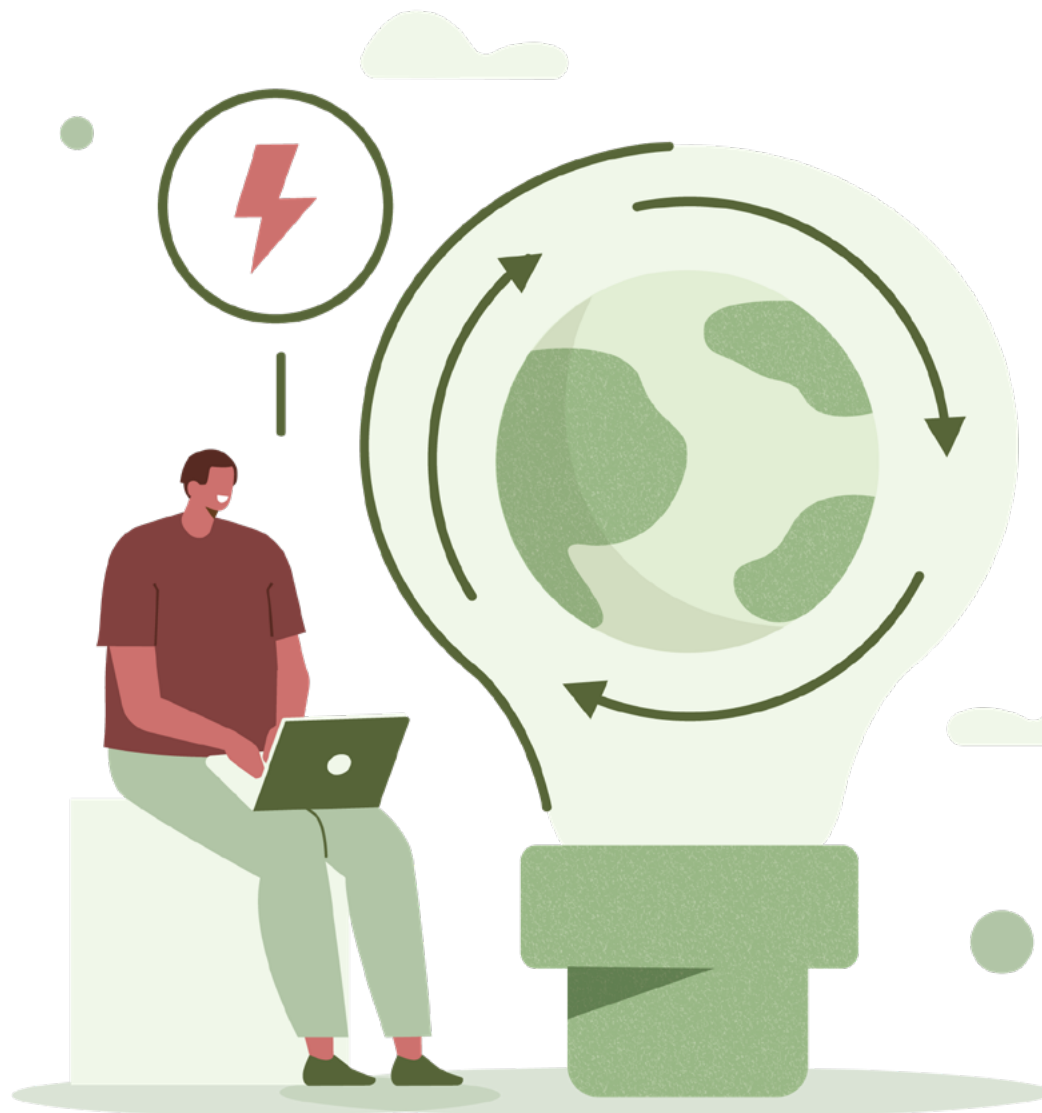


## Energy and climate change

Climate change is considered one of the greatest threats to the planet and humanity. Its consequences are already experienced in many aspects of our lives, from health to the global economy. At the Facens University Center, we adopted a series of activities to reduce greenhouse gas (GHG) emissions from our daily activities, in addition to seeking the development and implementation of new technologies for the production of clean and renewable energy.

**“The climate emergency is a race that we are losing, but it's a race we can win.”**

- António Guterres  
(UN Secretary-General)





EXPANSION OF THE PHOTOVOLTAIC SYSTEM



In 2022, we expanded our solar photovoltaic power generation system by more than 70kWp, thus generating 15% of all electricity consumed by the campus from this renewable source.

With the new system in operation, we will be able to further reduce our CO<sub>2</sub> emissions.



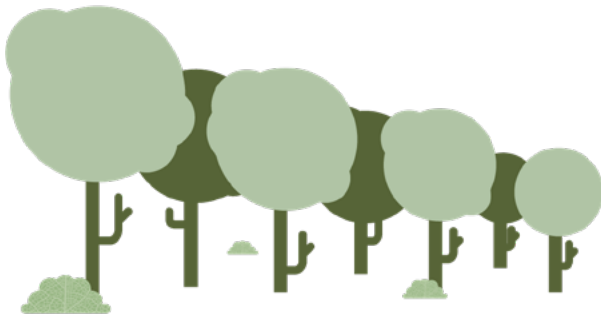
PHOTOVOLTAIC PRODUCTION SYSTEM

In 2022, we were able to reduce our carbon dioxide emissions by 313t, which is equivalent to:

7,920 trees

Decrease in CO<sub>2</sub> equivalent between 2016 and 2022.

1,255,254km  
(driven in a gasoline car)





# Waste management

The problem of solid waste is a concern in all sectors, including the educational. Our challenges involve changes in institutional posture, reaching cultural paradigms, and the need for innovation and commitment to implementing the 5Rs (Rethink, Refuse, Recycle, Reduce, and Reuse). At the Facens University Center, we search to minimize waste generation and implement sustainable management practices, such as recycling and composting. We continuously seek to improve our processes, encouraging the awareness and participation of the university community in sustainable waste management.

“Waste is the message that we need to change our habits.”  
- Annie Leonard



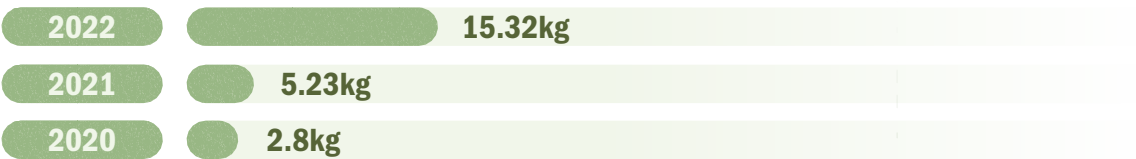
**Lamp**  
They return to the manufacturer to be reused.



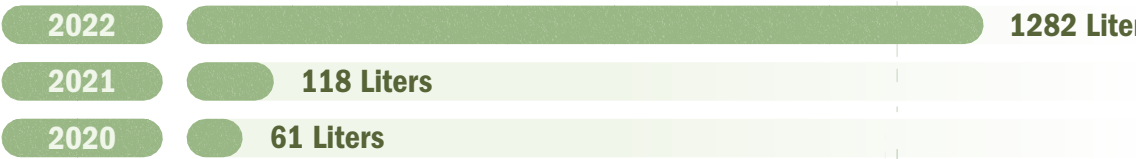
**Electronic waste and batteries**  
100% of the discarded electronic components are reused.



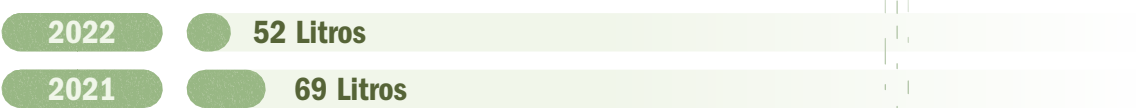
**Cigarette butts**  
They are turned into paper.



**Cooking oil**  
It is reused and transformed into soap.



**Lubricant oil**  
It is refined again and reused.



## Plastic

In the last year, we have continued our actions for non-plastic generation at Smart Campus® Facens. We use biodegradable plastic bags, plastic cups, and straws have been replaced with paper cups and straws, and we distribute mugs and squeezes to our students and collaborators.

### These actions distributed in 2022:

- 568 squeezes and mugs;
- 284 100% biodegradable plastic bags.

### Since 2020, we have stopped consuming more than:

- 4,000 units of plastic cups;
- 400 plastic bottles;
- 1,670 plastic straws.

## Paper

In 2022, we adopted actions to reduce paper consumption at the Smart Campus® Facens. We prioritize the use of the virtual learning platform to carry out evaluations, deliver assignments, and use eBooks in the Facens University Center courses.

In **2019**, in the year with face-to-face classes prior to the COVID-19 pandemic, we used



In **2022**, with the easing of circulation restriction measures to combat the pandemic and the complete return of face-to-face classes, we used



As a result, we have seen an 80% reduction in paper consumption for academic activities

## Actions for our community

Throughout **2022**, we held **5 events** and posted **13 articles** on the Facens Blog to raise awareness in our community about the problem of solid waste.

And, with that, **100%** of our collaborators in the operation were trained to also implement the **5Rs** in their daily lives.



## Sustainable use of water and nature, ecosystems, and biodiversity

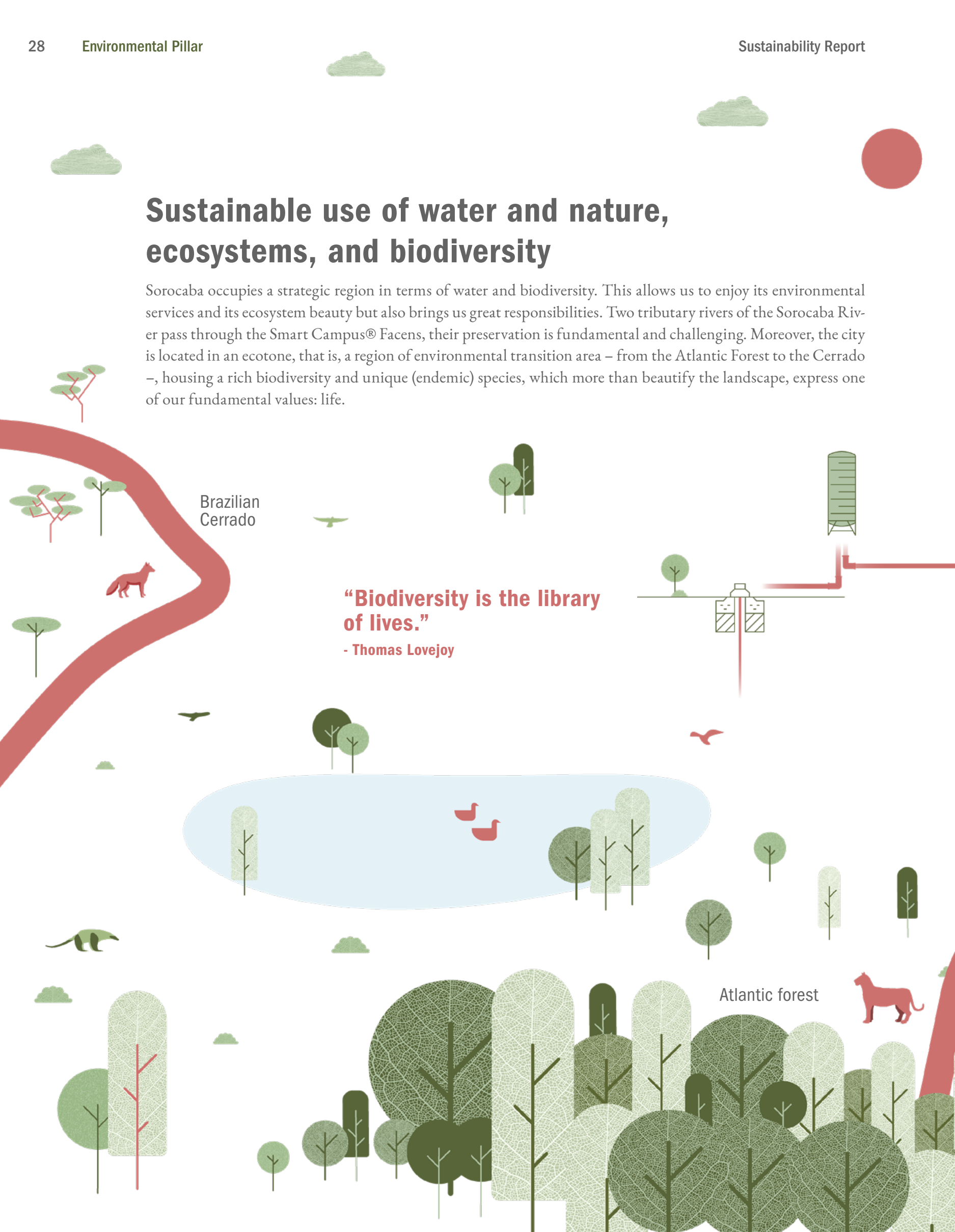
Sorocaba occupies a strategic region in terms of water and biodiversity. This allows us to enjoy its environmental services and its ecosystem beauty but also brings us great responsibilities. Two tributary rivers of the Sorocaba River pass through the Smart Campus® Facens, their preservation is fundamental and challenging. Moreover, the city is located in an ecotone, that is, a region of environmental transition area – from the Atlantic Forest to the Cerrado –, housing a rich biodiversity and unique (endemic) species, which more than beautify the landscape, express one of our fundamental values: life.

**“Biodiversity is the library of lives.”**

- Thomas Lovejoy

Brazilian Cerrado

Atlantic forest





## Water Monitoring grants:

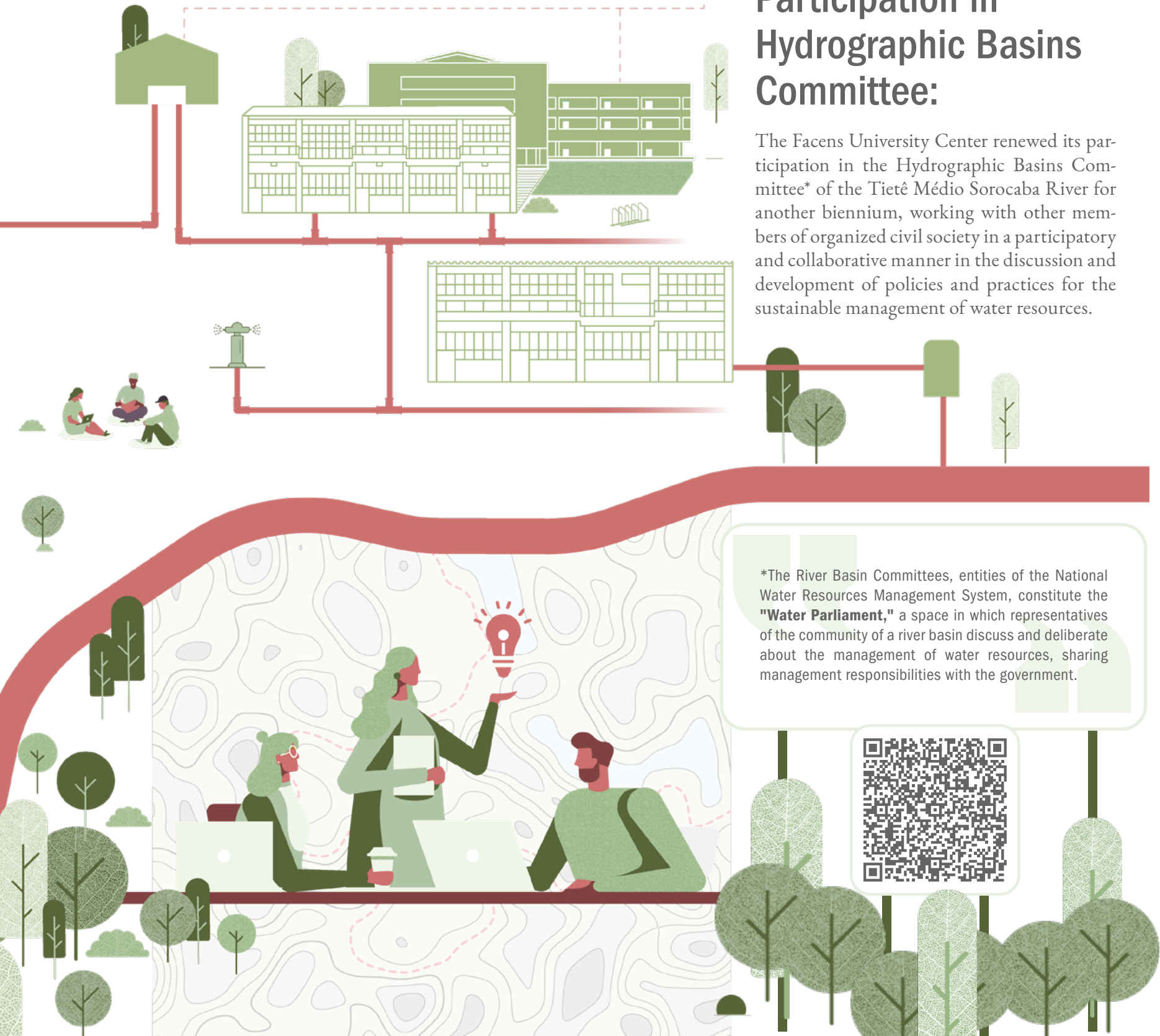
In 2022, we created the first **Smart Campus® Facens** alert system for organizing and viewing information from **IoT** devices and monitoring the volume of water extracted from the Facens campus water sources. Thus, we can continuously verify that water abstraction is by existing concession limits, strengthening our governance by creating consumption alert systems and preserving the water bodies that supply us.



## Participation in Hydrographic Basins Committee:

The Facens University Center renewed its participation in the Hydrographic Basins Committee\* of the Tietê Médio Sorocaba River for another biennium, working with other members of organized civil society in a participatory and collaborative manner in the discussion and development of policies and practices for the sustainable management of water resources.

\*The River Basin Committees, entities of the National Water Resources Management System, constitute the **"Water Parliament,"** a space in which representatives of the community of a river basin discuss and deliberate about the management of water resources, sharing management responsibilities with the government.



## SDGs:



# Economic Pillar



The economic pillar is essential to help create a strong and stable economy that ensures financial, social, and environmental benefits for current and future generations. It focuses on the efficient use of resources, setting up leadership with sustainable practices in all areas of the organization, creating job opportunities and local development. Moreover, it must always be linked to two other pillars for sustainability – social and environmental – because, together, they are essential to achieving a more balanced future for the entire population.

The Facens University Center is a non-profit association, which means that all profits are reinvested in the institution itself, allowing for an agile and constant evolution.

Our Economic Pillar is divided into four axes: Leadership, Student Admission and Retention, Employability and career opportunities, and Integration with the market. These themes include, mainly, SDGs 8, 12, and 16.

**“Sustainability is a long-term competitive advantage, and companies that don’t adopt sustainable practices will be left behind.”**

**- Mark Parker**  
(former CEO of Nike)





AXES OF ACTION:



LEADERSHIP



INTEGRATION WITH THE MARKET



STUDENT ADMISSION AND RETENTION



EMPLOYABILITY AND CAREER OPPORTUNITIES

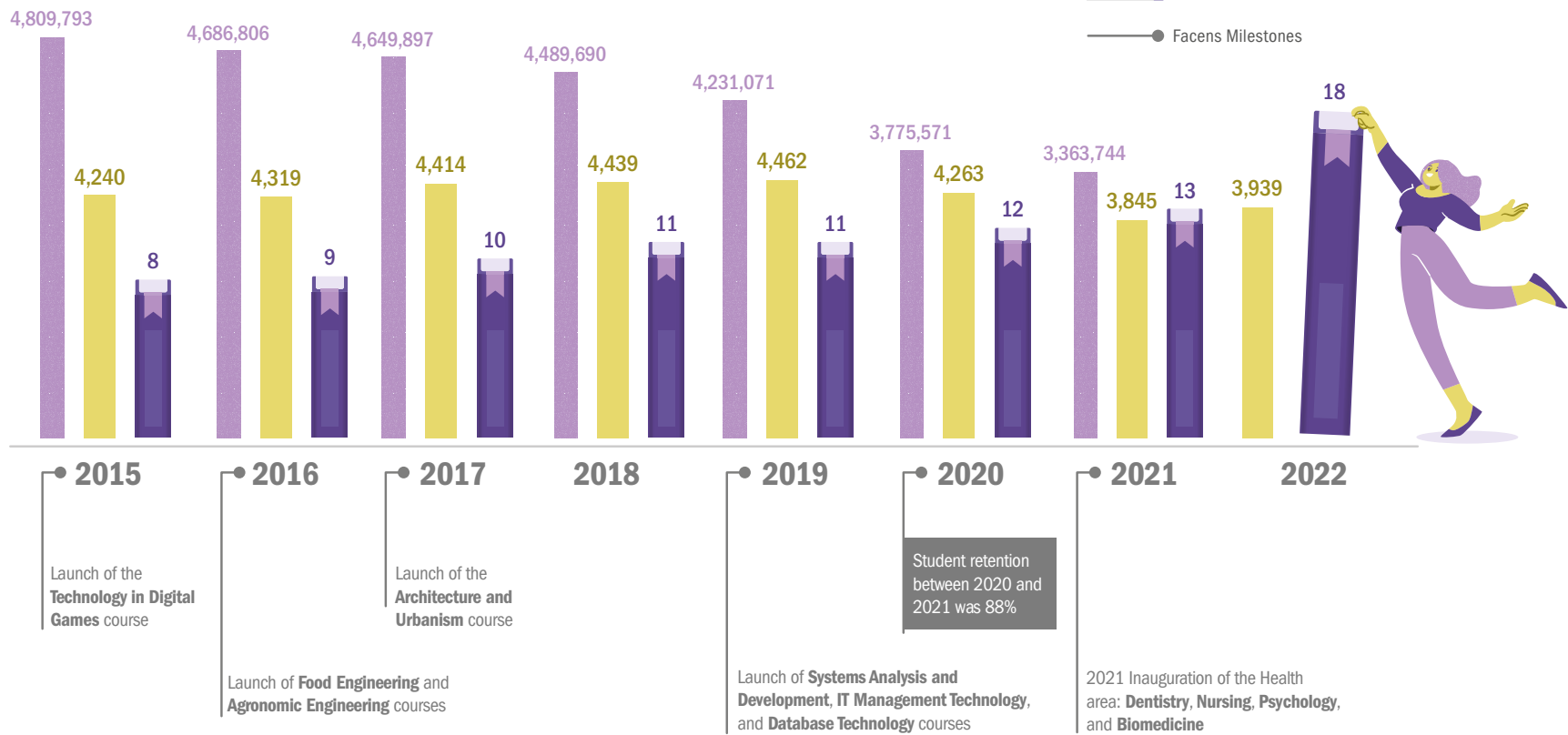
# Evolution of the number of undergraduate students at Facens in recent years\*

Evolution of the number of enrollments in the private network in the face-to-face modality\*\*

Facens Undergraduate Students

Courses

Facens Milestones



Student retention rate was **88%** between 2020 and 2021

\*Number of students related to the first semester  
\*\* MEC/Inep Data Census of Higher Education 2021

## Leadership

+ 80 hours of sustainability committee meetings;

+ 20 people were part of the sustainability committee.



## Students admission and retention

**6,238 participation of students** and egresses in activities on Employability and Careers in 2022;

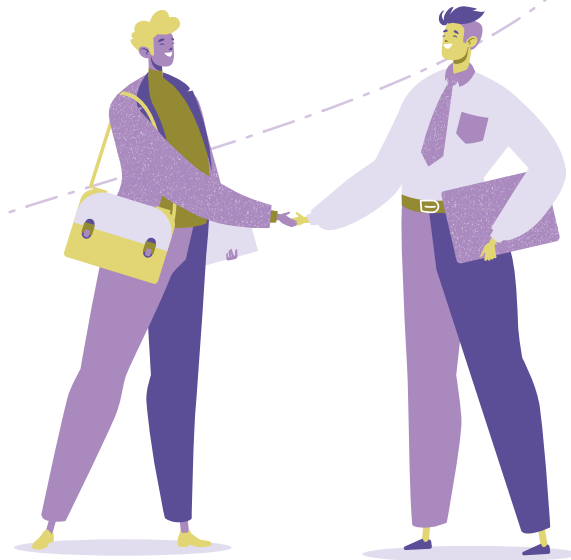
**28 events** related to employability and career;

**12,985 students and egresses registered** on the job vacancy platform of the FACENS Careers Office;

**2,304 companies registered** on the Career Platform;

**85% employability of our** students in the last year of course in 2022.

In previous years, we had: 84% in 2021; 80% in 2020; 79% in 2019, and 75% in 2018.



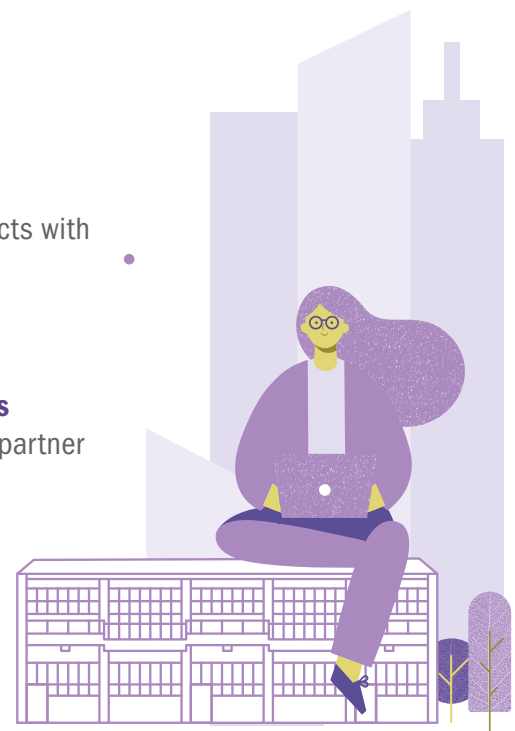
## IP Facens

**+ 650** partner companies;

**+ 500 students** in projects with partner companies;

**+ 26 million reais** invested in partnerships in 2022;

**+ 500 research projects** (between CIs, TCCs and partner research).



## Alumni

**773 total members** in 2022;

**+ 20 employment opportunities** generated from alumni to students;

**+ 25 meetings** of strategic Alumni committees;

**+ 4,100 views** of online activities.





# Leadership

Leadership enables us to implement policies, actions, and processes that ensure the sustainability of our organization and care for the needs of present and future generations. In addition, good leadership should involve multiple stakeholders, including faculty, staff, students, and the entire community, with a focus on transparency, accountability, and responsibility.

At the Facens University Center, we have the Sustainability Committee, composed of representatives from different areas, which meets fortnightly to plan, implement, and monitor initiatives based on the four pillars for sustainability, as well as to ensure the transversality of sustainability in our actions.





**“Sustainability is not just about adopting new technologies; it’s also about governance and social systems that promote sustainable behaviors.”**

**- Klaus Schwab**

(founder and executive chairman of the World Economic Forum)



Ana Carolina Camargo - **Academic**  
Eginaldo Paulino - **Smart Lab**  
Eliane da Rocha - **Library**  
Felipe Fengler - **Academic**  
Gustavo Isaia - **Academic Coordination**  
Karina Leonetti - **Academic and Alumni**  
Laura Alves - **People and Management**

Luciana Gomes - **PMO**  
Luciano Freire - **Academic Board**  
Mabel Oliveira - **LIS and Sustainability**  
Maurício Tolotto - **Sustainability**  
Paula Eckstein - **People and Management**  
Paula Migliavacca - **Marketing**  
Raquel Barbosa - **LIS**

Raquel Barros - **ENLACE**  
Regiane Romano - **Smart Lab**  
Rodolfo Pinelli - **ED+ Content Hub**  
Tamara Camargo - **LIS**  
Teco Barbero - **Marketing**  
Vitor Belota - **Sustainability**



# Students admission and retention

Facens, like all higher education institutions, faces the challenge of maintaining the number of students after the Covid-19 pandemic. To face this difficulty, we implemented innovative learning technologies, both in the face-to-face and online model, in addition to participating in high-impact extension activities in the lives of students and the community in our region. This is because if the pandemic created significant adversity, it also challenged us to innovate and improve our teaching and learning practices.



**“The pandemic has forced universities to rethink how they engage and retain students. Institutions should focus on creating a sense of community and belonging among their student body, whether they are learning on campus or remotely.”**

**- Dra. Sylvia Acevedo**  
(University of Southern California)

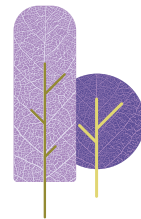
At Facens, we have many initiatives to improve the student experience and keep them engaged. We emphasize:

## Month Zero

The month before classes is intended for Facens freshmen and also for candidates who took the entrance exam in the current year and have not yet enrolled, with activities to review the main subjects that will be covered in their respective courses, in addition to many integration activities.

## Freshman Week

A special moment that is part of the welcome program is Freshmen Week, promoted so that everyone can prepare for the turn to university life, integrating with veterans and the Facens community in general. We offer lectures, dynamics, and opportunities for experiences around the campus. We also promoted the Solidarity Trot, focused on acting for the benefit of institutions and causes relevant to the city - a rich initial contact with the culture of generosity widely promoted in several actions of the Facens University Center.





## Internationalization and double degree

Facens has international partnerships with several educational institutions around the world, providing students with opportunities on and off campus and also offering exclusive exchanges with scholarships and double degree options, as well as internship opportunities abroad.



## Innovation Centers

Facens has Innovation Centers in areas such as Entrepreneurship, Social, Sustainability, Social-Emotional, Projects and Prototyping, Development of software, games and artificial intelligence, development of educational content, Smart Cities, Student Competitions, and others.



## Events

Throughout the year, many events are held that bring updates, experiences, contact with companies, projects, and exhibitions. We can cite as examples: Careers Plugin and Market, and Innovation and Competitions, freshman welcoming activities, lectures, seminars, conversations, and discussion tables, among others.



## Career Office

Offering internship and effective vacancies to Facens students and support from how to set up a curriculum to how to behave in an interview, with actions, and improvements aimed at the process of entering the labor market.

## Monitoring

Students with difficulty in the subjects can look for students who are monitors precisely to provide support for academic activities.



## Psychopedagogical support

Students have access to psychopedagogical support to support their studies, learning difficulties and dealing with issues that may compromise their good performance during classes.



## Employability and Career Opportunities

We are proud to report that Facens had, in 2022, an employability rate of 85% of our graduates. This achievement is significant, especially when considering the current conditions of youth employment in Brazil, since the unemployment rate for individuals between 18 and 24 years old was 28.8% in 2021. By providing quality education and opportunities for personal and career development, we are empowering our students with the skills they need to succeed in the workforce and contribute meaningfully to society. This axis is aligned with the commitment to sustainability, economic growth, and social well-being.



**“More than a quarter (28.8%) of young Brazilians aged 18 to 24 are unemployed and almost half (47.5%) of young people work informally, without a formal contract or guaranteed labor rights.”**

Data from January 2022 [Brazilian Institute of Geography and Statistics (IBGE) and the National Household Sample Survey (PNAD)]



## Careers Plugin

On September 14 and 16, 2022, Facens promoted the Plugin: Careers and Professions, an online event with specialists from the national market, which aimed to provide instruction for choosing and building a successful career.

The activities were free and open to the public. The event featured speakers, who are references in the market, and several Facens professors, and course coordinators.



**“The Careers Plugin seeks not only to assist in the professional direction of those who are already in the market but, mainly, to support those who are still defining what they want to work with in the future.”**

- Patrícia Cardoso  
(Career Office Coordinator)



## Careers Office

Created in 2020, its main purpose is to connect Facens University Center students and alumni with the corporate environment, boosting their personal and professional growth. Through the Careers platform, it is possible for students and graduates to identify opportunities for internships and/or effective vacancies, develop their skills and have access to mentoring for professional life.



## Alumni

Focusing on professional improvement and networking, the Alumni Facens project brings students and alumni closer together, creating a bridge to the market, with guidance and exchanges, setting up a collaborative network for sharing experiences and personal growth.

Throughout 2022, more than 25 meetings were held between project presentations and meetings of the strategic Alumni group, in addition to several other activities, such as the Alumni panel, in our Freshmen Week, in which 19 alumni shared their academic and professional trajectories, totaling more than 3,400 views of the panel.



To learn more about the Alumni project, visit:



## Integration with the market



Facens has always had in its DNA to develop students for the labor market, as we were born with the vision of integrating market and academia. We believe that our students should not only be able to meet the expectations of companies, but surprise them, offering innovative knowledge and entrepreneurial and sustainable attitudes.

In 2002, we created the Sorocabano Institute for Research and Advanced Studies (Ipeas), which later, in 2017, became IP Facens, our market arm, which performs research, material testing, development, and innovation services in games, applications, augmented virtual reality, Artificial Intelligence, Industry 4.0, among others.

Among the more than 650 partners are companies such as Huawei, Emerson, Flex, ABB, Claro, Ericsson, Balluff, JCB, CNH, Lanxess, Lenovo, Prysmian, ZF, and Splice Group.

**“The connection between universities and the market is essential to promote social inclusion and reduce economic inequality, as well as to promote innovation, sustainable development, and environmental conservation.”**

**- Edward Brasil**  
(Vice-Dean of UFRJ)

## Facens and SBT

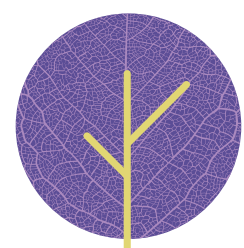
In 2022, SBT inaugurated a space within the Facens University Center, in order to further foster the broadcaster's innovation pillar. The main goal is to integrate professionals and content that address the exploration of new technologies, the development of apps, games, augmented realities, virtual realities, and products related to 5G.

Among the main projects is SBT Games – the broadcaster's games vertical –, which always offers the market the most current and connected to the new habits of consumers, generating opportunities for advertisers. In total, we have already had more than 16 million downloads of the games developed in this partnership.



**“This space allowed us to further accelerate the various initiatives and innovations that SBT has adopted in recent years. The strategic partnership with Facens helps SBT to explore the different opportunities that 5G will open up and all SBT stakeholders will gain from this.”**

**- Fernando Pensado**  
(Head of Innovation of the broadcaster)



# Global Compact

In 2022, Facens became the first higher education institution in the Sorocaba region to sign the UN Global Compact in Brazil, an initiative of the United Nations (UN) to mobilize organizations to adopt and promote, in their business practices, the ten universally accepted principles in the areas of human rights, labor, environment and anti-corruption.

Launched in 2000, the Global Compact guides and supports the global business community in advancing UN goals and values through responsible corporate practices. With the creation of the Sustainable Development Goals (SDGs), it became part of its mission to engage the private sector in its agenda. Thus, with more than 16,000 companies and almost 4,000 non-business organizations, distributed in 70 local networks (covering almost 170 countries), it is the largest corporate sustainability initiative in the world.

By joining the Global Compact, we commit to annually communicate our progress against its ten principles. Throughout the reading of this report, you can learn about Facens’ initiatives that fall under each of the principles.

## The Global Compact Principles



**Human Rights**



Support and respect the protection of internationally recognized human rights



Ensure non-participation in human rights violations



Support freedom of association and effective recognition of the right to negotiate





**Labor Rights**



Eliminate all forms of forced or compulsory labor




Effectively abolish child labor



Eliminate discrimination in employment



**Corruption**



Abolish child labor effectively



**Environment**



Supporting a preventive approach to environmental challenges



Develop initiatives to promote greater environmental responsibility



Encourage the development and dissemination of environmentally friendly technologies



## SDGs:



# Social Pillar

At Facens, we believe that the role of a university is to act as a great tool for social transformation of the individual, personally and professionally, as well as of all stakeholders involved. We have a responsibility to develop people and professionals who understand the global context and contribute positively to society and the environment. Our social pillar is divided into four axes of action: Scholarship policies and facilitated access to education; Health and well-being; Social actions and partnerships; and Gender, race, and diversity equity. These themes encompass SDGs 1, 2, 3, 5, and 10.

**“Education should not simply teach work-  
it should teach life.”**

– W. E. B. Du Bois







AXES OF ACTION:



SCHOLARSHIP POLICIES AND FACILITATED ACCESS TO EDUCATION



GENDER EQUITY, RACE, AND DIVERSITY



HEALTH AND WELL-BEING



SOCIAL ACTIONS AND PARTNERSHIPS

# Impact report

## Facens Donations

- 1.5t of food;
- 268 packs of disposable diapers, totaling R\$13,395.00
- More than 300 items of clothing, hygiene items, and toys;
- NGOs benefited: Lar São Vicente de Paulo; CUFA Sorocaba; Casa de Davi; and Lar Casa Bela.



## Empresas do Bem

- Total of R\$191,647.30 collected in the three campaigns;
- 227 baskets distributed to the São Vicente de Paulo Home.
- 5 NGOs benefited in 2022: Maple Tree; Lar São Vicente de Paulo; IBRASE; Sorocaba Food Bank; and Mano Down Institute.

## In 2022, Enlace achieved:

### In the first semester:

- 984 students;
- 12,358 activities performed on the Well-Being Trail.

### In the second semester:

- 961 students;
- 8,008 activities performed on the Well-Being Trail.



## Among the available scholarships, we have:

- Philanthropy
- Academic tutoring
- Scientific initiation
- Prouni
- Merit
- Technical tutoring
- Sibling/family scholarship

## In 2022, the following were invested in philanthropic scholarships:

- R\$12,070,371.08 for Prouni, including 556 students;
- R\$1,052,771.49 destined to Philanthropy, with 44 students contemplated.

In non-philanthropic scholarships, R\$8,341,363.00 were invested, distributed among different types of discounts, such as: Alumiini; Enem (10% to 50%); Funding; Retention; Partnerships; Postgraduate; Family; Exchange; Transfers; Merit; Course/ shift migration; Tutoring; Obtaining a new title, and Punctuality.



Gender, race, and diversity equity

According to data from the first edition of the Diversity and Inclusion Survey aimed at all 700 employees, in which we had 332 respondents:

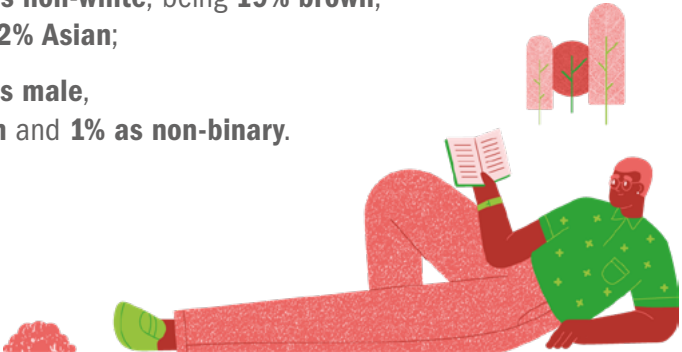
5% of employees are PWDs:

- Low vision;
- Crohn’s syndrome;
- Cerebral palsy;
- TEA;
- Decreased hearing;
- Visual impairment.

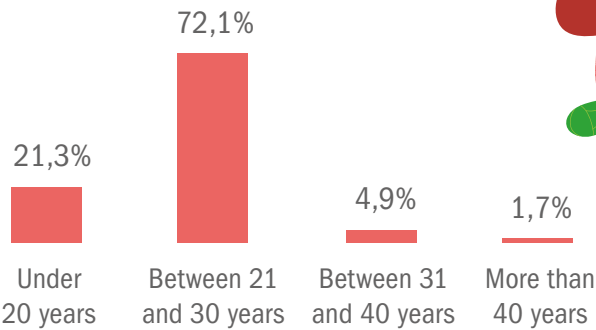


- 14% identify as **LGBTQIAP+**;
- 40% of employees in administrative and teaching positions **identify as women**;

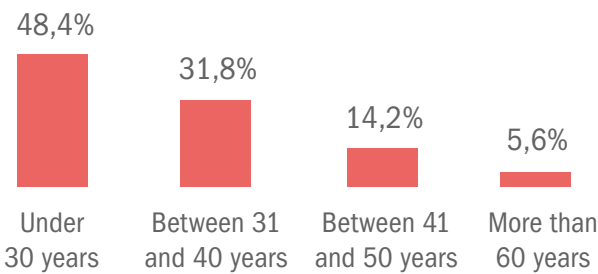
- 26% identify as **non-white**, being 19% **brown**, 5% **black** and 2% **Asian**;
- 57% identify as **male**, 42% as **women** and 1% as **non-binary**.



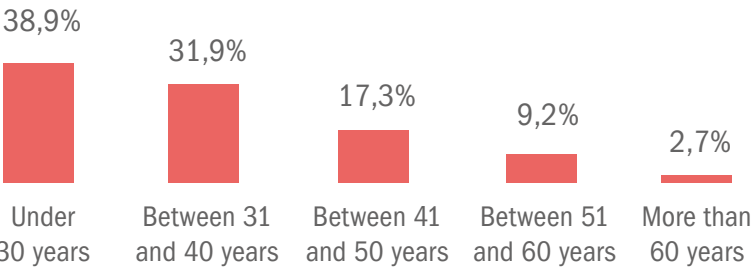
Age group of undergraduate students:



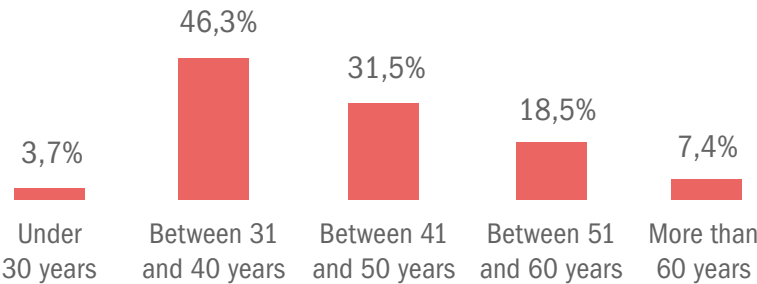
Age group of post-graduate students:



Faculty age group:



Age group of technical-administrative collaborators:



# Health and Well-being

The Facens University Center promotes several initiatives that encourage the culture of well-being and quality of life on campus, as well as the construction of an inviting environment for all employees, students, visitors and other members of the community.

**“Contact with nature increases brain plasticity, the brain’s ability to transform itself throughout life, and reduces stress levels.”**

– Andréa de Paiva

Professor of Neuroscience Applied to Environments and Creation (FAAP) and Neurobusiness (FGV-IDE)



**Meditation Space:** intended for reflective practices and physical and mental well-being.



**Dream Space and Inspiration Space:** helps remind everyone that dreaming is critical to our well-being.



**Comfort Space:** composes next to the Relax Space - Networks, an environment for people to relax and spend comfortable time in silence, reading a book, magazine, etc.







**Creative Space:** aimed at developing creative activities, artistic expressions, and being able to share them with others around us. Creativity is related to the search for solutions to the challenges presented to us. Therefore, stimulating the creative process through simple manifestations helps to flourish creativity in each one.



**Relax Space:** Rest is fundamental after long periods of focus. Alone or accompanied, this is a place to relax. The space is located in front of building C.



**Communication Space:** allows you to bring ideas and messages through writings and drawings on a large blackboard. It is an open space for expression of thoughts, talents, and exchanges.



**Relief Space:** intended for awareness of feelings such as anger and the opportunity to discharge them. Sometimes, nothing is more transformative than expressing your emotion by discharging the negative energies of everyday life.



**Contemplation Space:** where it is possible to enjoy the outdoors and contemplate nature, reorder ideas, and imagine.

In addition to caring for our physical environment, we carry out a series of activities promoting awareness of health care, and well-being in all its aspects.





Enlace is the Emotional Collaboration Laboratory of the Facens University Center, which aims to foster the development of social-emotional skills; promote quality of life; and support individuals in the Facens community in their discovery, and achievement of their purposes.

One of Enlace's projects is the Well-being and Flourishing Trail, which provides students with several opportunities for self-knowledge – a primordial tool for understanding internal and interpersonal challenges throughout their personal and professional trajectory. The recognition of students in relation to the proposed activities demonstrates the gains in the process of maturation and self-knowledge:

**Students from the 1st to the 6th semester.**

"I think this type of activity is very valid, because when we talk about our insecurities we even feel ashamed that we trust other people more than ourselves and this helps us to rethink, and realize that there is no reason to react like this with ourselves."

"Good activity, there was a paradigm shift in the activity in relation to the previous ones. To apply what has been discussed so far, it is important to have the ability to look at the world from another perspective, not just from the same perspective that we are used to using. This is important, not only to apply empathy and shared reality, but also to improve ourselves as people."



"Good activity, there has already been an activity on empathy, but this recapitulates what should still be repeated a lot for people, because it is often forgotten. Empathy helps us develop connection with people and makes us better people by recognizing the pain of the other, which would be another point of view."







### Awareness actions: Yellow September, Pink October, and Blue November

Throughout the year, the Facens University Center seeks to contemplate the main thematic campaigns in the health area, promoting opportunities to access discussions, and lectures on topics such as pregnancy and breastfeeding care; mental health care; suicide prevention; prevention and fight against breast cancer, prostate cancer, and skin cancer.

In 2022, an initiative that brought together teaching and students of the 1st and 2nd periods of Psychology encompassed discussions and activities in favor of caring for the mental health of the community. This extension project aimed to develop, with students, reflections, and health promotion actions. The focus was on the prevention of mental illness and its aggravations, such as suicide, considering the seriousness of this problem for public health and the Yellow September campaign as a movement to prevent suicide, and value life.

With the supervision of teacher Sandra Cristine Arca, the action took place at SmartMall Facens, at Shopping Cianê, where the students organized themselves into 2-hour shifts of “welcoming groups” that conducted the workshops of “Mindfulness”, “Gratitude Panel”, “Arts Workshop”, “Self-Esteem”, while the “messenger groups” walked through the mall delivering messages of appreciation of life and yellow ties to the public that circulated in the mall and to the employees of the stores.

## Scholarship policies and facilitated access to education

At the Facens University Center, we believe that access to education is one of the main ways to achieve social equity, so we offer several scholarship programs, both partial and full, for our undergraduate and graduate students. In addition to them, there are also full scholarships for employees and dependents and mobility scholarships, available in shares of the International Relations Office (DRI) together with foreign partner institutions of the Facens University Center.

Each scholarship offered has the potential to change the course of an entire family's life, so we are grateful and proud to have so many inspiring stories over the past few years. We have also chosen to provide some means of flexibility so that our student can complete their course through student funding such as FIES and Fundacred. In commercial negotiations or financial arrangements, the facility of installment payment on the credit card and/or bank slip is also offered.

**“Education does not transform the world. Education transforms people. People transform the world.”**

– Paulo Freire



In 2022, our student Lourranny Loiola, who was a full scholarship holder throughout her education, graduated in Production Engineering. Learn about this story:

“When I took the entrance exam for Production Engineering, I knew that I would have difficulties paying for the course. It was then that I discovered the scholarship program offered by the college and decided to apply.

I got a 50% scholarship for the first year. In the second year, I applied again and was awarded a 100% scholarship. I continued studying and taking the ENEM, until I was selected by PROUni in the third year.

During my graduation, I had the opportunity to participate in several projects and meet incredible companies, such as Companhia Brasileira de Alumínio, where I currently work with Innovation and Digital Transformation. The assurance that my studies were guaranteed allowed me to focus on making the most of every opportunity and getting the best out of the learning process.

Facens' philanthropy was fundamental so that I could fulfill my dream of studying and graduating in Production Engineering and build a promising future. I am immensely grateful for this opportunity and hope that more students can access this once-in-a-lifetime chance to change their lives.”

**Lourranny Loiola,**

(Production Engineer graduated from Facens University Center)



Access and learn more.





“I joined Facens in 2016 and fell in love with the place, that’s when I discovered the scholarship for employees and their dependents and became very interested.

I worked at the concierge, few in the concierge, maintenance and cleaning area are interested in scholarships for fear of not being able to complete the courses.

I took the entrance exam at the age of 38 and the support I always had, from the beginning, was the strength I needed, I was very shy, but I had the opportunity to participate in several events and projects within Facens.

Within the institution itself I was able to do my mandatory internship and seven months later I was transferred to the new sector, today I have been a Process Assistant for almost seven months, I graduated as a Production Engineer and I started to study postgraduate studies in Integrated Management Systems (Certification in Lead Auditor), also through the Facens employee scholarship.

I have two more children studying Engineering with scholarships, one started as an intern in the Huawei sector, today he is a Junior Analyst and graduates as a Civil Engineer later this year. The other studies Production Engineering and graduates by the end of the year.

Today, at the age of 44, I can say that my name is Michele, a postgraduate Production Engineer in SGI and I work in the area of Quality & Processes, I have two future engineers, one of them already working. And it all started with the scholarship opportunity that Facens provides to employees and their dependents.

I cannot describe the gratitude and pride I feel when talking about Facens, but I can say that Facens has changed my family’s life.”

**Michele Alessandra Borges Leite**

(Production Engineer and Process Assistant in the Quality & Process area of the Facens University Center)



“I took the entrance exam for Facens in 2018. I was excited to start the Computer Engineering course at one of the best private universities in the country. However, despite this enthusiasm, the concern about tuition was always a shadow that accompanied me. To reduce the tuition, I made the financing through Fundacred, which allowed me to pay only half of the amount while I was in college, and I would pay the rest as soon as I graduated.

During the first semester, I worked as a minor apprentice in a certain company. This work, however, was linked to the Administrative Assistant course I was taking at Senai and, consequently, as soon as I graduated from the course, I would also be dismissed from the company and, soon, I would no longer be able to continue paying the monthly fee.

And that’s when something miraculous happened. During my graduation from Senai, at the end of the first semester of college, I had the great pleasure of meeting Thais and his Antonio Beldi. Two people who were introduced to me through a professor of mine from Sesi Sorocaba, Érica!

Chat goes, chat comes, I commented that the first semester of college was great, but that I was worried about the next ones, because the money I had saved only allowed me to attend one more semester.

Such was my surprise when three days later the Facens secretary had called me to attend college. I had no idea what it was about. Arriving there, they announced that I had won a Facens scholarship. My eyes filled with tears. “At least I’ll have another semester guaranteed,” I thought to myself. He was already more than satisfied with that. But the surprise didn’t end there. Then they announced that the scholarship would be 100% until the end of my college. And that’s when I lost control of myself.

It’s been one, two, three semesters... And today, after finishing the tenth semester and finally achieving the degree, I say that I only achieved this victory through this scholarship that was granted to me. I definitely wouldn’t be where I am today if it wasn’t for that.

I just have to thank Facens for this opportunity, and I hope that such an opportunity will be granted to others who, like me, have the dream of completing a course at one of the best universities in the country!”

**Geazi Antunes da Cruz**

(Computer Engineer graduated from Facens University Center, visually impaired student)

# Social Actions and Partnerships

We seek to encourage generosity among our employees, strengthening the construction of a large network based on empathy, collaboration and proactivity in favor of causes that deserve our attention, such as the fight against hunger and the fight against cancer.

Another way to stimulate citizen awareness and engaged with the needs of the real world has our students as protagonists. Through access to a range of volunteer actions and programs, they represent the Facens University Center actively participating in improvements and inspiring changing scenarios in society.

Seeking to also reach stakeholders, we promote actions that stimulate debates, exchanges and inspirations on the ESG agenda, which we consider fundamental for advances in the market and in society.

**“If you want to go fast, go alone. If you want to go far, go with someone.”**  
- **Provérbio africano**

## Empresas do Bem

Empresas do Bem is a project created by the Alexandre and Heloisa Beldi Institute (IAHB), with the purpose of promoting generosity within companies in the Sorocaba region and the engagement of its employees from an online platform, which connects citizens to local social organizations that work in different socio-environmental causes.

At the Facens University Center, we are part of this movement and seek to encourage a culture of donation with our employees and community.

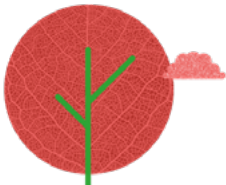
In 2022, some of our collaborators became ambassadors (volunteers) and influenced their colleagues and families to participate in this movement. In that year alone, the union of the Facens University Center with other partner companies in the Empresas do Bem program resulted in the collection of R\$191,647.30, of which R\$42,732.00 came from Facens collaborators.

These funds were allocated to three main campaigns:

| Together Against Cancer Campaign   | Together Against Hunger Campaign   | Your Income Tax Campaign transforms  |
|--|--|--|
| <ul style="list-style-type: none"><li>● Total raised: R\$80,777.70;</li><li>● Facens Collection: R\$21,704.00;</li><li>● Number of donations: approximately 350;</li><li>● Impact: resources 100% directed to the NGO Maple Tree, whose mission is to improve the quality of life of people who are fighting cancer, through the practice of physical activity and rehabilitation.</li></ul> | <ul style="list-style-type: none"><li>● Total raised: R\$85,377.60;</li><li>● Facens Collection: R\$16,228.00;</li><li>● Number of donations: + 200;</li><li>● Impact: 227 14kg baskets donated to Lar São Vicente de Paulo.</li></ul> | <ul style="list-style-type: none"><li>● Total raised: R\$25,492.00;</li><li>● Facens Collection: R\$ 4,800.00</li><li>● Number of donations: 3;</li><li>● Impact: 100% of the funds went to the IBRASE, Sorocaba Food Bank and Mano Down Institute NGOs.</li></ul> |



Learn more about campaigns



## Pescar Project

The Pescar Project connects knowledge and attitudes to transform lives. The Social Innovation Laboratory (LIS), in partnership with Emerson company, promotes opportunities for students at the Facens University Center to have the experience of sharing knowledge, teaching young people in situations of social vulnerability, from 16 to 19 years old, and participating in a process of transformation through education!

In the 2022 edition, eight students from the Facens University Center volunteered to teach classes on Occupational Health and Safety, Basic Informatics, and Applied Mathematics to 12 adolescents included in the project.



## ESG Event in Practice

The Facens University Center, with its Usina Cultural Facens space, promoted the event focusing on the expansion of socio-environmental awareness and the contextualization of the ESG concept, through practical examples of companies and organizations that implemented this concept in their strategy.

The event featured panels that brought together representatives of the civil society organizations Plant-for-the-Planet and Refúgio 343, representatives of Splice and Facens University Center, and representatives of the companies Flex and Symrise.

During the event, open to the entire community, the public had the opportunity to interact with questions and share experiences in order to increase Environmental, Social and Governance awareness.







## Gender, Race, and Diversity Equity

At Facens University Center, we believe in the importance of equal opportunities for all people – regardless of gender, color, ethnicity, age, sexual orientation, social origin, physical or mental capacity. One of our most important commitments is respect for human rights and non-discrimination, so we are at the beginning of a process of structuring our policy, establishing goals, and parameters in search of equity.

**“Diversity is not a quota to be achieved, but a mindset to be adopted.”**

**– Anonymous**





## Cinema session “Medida Provisória” and Structural Racism Debate

The senior leadership of Facens was present at the release session of the film “Medida Provisória” and participated in the debate on Structural Racism promoted by the film team, led by actor Lázaro Ramos.

The Facens University Center believes that inequality agendas should be part of the central strategy of any company that aims for a prosperous future and that leadership has a primary role in familiarizing itself with current issues, expanding horizons and minds to manage the institution in an increasingly sustainable, and fair way.



SDGs:



# Education Pillar

## for a sustainable future

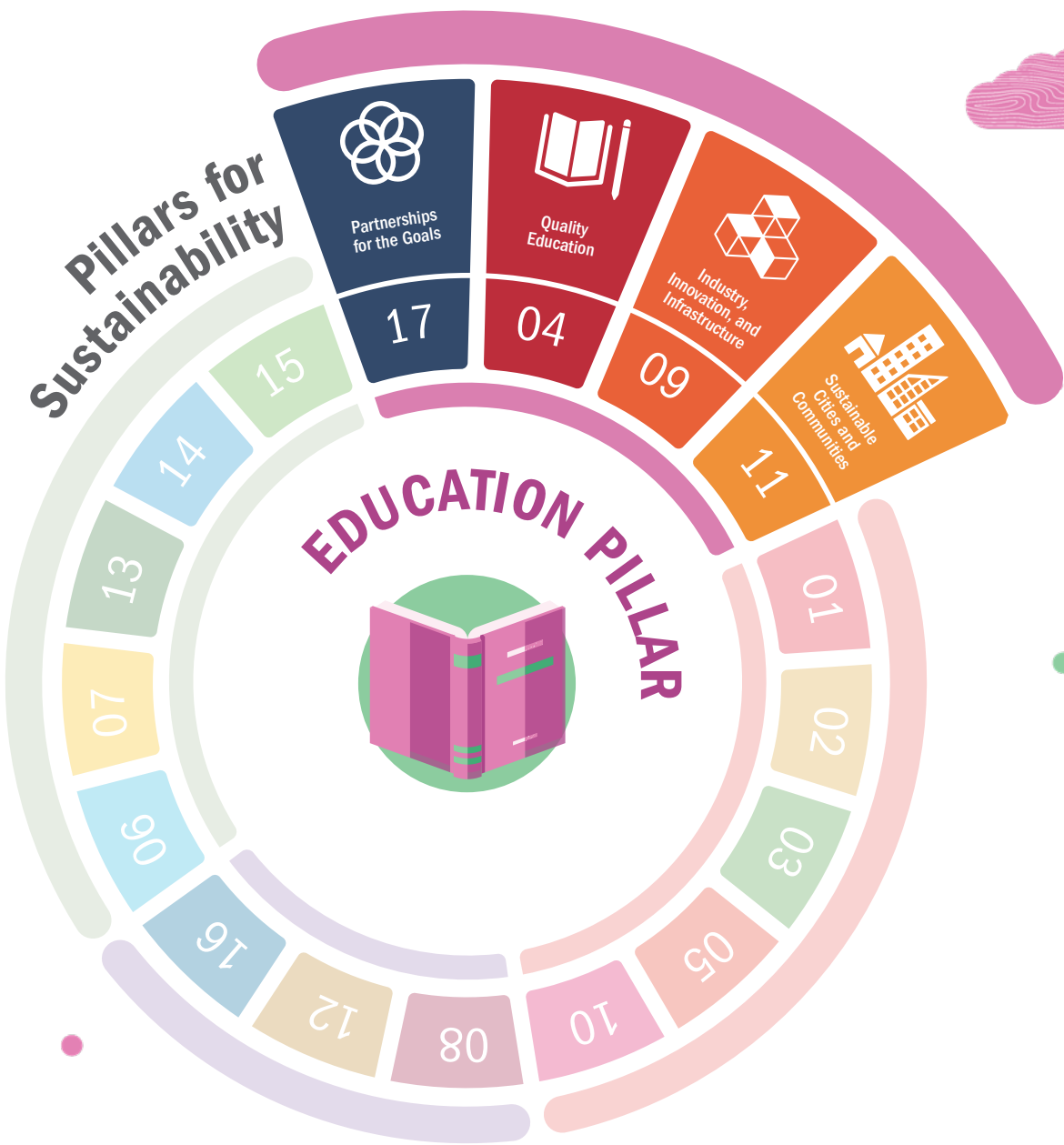
The Facens University Center is committed to educating for the promotion of a sustainable future. This is reflected in several initiatives and programs that the institution has implemented. We include sustainability education in our undergraduate and graduate courses, offering specific disciplines on the subject and encouraging the incorporation of sustainable principles in students' projects. Moreover, we partner with local and national organizations to promote sustainability, such as environmental awareness projects and volunteer programs, which allow our students to contribute implementations of real solutions to society. Everything corroborates our goal of developing highly qualified professionals, with knowledge and skills to work on impactful projects and solutions, who are conscious citizens, and contribute to the development of a cleaner and greener economy. These themes encompass Sustainable Development Goals 4, 9, 11, and 17.

**“Education saves and transforms lives, it is the foundation of all sustainability, which is why we must work together in all areas of development to make it a universal right.”**

**Irina Bokova**

(Director-General of UNESCO)





**AXES OF ACTION:**



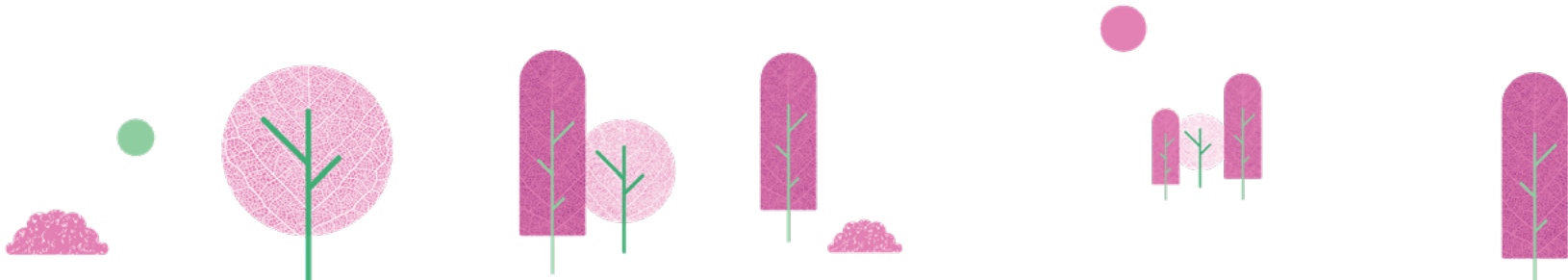
**QUALITY  
EDUCATION**



**SUSTAINABILITY  
RESEARCH**



**EXTENSION FOR  
SUSTAINABILITY**





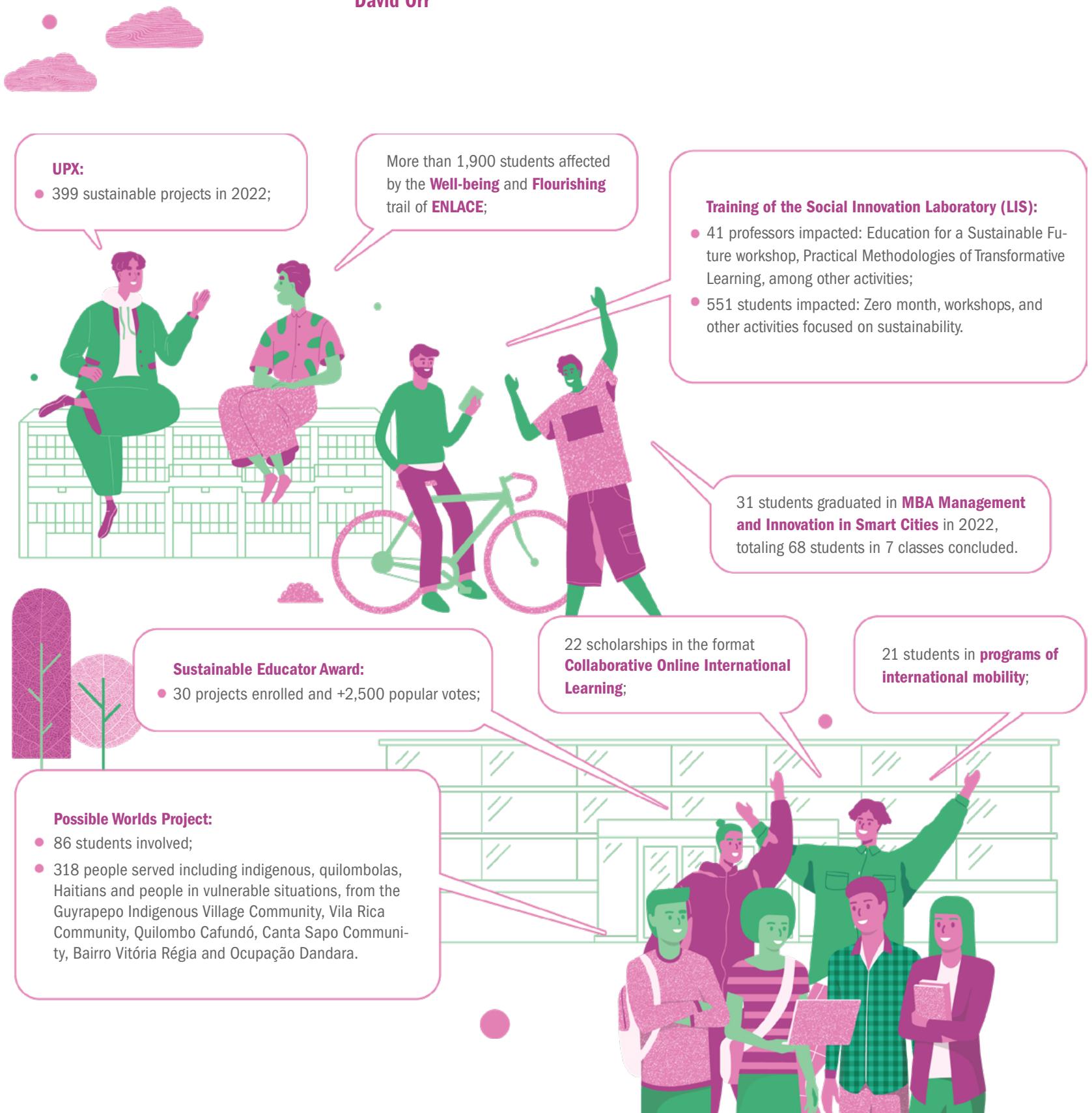
# Quality Education

The educational model of the Facens University Center places the student as a protagonist in the learning process, uniting theory, and practice from real challenges of the market, society, and planet.

Development is integral, encompassing technical and behavioral skills, which stimulates self-knowledge, proactivity, and entrepreneurship.

**“Without education for sustainability, we will not be able to build a more just and equitable society for all.”**

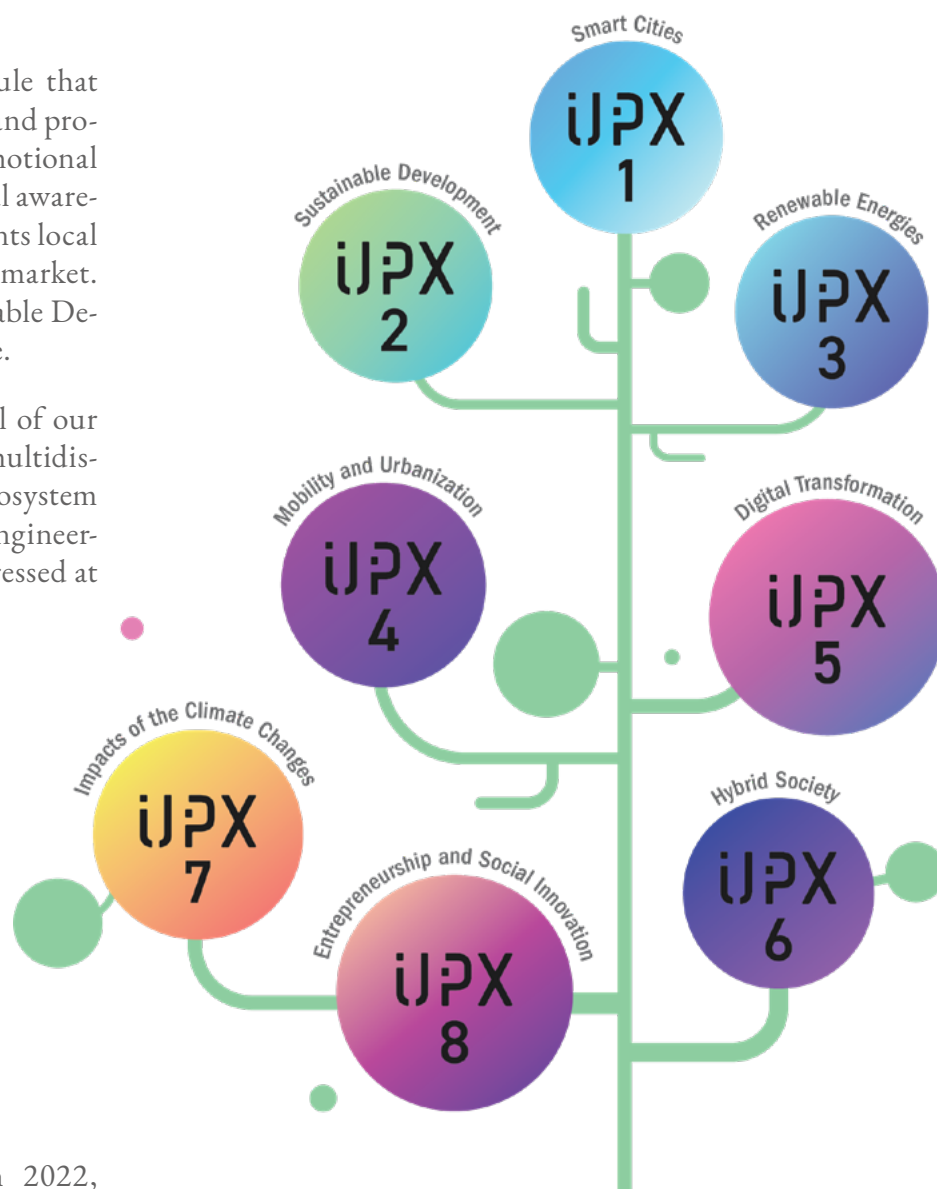
David Orr



## Usina de Projetos Experimentais (UPX)

The UPX (Experimental Projects Plant) is a module that makes up the curriculum of undergraduate courses and promotes the development of technical and socio-emotional skills, as well as the expansion of socio-environmental awareness and entrepreneurial attitude. Moreover, it presents local and global challenges and how they relate to the market. UPX's activities are always aligned with the Sustainable Development Goals and the Sustainable Projects Guide.

The goal of this curricular module, and differential of our teaching, is to develop in the student a systemic, multidisciplinary vision and integration with the entire ecosystem of Smart Campus® Facens. Each semester of the Engineering and Technology courses has a macro theme addressed at UPX, namely:

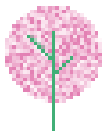
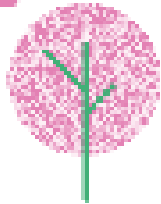


## Postgraduation

At Facens, we had 24 postgraduate courses in 2022, where all students were able to enjoy the structure and opportunities generated by Facens. Among them, we highlight the MBA in Management and Innovation in Smart Cities, which provides solid management training and knowledge about trends and innovations that can be applied to conglomerates and cities to make them more intelligent, humane, and sustainable. It addresses a holistic view of the principal national and international cases, as well as best practices in energy, health and quality of life, industry, education, urban mobility, transport, security and cybersecurity, information and communication technology, social innovation, environment, architecture and urbanism, and new business models.



# Mundos Possíveis





## Mundos Possíveis

The project “Mundos Possíveis – Where Looks Cross” was organized by Enlace with the students of the Social and Community Psychology subject, of the 2nd semester of the Psychology course, and aimed to bring knowledge and welcoming to different communities through individual, and collective actions.

Generally, individuals in these communities are unaware of their rights and duties compared to privileged groups in society. They end up being excluded and unable to access social spaces and formal jobs, resulting in an isolation that makes them invisible. Thus, future psychologists came on the scene to provide shelter and make visible a trajectory of possibilities that can be built with the resources that these people have.

The students interacted with people from different communities in a state of vulnerability and, during the actions, they were able to learn about other worldviews, get to know life stories and, through dynamics of exchanges with empathy, they were able to overcome stigmas and get rid of prejudices. This whole process was conducive to the discovery of potential that can contribute to the reduction of vulnerabilities.

In total, 86 students participated in the project, forming research groups, and community experience and, for three months, exercised social and community psychology, transforming themselves with their discoveries throughout this experience.

People from indigenous villages, quilombolas, homeless people, women victims of violence, and children were involved. The students promoted individual and collective actions that made it possible to discover talents in the territories visited, such as dancers, poetesses, painters, musicians, artisans, entrepreneurs, and builders, which awakened in the students the certainty that they are transforming agents.

The interventions contributed to comprehensive care, welcoming, strengthening bonds, and knowledge of rights, in addition to addressing mental illnesses, always with the views that make “possible worlds”.

### Testimonials from students participating in the project

“I’m Sarah, I do Psychology and the Mundos Possíveis was a project that helped me a lot, especially to look at the other and understand that the other adds much more to me. It helped me to understand that there are very different realities from mine and that they are only different and not wrong. The role I must have as a professional is to first understand what the demand of the other is, to have an active listening and perception, and not to want to impose a truth or an opinion.”

(Sarah Guedes, 3rd semester of Psychology)

“I am Maria Julia, the Mundos Possíveis was a transformative experience, I was able to get out of my bubble, look at the other, understand their situation and through that value my privileges and have more empathy. I made a lot of friends, learned new things, such as diversity within the fashion world, an area that I like a lot. Overall, it was important in several areas of my life and brought a lot of self-knowledge.”

(Maria Júlia Ricosti, 3rd semester of Psychology)

“I’m Isabelle. In the Mundos Possíveis I contacted the community of Canta Sapo, it was a unique and challenging experience. Dealing with people is always complex, we are very different, even within our groups, which requires a lot of active listening, conflict management, etc. However, it was very worth it, we broke prejudices, changed values, and views of the world. A strong learning that remained was to not only look at the vulnerability of low-income communities, but also their enormous potentialities.”

(Isabelle Ishi, 3rd semester of Psychology)

Learn more about the Mundos Possíveis and other ENLACE Initiatives



## Well-being and Flourishing Trail

The well-being and flourishing trail is an Enlace project. It is a self-instructional and mediated structure to guide students and professors towards their self-knowledge, through a subway trip.

But it's not just any subway!

In the Metrô Enlace (Enlace subway), we know three zones of the city of self-knowledge: the zone of the self with me; the zone of the self with the other; and the **zone of the self with the world**. In this experience, several skills are developed, such as those of the Sustainable Consciousness line. In it, the skills of connectivity and belonging, empathy and compassion, integrity, authenticity and commitment and critical thinking are worked on, all necessary for the construction of a more just and sustainable world.

Check out more about Enlace Subway here:







## Sustainable Educator Award

The Sustainable Educator Award is an initiative of the Sustainability Committee and the Social Innovation Laboratory (LIS), of the Facens University Center, whose main objective is to give recognition to professors who are involved in the process of training responsible citizens concerned with the Sustainable Development Goals.

It is a way to promote the 2030 Agenda, as well as to encourage sustainable practice among professors. The registered professors went through a stage of popular voting and also evaluation by experts. Thus, the participants competed in two modalities:



**Sustainable Educator Award:** contemplates initiatives that impact students on topics related to the 17 SDGs, which can be classes, dynamics, cases, and projects already applied in the classroom.



**Honorable mention:** category in which there are academic works in which the enrolled professor is directly involved as a supervisor, however, there is no need to be completed.

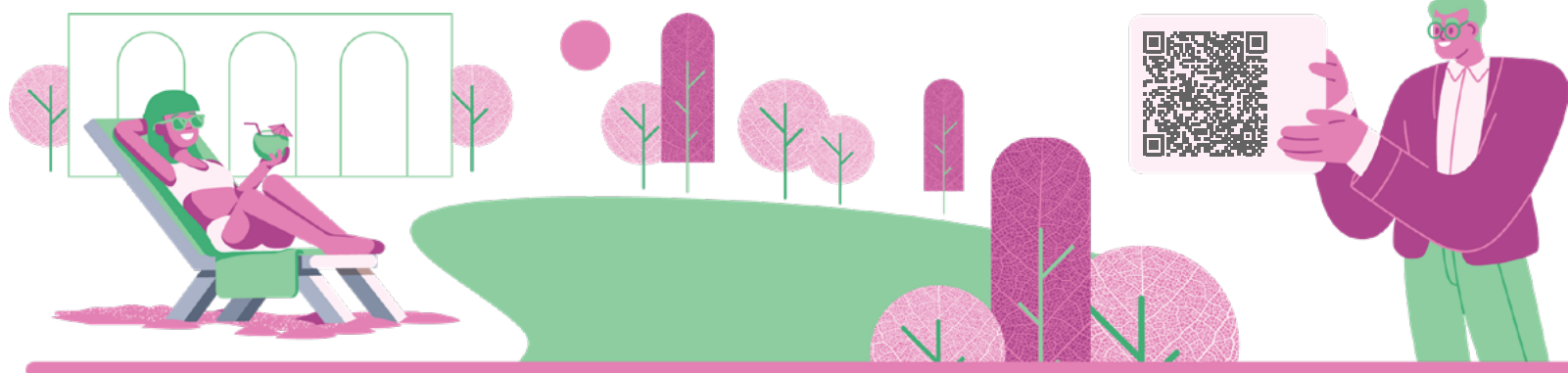


The 1st place in the Sustainable Educator category went to teacher Sandra Cristine Arca, with the project "Sustainability and mental health: a possible path to suicide prevention."

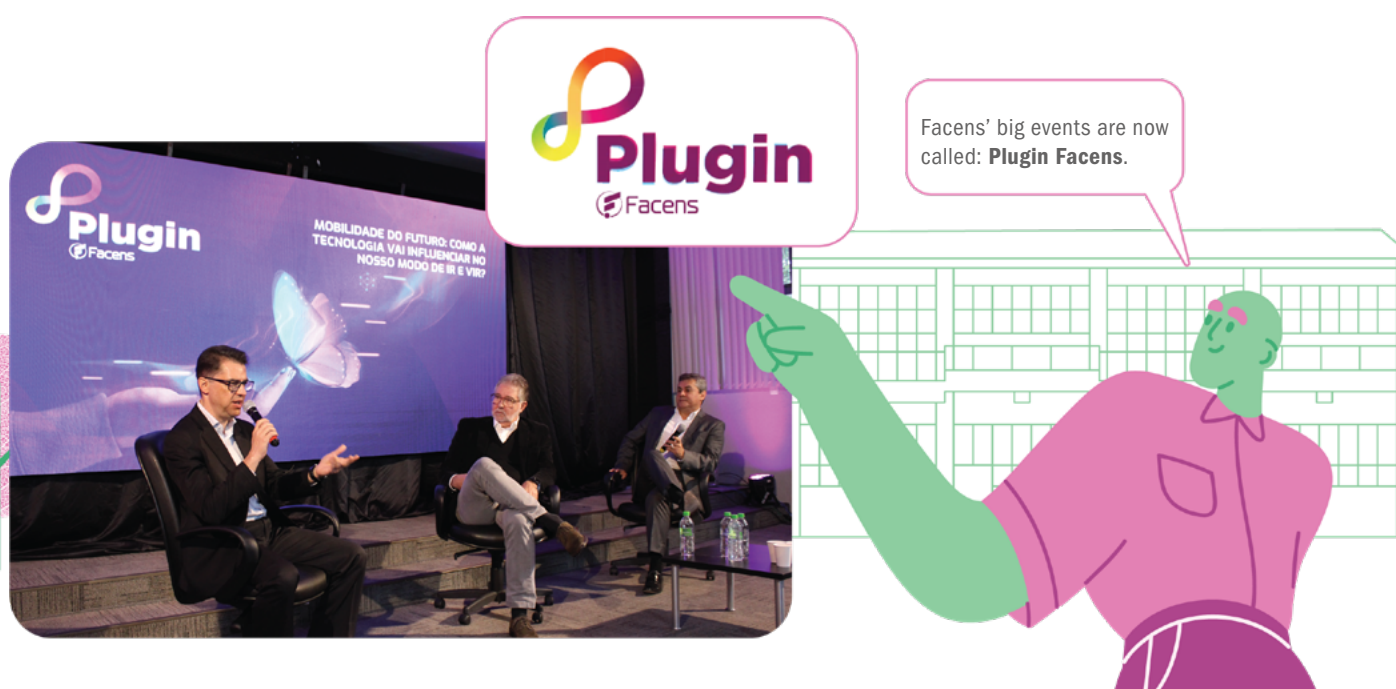
And the 1st place in the Honorable Mention category went to Professor Denis Borg, with the project "Agricultural Robot."

Besides the recognition at the Congregation Meeting, which brought together the Facens University Center faculty, the winners of each category received as an award a well-deserved weekend of rest in an ecological hotel.

More information about the Sustainable Educator Award and the winning projects can be found here:



## Sustainability in Events



### Plugin Facens

In 2022, Facens' major events were divided into four moments throughout the year, focusing on continuous learning: Plugin Innovation; Plugin Competitions; Plugin Careers; and two Plugin Projects that had, in all, more than 7,500 participants.

The Plugin aims to update students, alumni, professionals, and the community at large on the latest innovations and technologies in the areas of Engineering, Architecture, Technology, and Health.

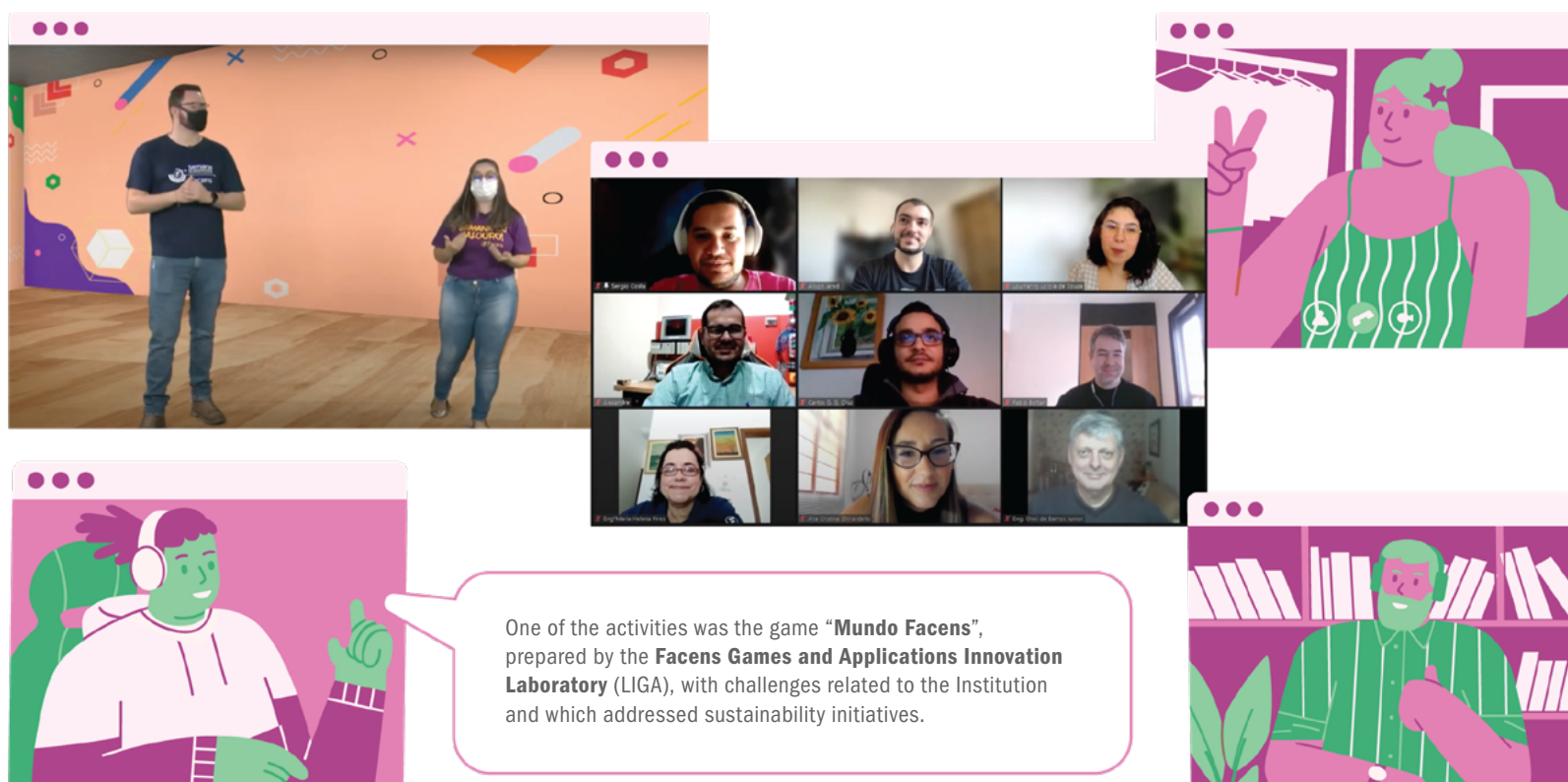
The events sought to promote forums for debates on the main trends in these sectors, through panels, challenges, exhibitions, workshops, dynamics and more, addressing sustainability at various times! Some of the panels were: Sustainable constructions and innovation; The challenges of inclusion and diversity in technology companies; and Evolution and trends in Brazilian agribusiness.

We also had the "women techmakers" Challenge that sought to answer the question: how can we engage and retain women in engineering?

Altogether, there were more than 15 competitions in which participants had the opportunity to practice and demonstrate their technical and socio-emotional skills.

## Freshman Week

Created six years ago, Freshman Week has been providing new students of Engineering, Architecture and Urbanism, Technology, and Health courses with an important moment of integration with the entire Facens community. About 600 students participated in an intense dynamic in which they were able to reflect on their professional and personal goals. In 2022, due to social isolation at the beginning of the year, the activities were carried out remotely. In the various activities, the pillars were worked on: Innovation, Entrepreneurship, Sustainability, and Internationalization. Moreover, several concepts about the Sustainable Development Goals (SDGs), and the Metaverse were addressed. This process was also complemented by socio-environmental reflections covering the “me with me, the “me with the other” and the “me with the world”.



Check out the full schedule of one of the events at:







## Comitê de Sustentabilidade Estudantil

#Sustentabilidade  
#Facens

In 2022, the student committee had five members from different courses and ages, ensuring plural views on the subject, and possibilities of actions to be implemented.



Follow the actions of the Student Committee



The student sustainability committee is an organization created in 2021 and is formed by students from the Facens University Center and aims to develop projects related to the Sustainable Development Goals (SDGs) of the UN (United Nations). It is a space for learning and protagonism for its members.

The development of specific projects and activities are guided by members of the Facens University Center's Sustainability Committee and aim to encourage students to learn more about sustainable actions and practice them on a daily basis.



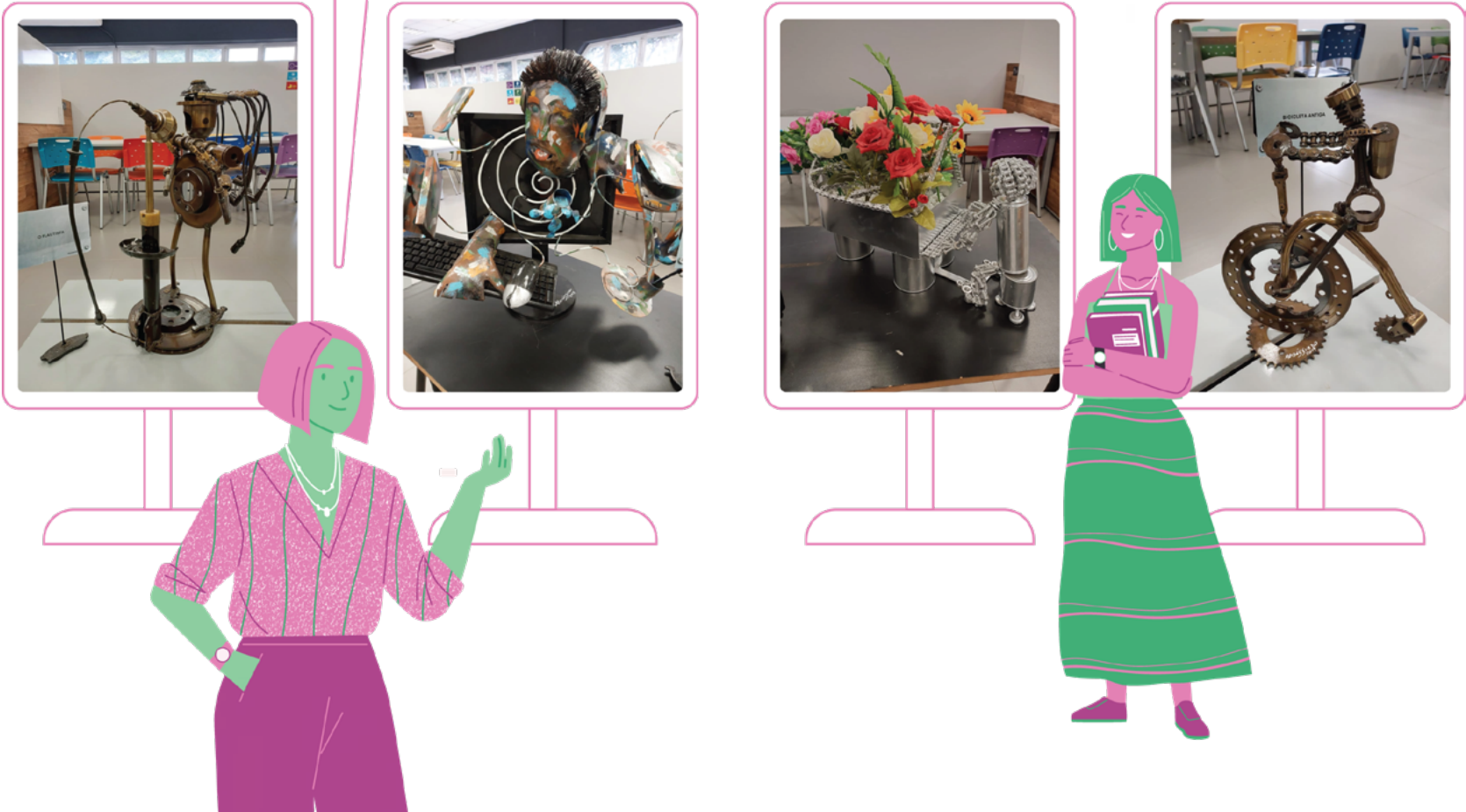
Library

The Facens library features modern and comfortable facilities, providing its users with an environment conducive to studies, research and creation. In the collection space, a variety of accessibility features are also available, including platforms, touch keyboards, voice scanners, screen readers, braille printers, touch floors, tablets, and service counters designed to accommodate wheelchair users or people of reduced stature.

In addition to its pleasant and welcoming environment, the library holds several exhibitions throughout the year that provide encounters with art. These exhibitions not only offer an enriching experience, but also encourage the development of empathy and reflection on the themes presented, stimulating a new perspective through the sensitization of the look.



The exhibition of works of art made in iron, by the artist Moisés Surdo (artistic name of Moisés Camargo), in addition to impressing, thrilled many. The works propose the artistic approach not only as a language or an artistic movement, seeking to bring ideas, thoughts and reflections to the public. The goal is that everyone feels art far beyond what they are used to experiencing, and thus that they can participate with the look, with the touch, with the thought, in a kinesthetic way. In the artist's exhibitions, the visually impaired can feel the works and many hearing impaired express with their eyes the understanding of shapes and colors and the joy of meeting a deaf artist.





The exhibition Nature and the beauty of wildlife brought wood sculptures and drawings and watercolor paintings. It also allowed the dissemination of local artists Débora M. Rabello and Paulo Henrique R. Nascimento.



The Diversity exhibition brought abstract paintings by the artist Edson Soares, of impressionist style, made with acrylic paint, spatula and brush. The theme "Diversity" is due to the works chosen by the artist to compose the exhibition, ranging from urban scenes and abstract forms to Egypt.





## Internationalization

### DRI

Created in 2015, the International Relations Office (DRI) works on the internationalization of Facens, with social responsibility and development of programs, projects and partnerships with institutions, and networks around the world:



**DRI | Facens**  
Departamento de Relações Internacionais

**Global Study:** program that allows Facens students to carry out a period of 1 to 2 semesters of study in an international partner institution, with equivalence of disciplines, exemption from tuition fees in both institutions and a bureaucratic process of facilitated entry.

**COIL** (Collaborative Online International Learning): program that promotes virtual mobility experience, that is, provides remote dynamics with partner international institutions. A COIL can be used to develop distance design between two or more institutions; intercultural competencies; digital skills and knowledge exchange and learning.

**Short-Term Experiences:** short-term programs, usually one to four weeks, during academic recess at partner international institutions.

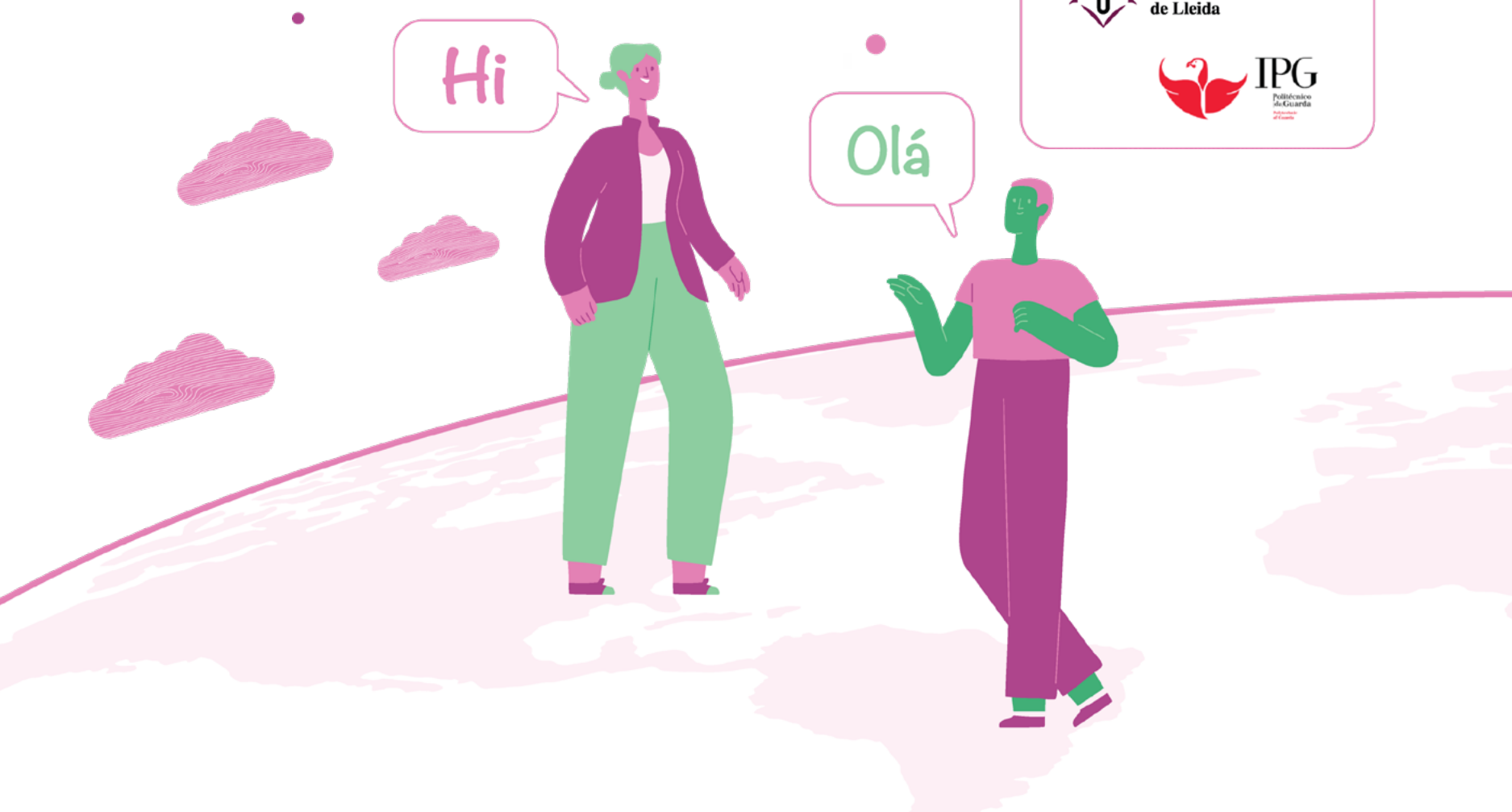
**Professional Experience:** program that allows Facens students to carry out a paid internship period abroad.

**Double degree:** program that allows students in the area of Engineering to attend a period at the Universitat de Lleida (Spain) or at the Polytechnic of Guarda (Portugal), with validation of credits in both institutions, and obtain the diploma from Facens and the international institution.



Hi

Olá



## Facens Language Institute

Seeking to provide means for our students to explore all opportunities for internationalization, we have the Language Institute that, in partnership with CCBEU (Centro Cultural Brasil Estados Unidos) and the Confucius Institute for Business, FAAP, offers courses in the following languages (in person and online): English, Spanish, German, Japanese, Italian, Mandarin, and Portuguese for foreigners. In addition, we are an official TOEFL iBT exam center.

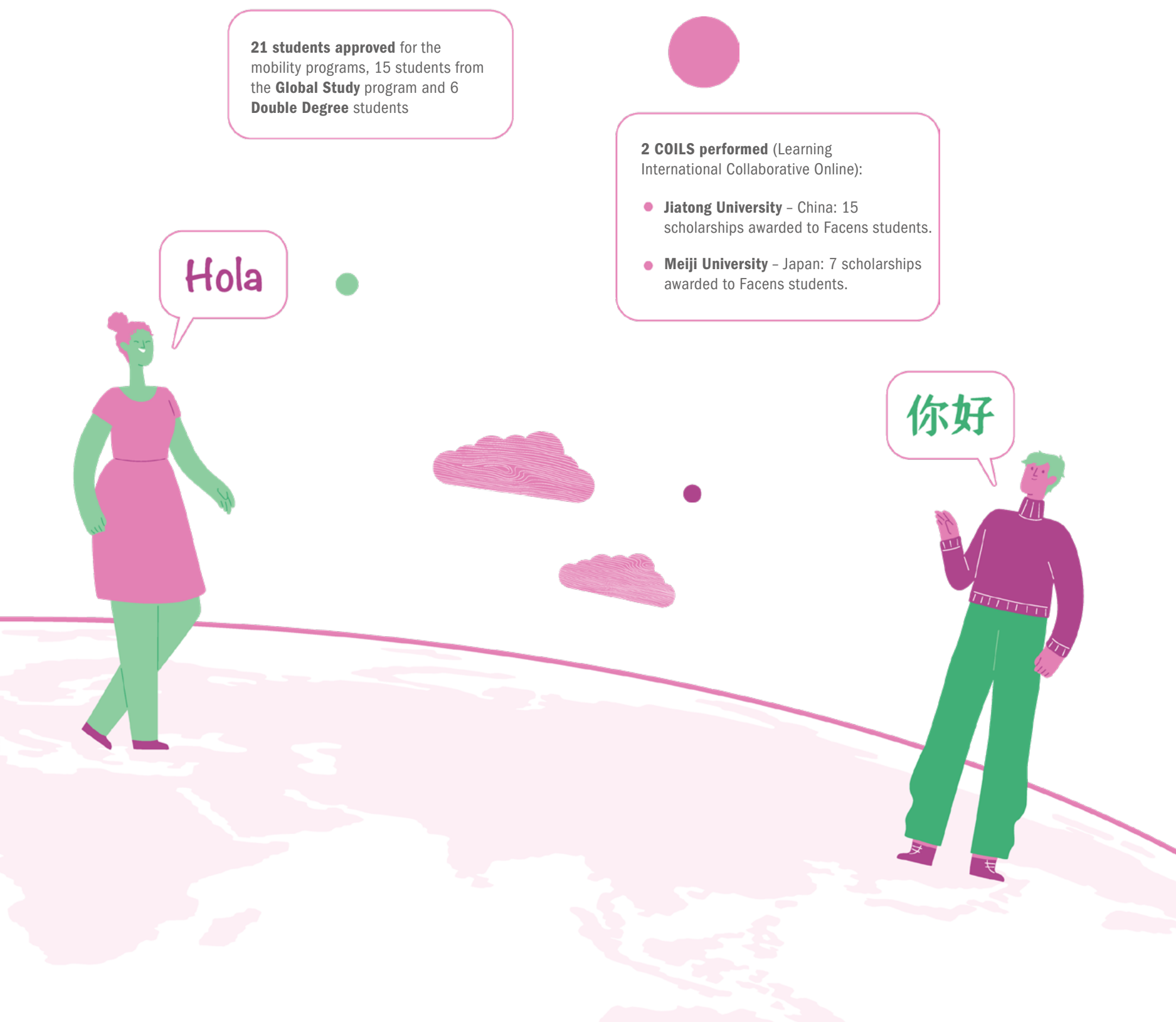
**21 students approved** for the mobility programs, 15 students from the **Global Study** program and 6 **Double Degree** students

**2 COILS performed** (Learning International Collaborative Online):

- **Jiatong University** – China: 15 scholarships awarded to Facens students.
- **Meiji University** – Japan: 7 scholarships awarded to Facens students.

Hola

你好



### Innovation and Smart Cities Immersion Program offered by Smart Lab, in partnership with IES in Peru

Another internationalization action was the Innovation and Smart Cities course that trained 10 Peruvian professors from the Universidad Nacional de Educación Enrique Guzmán y Valle (UNE EGYV), Facens' partner institution in Peru.

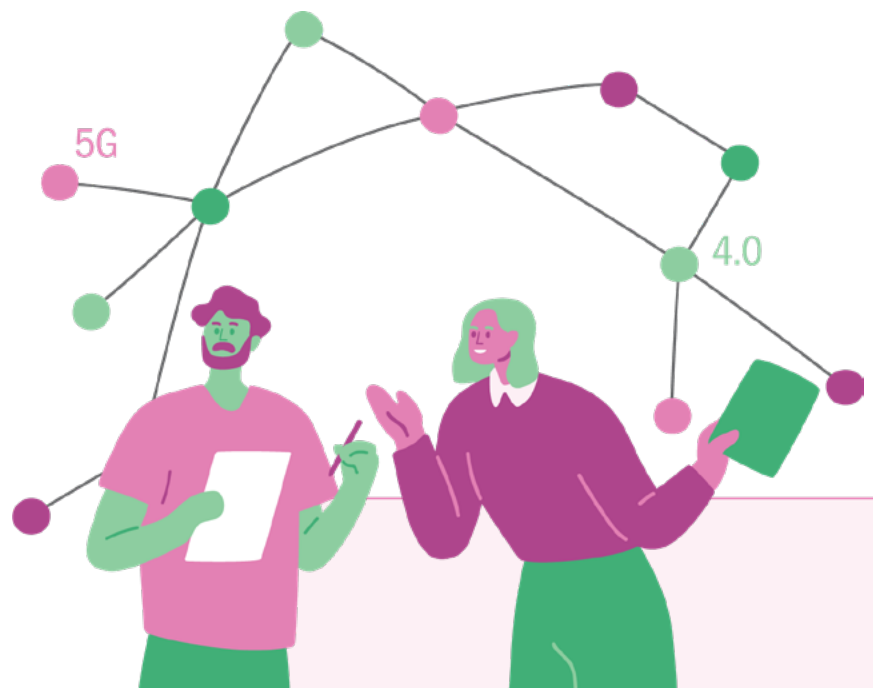


Check out details of the program:



### International Scientific Meeting

In 2022, the second edition of the Facens International Scientific Meeting took place. The event was totally free and held 100% in the virtual modality, having addressed general information about the research practice, the writing of scientific articles, the search for relevant and reliable information in the different existing databases, as well as the guidelines and good practices for the use of national and foreign databases and indexes. Themes of ongoing research at Facens were also presented in prominent areas in the contemporary scenario, such as 5G technology; Industry 4.0; artificial intelligence; software-defined networks; nanocapsules; among others.





### **Class of the international module of the MBA Management and Innovation in Smart Cities course**

The MBA Management and Innovation in Smart Cities formed two classes in 2022, totaling seven classes since its creation. Also in 2022, the course provided, for the second time to students, the International Module. This time, 26 students had their international training at the Faculty of Lleida, in addition to participating in the Smart City Expo Barcelona 2022.



## Sustainability Research

In order for us to develop solutions to environmental, social, and economic challenges, research and research on issues such as the efficient use of natural resources; waste management; climate change mitigation; among others, are essential. Our sustainability research activities provide an environment for theoretical and practical learning, generating knowledge, and innovative solutions, aiming to strengthen society's capacity to achieve a more sustainable future.

**“The sustainability revolution will be organic. It will emerge from the visions, perceptions, experiments, and actions of billions of people. The burden of making this happen is not on any one person or group. No one will get the credit, but everyone can contribute.”**

**Donella Meadows**



At Facens, the projects carried out in the most different disciplines, such as scientific initiation and course completion work, are aligned with the UN Sustainable Development Goals. Some of these are the following:

## Projects:

Application of corn stover as bioadsorbent of dyes and heavy metals in water

Sustainable modeling with coconut fiber - applications for glass fiber replacement: Recycled PP + Coconut fiber

Cassava starch composite with coconut fiber and banana fiber for use in packaging for the vegetable sector

Development of a starch-based bioplastic reinforced with banana fiber

Cassava Starch Cup - Disposable Biodegradable Cup

Access here the research related to sustainability:



## End-of-course written papers:

Optimization of the production process of the bioplastic obtained from potato starch

Performance analysis of moringa oleifera and tannins as natural coagulants in the treatment of industrial effluents

Treatment of glyphosate-contaminated tributaries by biosorption technique using sugarcane bagasse

Green synthesis and characterization of silver nanoparticles from the aqueous extract of beet (beta vulgaris)

Extraction of glycolic acid from banana peel and production of PGA

Studies on obtaining third-generation fuels

Treatment of food industry effluents by phytoremediation

Comparative study between organic coagulants and aluminum polychloride in the treatment of water for supply



## Scientific initiation projects:



## Mention of the SDGs in scientific initiation, course completion and discipline projects:



## Extension for Sustainability

University extension and sustainability are interrelated concepts, which aim to bring the academic community closer to the social and environmental challenges of society. Thus, with its extension programs, the Facens University Center contributes to the promotion of sustainability, sharing its knowledge and resources to solve relevant issues in areas such as the environment; economic development; health; among others. Our students and teachers have the opportunity to apply their knowledge in practical projects, contributing both to the development of future professionals committed to sustainability and to the sustainable development of our community.

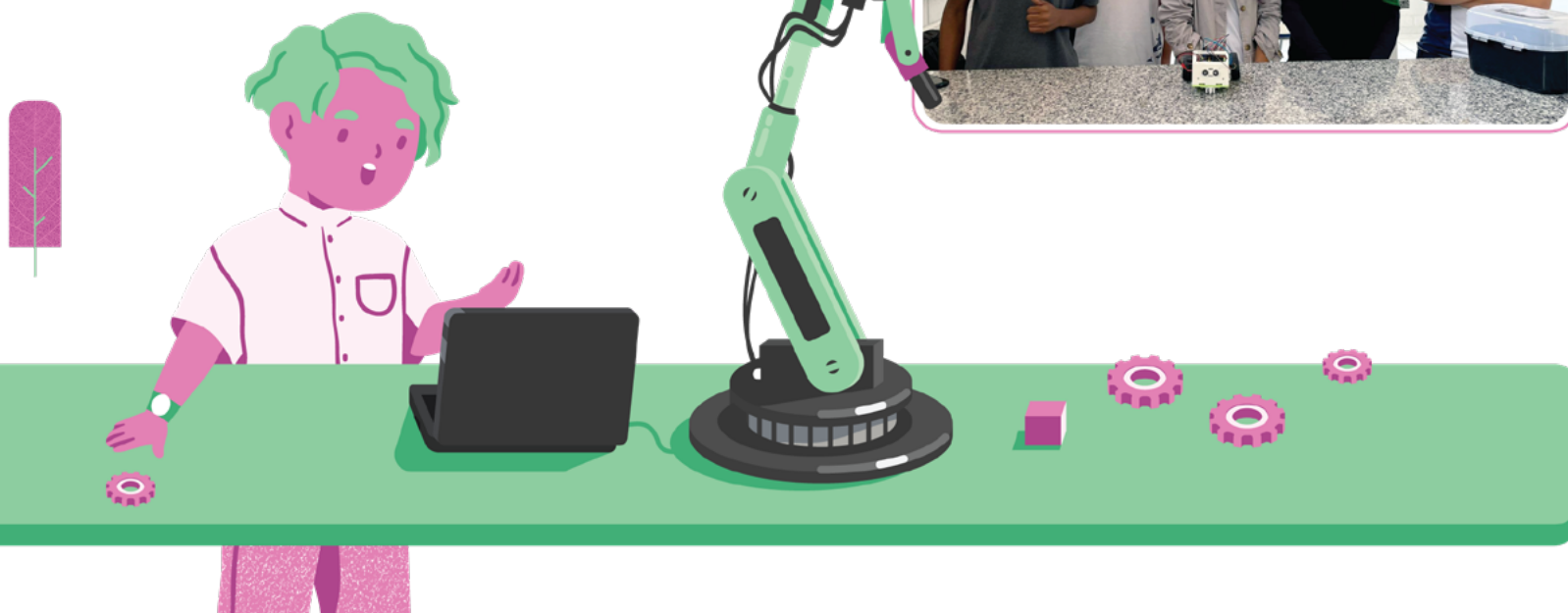
**“Very few people on Earth ever say: ‘I’m doing right now, the most important thing I could be doing.’ If you join this fight, that’s what you’ll say.”**

**Bill McKibben**

### Robotics Academy

The robotics academy is a project formed by students from the Facens University Center, which brings the teaching of robotics to young people in a state of vulnerability in public schools.

This activity goes beyond programming, it also makes students find challenges and propose solutions for them, developing teamwork, strategic thinking, protagonism, dialogue, decision making, creativity and many other technical, and behavioral skills. In 2022, 7 public schools in the State network were served and 128 students were impacted with the Robotics course.





## Smart Mall Facens

Smart Mall Facens was born with the purpose of transforming society through education, bringing knowledge to the entire community. Inaugurated in 2018, it is the first space in Brazil, inside a shopping mall, intended for the exchange of knowledge, technological education and free coworking. It is a space to learn, study, work, interact, rest and participate in various workshops and activities. It also has a mini-Fab Lab equipped with laser cutter, vinyl cutter and 3D printer. It is located at Shopping Pátio Cianê, in Sorocaba.

In 2022, Smart Mall achieved:

+500 Mini-Fab Lab users;

+10,000 visitors;

+4,500 participation in events.

Learn more about Smart Mall at:





## Céu Azul Vegetable Garden

Based on a demand from the NGO Oficina Céu Azul, Agronomic Engineering students applied their technical knowledge in the revitalization of a construction site, for the creation of a vegetable garden and training for its care.

The project took place in the Olericulture curricular component and was carried out with children in vulnerable situations, attended by the NGO. In this way, students had the opportunity to put their knowledge into practice and exercise their empathy and solidarity skills.

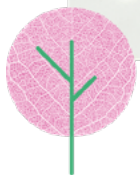
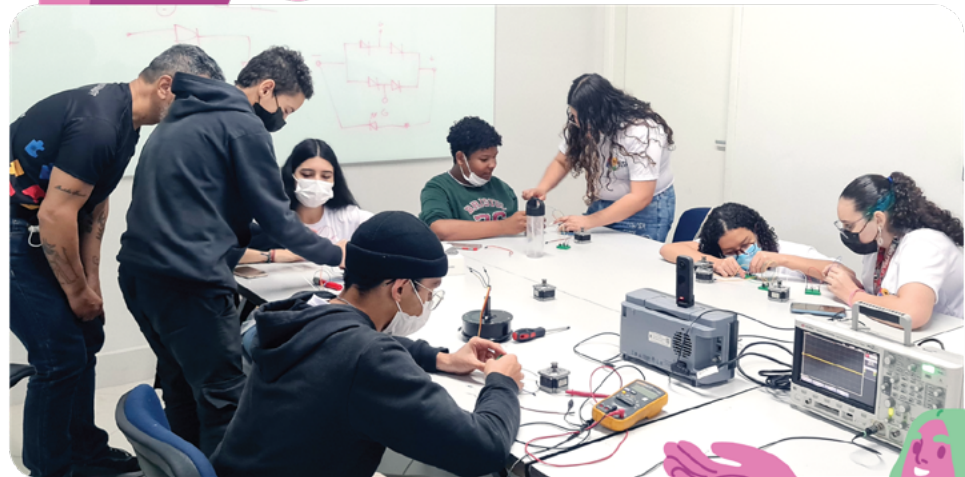




## EcoGinc

EcoGinc allowed the 26 volunteer students of the Facens University Center a true learning journey about Sustainability that infected more than 135 students from 19 and 39 years of High School at the João Clímaco de Camargo Pires State School, in Sorocaba. The project promoted nine meetings between the volunteers and the students of the school, and during this period, they had a scavenger hunt, which offered not only a moment of relaxation and teamwork but also left a legacy at the school, so that the institution, the students and the volunteers came out of this experience transformed.





## Eco Team for a Better World Project

Eco Team for a Better World is a social project that aims to build bridges to a better future in the lives of children and adolescents, working with sustainability, technology and entrepreneurship. It is supervised by the entities CCBEU (Centro Cultural Brasil e Estados Unidos), United States Diplomatic Mission in Brazil and sponsored by the United States Department. In 2022, Facens was a partner in the project, giving lectures and mentoring by IP Facens, Lince Facens and Facens Sustainability Committee.

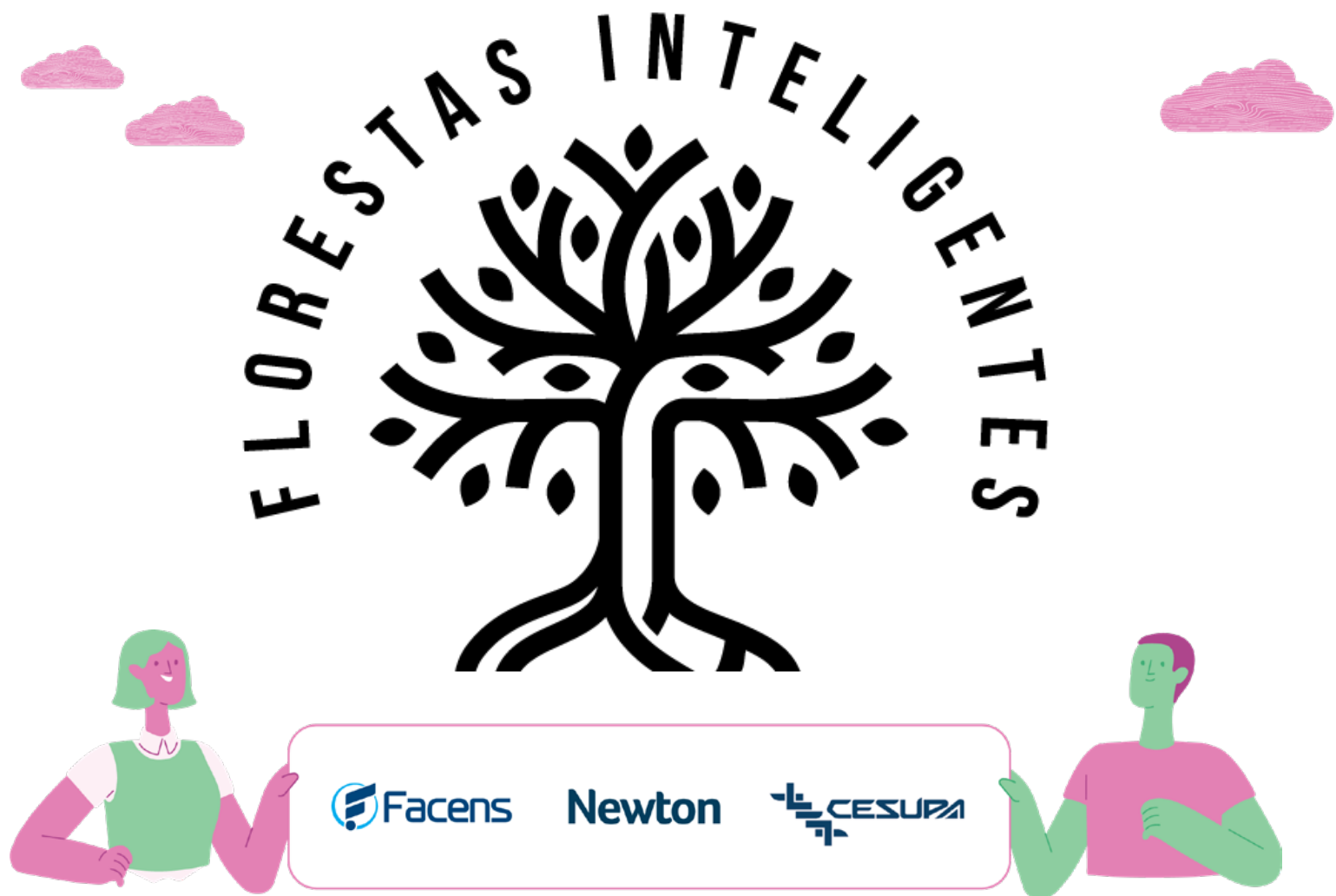
The project included 40 high school students, between 14 and 18 years old, who had training involving social entrepreneurship, English class, maker culture, sustainability and technology. Among the activities developed with the students was the production of a sustainable mug pilot unit that could be replicated in a 3D printer, in addition, they carried out studies and experiments addressing water flow reducer installations, electricity generation through a static bicycle and reuse of organic waste through a biodigester.

Facens, in addition to giving lectures and mentoring, also sponsored part of the winners' award, granting two full scholarships, one for undergraduate and one for graduate studies.

## ArrecadaBem

ArrecadaBem was an activity organized by the Student Sustainability Committee, in partnership with Psychology students, in which they mobilized other students and Facens employees. The activity consisted of a competition to mobilize actions to donate toys, children's clothes and books, which totaled 119 items to be directed to the Kayon Institute in Action.



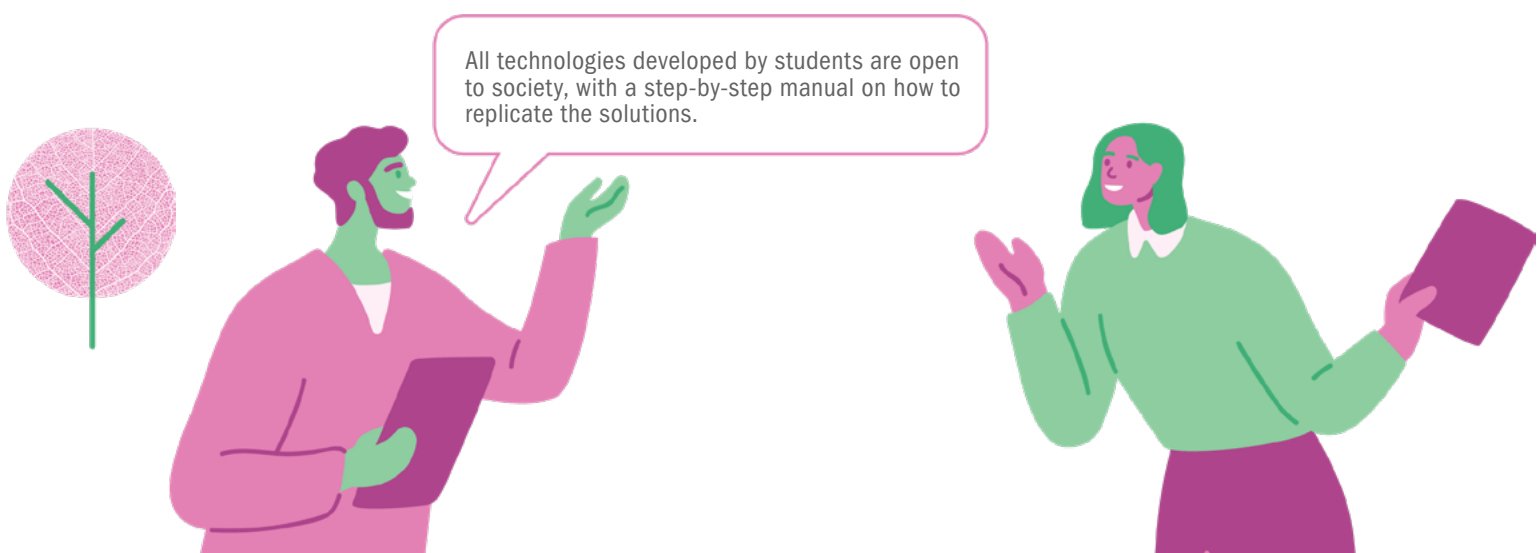


## Florestas Inteligentes

The Florestas Inteligentes (Smart Forests Project) was born from the union of three educational institutions – FACENS, Newton Paiva and CESUPA – with the purpose of developing smart and high-impact solutions to improve the quality of life and sustainability of forest communities, through challenges posed to 12 teams formed by students from the three institutions.

In 2022, the impacted site was Ilha do Combú, a riverside community located on the outskirts of Belém do Pará. The challenge proposed to the students was to provide access to drinking water and electricity. The 12 teams formed presented their ideas during a Hackathon that took place in May. The three teams that obtained the best results went to the final stage and received seed capital in the amount of R\$3,000 for prototyping their projects.

In July, all students traveled to Sorocaba to use the entire structure of Facens laboratories and test the efficiency of their prototypes. Then, everyone traveled to Belém to implement and monitor their projects with the community of Ilha do Combú.





Between August and October 2022, the efficiency and impact of the solutions were analyzed. On October 27, the teams presented their final results and the PURIFY team was the winner of the edition, taking the prize of R\$5,000. Their solution, in addition to bringing drinking water, had an autonomous solar energy system, which supplies both the ultraviolet light used for microbiological filtration and can also be used to connect small household appliances in the house.

Smart Forests 2022 featured Master Sponsors: Alcoa, Votorantim Reserves, and Prysmian Group, which were essential to the success of the project.



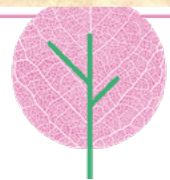
## Awards in student competitions focused on Sustainability

### Strongertech Facens wins top 5 of all categories at IBRACON congress

The StrongerTech Facens team, from LINCE (Laboratory and Innovation and Student Competitions) participated in the 63rd Brazilian Concrete Congress, from IBRACON (Brazilian Concrete Institute).

In addition to the competitions, this is an event focused on the advances, studies and achievements recently achieved in the field of materials and structural engineering, with a focus on environmental aspects, carbon reduction and sustainability.

Among the 19 participating teams, students from the Architecture and Urbanism and Civil Engineering courses at Facens University Center were featured in the competitions, winning two podiums and being in the top 5 of all categories.

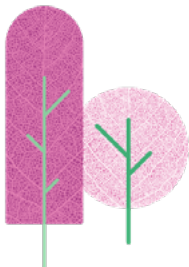


### Baja Mud Racing Facens in 3rd Flex Challenge

The 3rd Flex Technology Innovation Challenge was a competition promoted by the Flex Institute of Technology and aimed to bring the relationship between Universities and Industry closer.

Of the several teams that participated in the competition – formed by undergraduate and graduate students from different institutions – only 12 were finalists. The Baja Mud Racing Facens team won the 5th place with Baja Agro.

The team turned the Baja into a working instrument in the field, maintaining the characteristics of versatility, durability, easy maintenance and, above all, low cost. These attributes make Baja Agro an innovative product, opening up a new aspect of rural mobility.





### Team B'Energy vice-champion in the 18th Competition Formula SAE BRAZIL 2022

The B'Energy Facens team competed, in the second half of 2022, in the 18th Formula SAE Brazil-TotalEnergies Competition, in the modality of electric cars, which took place in Piracicaba (SP). The team was a national highlight in the modality of electric cars. B'Energy won 1st place in the Cost, Design, and Enduro categories and 2nd in Efficiency. This performance yielded the 2nd place in the overall classification of the competition.



**B'Energy Facens competed with the new electric prototype, "B20", which counted on the collaboration of 39 students from different courses of the Facens University Center in the project**

Parallel to the event, the SAE-Brazil – BALLARD Student H2 Challenge took place, which was attended by the Facens team, B'Energy-H2. The University Center team was in 4th place in the challenge, when assembling an electric vehicle powered by hydrogen fuel cell.

### Real Life Challenge Competition – Egypt

Facens University Center students went to Egypt to participate in the Real-Life Challenge competition. Among 57 teams from 7 countries, they won the top 5 in the competition on digital management of natural resources.





# Awards & Recognition

The Facens University Center has many awards and recognitions, obtained by the institution and the professionals that compose it. We selected those that are related to sustainability and were obtained in 2022:

## Guia Quero Estádio



The infographic features five award callouts, each containing a star rating, the course name, and the text 'the best course in Sorocaba.' The awards are from the 'GUIA QUERO O ESTADÃO DA FACULDADE' 2022 edition. The background includes illustrations of three students in the center, a female student with a tablet on the bottom left, a male student with a beard on the bottom right, and a server rack at the bottom.

| Course                               | Rating | Award Text  |
|--------------------------------------|--------|---|
| Engenharia Mecânica Bacharelado      | ★★★★★  | Mechanical Engineering the best course in Sorocaba.   |
| Engenharia de Computação Bacharelado | ★★★★★  | Computer Engineering the best course in Sorocaba.     |
| Engenharia Elétrica Bacharelado      | ★★★★★  | Electric Engineering the best course in Sorocaba.     |
| Engenharia Mecatrônica Bacharelado   | ★★★★★  | Mechatronic Engineering melhor curso de Sorocaba.     |
| Engenharia Química Bacharelado       | ★★★★★  | Chemical Engineering the best course in Sorocaba.     |
| Engenharia Agrônoma Bacharelado      | ★★★★★  | Agricultural Engineering the best course in Sorocaba. |

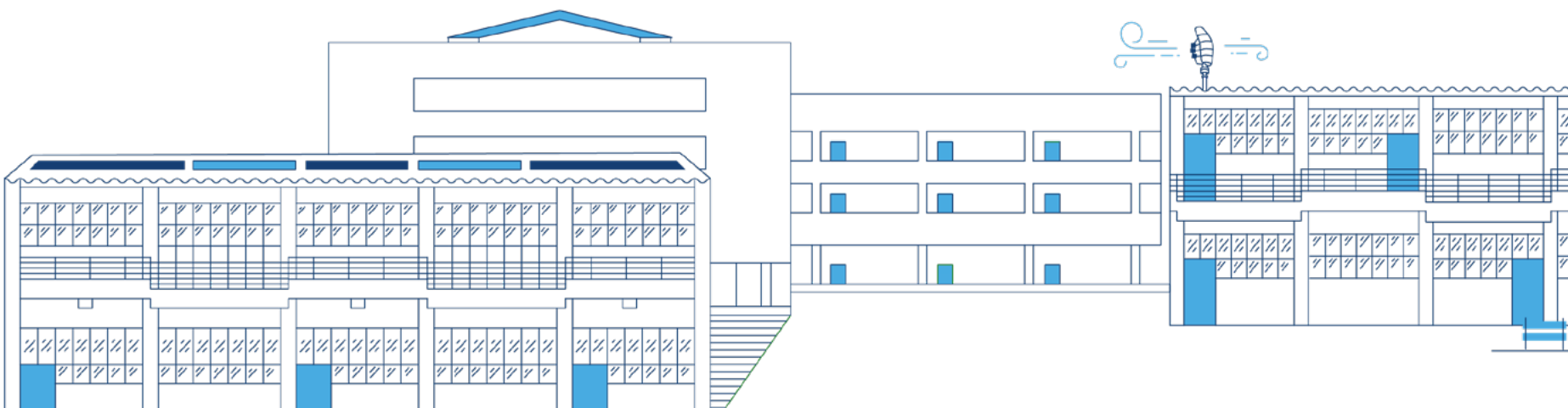
## Facens is the most sustainable private higher education institution in Brazil

Facens is considered, among private higher education institutions, the most sustainable in Brazil for the second time in the UI GreenMetric International Ranking.



The 1st private higher education institution in the country in sustainability by the UI Greenmetric ranking.

- **1st place in Brazil in Energy and Climate Change;**
- **Top 3 of the State;**
- **6th between Public and Private Institutions in Brazil;**
- **Among the 20% most sustainable in the world.**





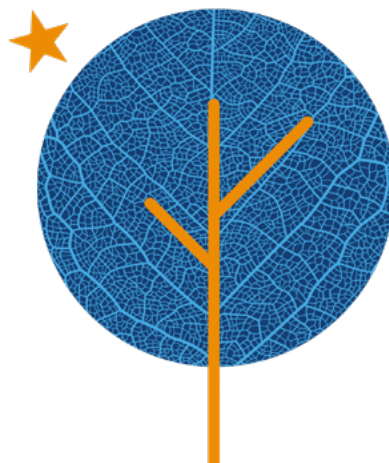
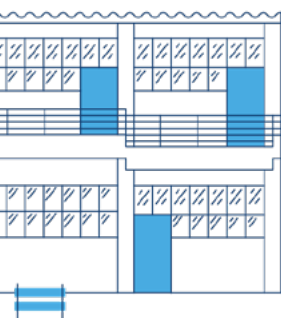
## Facens receives seal Socially Responsible Institution 2022/2023

Facens receives the seal of Socially Responsible Institution ABMES (Brazilian Association of Higher Education Maintainers), a certification that aims to show society that the institution promotes actions focused on social well-being and sustainable development of the community in which it operates.



## Facens is featured in a magazine commemorating Sorocaba's anniversary

Facens is featured in the article "Professionals trained to crew the brave new world", in which journalist Marinaldo Cruz gives an overview of the work that Facens has been doing in the region, focused on training citizen professionals prepared for life in the areas of Engineering, Architecture, Technology, and Health.





### Thais Beldi receives “Ana Abelha Medal” from the Municipality of Sorocaba

Thais Beldi, director of strategy and innovation, receives the medal of Entrepreneurial Woman “Ana Abelha”, from the Municipality of Sorocaba, in recognition of her prominence in the business environment, in addition to all her extensive work in socio-environmental causes throughout Brazil and the world, representing the strength of Sorocabana women.

### Raquel Barros receives USP Alumni Award

Professor and Coordinator of ENLACE (Emotional Collaboration Laboratory) at Facens, Raquel da Silva Barros receives the USP Alumni Award in the category Contributions in human relations and social inclusion.







**Regiane Relva Romano receives the title of Sorocabana Citizen**

Director of the Smart Lab® of Facens, Regiane Relva Romano receives the title of Sorocabana Citizen, in recognition of the services provided to the city of Sorocaba through the performance of the Smart Campus® on the various innovation fronts of the city.

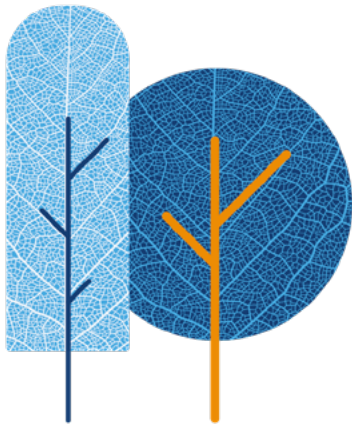


**ICT Facens celebrates accreditation at CGCRE**

ICT Facens (Innovation and Technology Center in Facens City and Construction) celebrated the accreditation of ABNT NBR ISO/IEC 17025, carried out by the General Coordination of Accreditation (CGCRE).



Learn more about QRcode awards!





# FACENS 2022 SUSTAINABILITY REPORT

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