



**ACCOUNTABILITY
2025**

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Presentation

For the Universidad Tecnológica ECOTEC, the 2025 Accountability Report represents an exercise in transparency and responsibility with our university community and with the society to which we owe ourselves. This document reflects the sense of collective work aimed at training people, generating knowledge and permanent commitment to the development of the country.

In line with our mission to train humanistic and innovative professionals committed to social, business and environmental development, this year we have made significant progress in academic training, research, Community Outreach, sustainability and innovation. This report includes the main management results achieved by our institution during this period.

The academic offer continued to expand at the undergraduate, graduate and professional development levels, through face-to-face, hybrid and online modalities. In this way, we favor access to higher education and respond to new professional and social dynamics. This process has been accompanied by training aimed at developing skills for global employability, as well as strengthening student welfare programs, international mobility and comprehensive accompaniment.

In scientific research, we recorded sustained growth in high-impact publications and research projects. We strengthened our research culture aimed at generating relevant knowledge and analyzing real problems. In the same way, the link with society made it possible to expand spaces for cooperation, training and participation together with communities, organizations and public and private institutions.

The results achieved during this period were also recognized in national and international scenarios. The university was ranked 251-three hundred in the QS Latin America & Caribbean Ranking 2026, thanks to advances in academic reputation, research, and internationalization indicators. We also reached first place in Ecuador in the UI GreenMetric World University Rankings 2025 and third place in the Innovatec Ranking, results that reflect our commitment to sustainability, innovation and continuous improvement.

During this year, ECOTEC hosted international academic events such as the Innovatec Meeting and the XIII TUS International Congress, which brought together institutions and specialists from different countries around the contemporary challenges of higher education.

We also promote an academic and public analysis agenda aimed at promoting critical thinking and reflection on issues of national and international interest. I am convinced that the university must actively participate in public opinion, based on knowledge, reason and intellectual responsibility.

None of what has been achieved would have been possible without the commitment of teachers, students, administrators, graduates and strategic allies who are part of our university community. To all of them I express my recognition and gratitude for contributing daily to the institutional growth of ECOTEC.

The year 2026 has a special meaning for our institution, as it commemorates two decades of university life. We arrive at this anniversary with the conviction of continuing to build a university open to the world, committed to academic excellence and aware of its responsibility for the present and future of the country. This principle continues to guide our institutional vision: *Res Non Verba*.

Joaquín Hernández Alvarado, Ph. D.
Rector

Institutional Identity

Mission

We are a university that trains humanist, innovative professionals committed to social, business and environmental responsibility at the undergraduate and graduate levels, contributing to the sustainable development of the country through teaching, research, linking with society and lifelong learning.

Vision

The Universidad Tecnológica ECOTEC is consolidated nationally and internationally as a teaching and research institution, being a scientific, technological and environmental reference, recognized for the quality of its substantive processes.

Values

- Humanism
- Integrity
- Freedom
- Leadership
- Social, Corporate and Environmental Responsibility
- Respect
- Resilience
- Self-reflection
- Innovation

Strategic Axes

- Academic Background, University Welfare and Graduates
- Scientific Research
- Community Outreach
- Graduate Studies and Continuing Education
- Online Education
- Sustainability and Innovation
- Institutional Management, Resources and Infrastructure

Legal Framework

The obligation of accountability on the part of higher education institutions is established in the Constitution of the Republic of Ecuador, the Organic Law of Higher Education (LOES), and in regulations issued by the Council of Higher Education (CES).

Article 355 of the Constitution establishes that:

"Autonomy does not exempt the institutions of the system from being audited, from social responsibility, accountability and participation in national planning."

For its part, the Organic Law on Higher Education establishes in article 17 that the institutions of the system "[...] shall observe the principles of justice, equity, solidarity, citizen participation, social responsibility and accountability."

Likewise, Article 27 provides that:

"The institutions that are part of the Higher Education System, in the exercise of their responsible autonomy, have the annual obligation to render accounts to society on the fulfillment of their mission, purposes and objectives. Accountability will also be made before the Council of Higher Education."

Article 50 of the LOES indicates that:

"... In addition, the Rector must present the annual report of accountability to society, which includes the respective report on compliance with his or her work plan to the university or polytechnic community, the Council of Higher Education and the governing body of the public policy of higher education, which will be published in a medium that guarantees its mass dissemination."

Resolution RPC-SO-41-No. 740-2019 of the Plenary of the CES approves the Instructions for the Accountability of Higher Education Institutions. Article 3 states that:

"Accountability is a process through which HEIs report, analyze and discuss with their community, society and the corresponding state agencies, on the information of academic and institutional management in relation to the fulfillment of the mission, strategic objectives, resources received, its administration, mandate and obligations provided for in the Law, developed during each year."

El artículo 7 del instructivo indica que:

"Las IES deberán desarrollar los mecanismos que crean necesarios para promover la participación, publicidad y deliberación con la sociedad de los informes de rendición de cuentas."

Article 7 of the instruction indicates that:

"HEIs must develop the mechanisms they deem necessary to promote participation, publicity and deliberation with society of accountability reports." In turn, Article 8 establishes: "HEIs shall submit their accountability report to the CES until June of each immediately following year for registration."

In compliance with this regulatory framework, the Universidad Tecnológica ECOTEC, through its highest authority, held the public act of Accountability 2025 with the participation of the university community and external guests. During this phase of deliberation, the attendees had the opportunity to ask questions, make observations and suggestions, which were attended to by the Rector

Institutional Authorities

Executive Authorities

Joaquín Hernández Alvarado, Ph. D.

Rector

Nory Pinela Morán, Ph. D.

Academic Vice-Rector

Estefanía León Espinoza, Mgtr.

Administrative Vice-Chancellor

Management and Advice

Dra. Leticia Ortega de Moral, Esp.

President of the Board of Regents of Regents

Roberto Passailaigue Baquerizo, Ph. D.

Chancellor

Carlos Ortega Santos, Ph. D.

Deputy Foreign Minister

Academic Authorities

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Andrés Madero Poveda, Mgtr.

Dean of the School of Law and Governance

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Luis Núñez Quezada, Mgtr.
Director of Technology and Innovation

Institutional Milestones 2025

In 2025, the Universidad Tecnológica ECOTEC consolidated its institutional positioning in key areas such as being a benchmark in higher education at the regional level, research, sustainability, innovation, organizational reputation and internationalization. These results reflect a sustained evolution of its academic and management model, aligned with international standards of quality and relevance.

Among the main achievements of the period, the rise in the QS Latin America & Caribbean Ranking 2026 stands out, where the University was ranked 251–three hundred. This result responds to improvements in indicators such as academic reputation, employability, scientific production and internationalization. ECOTEC also reached third place in the Innovatec 2025 Educational Ranking, standing out in indicators related to digital education, entrepreneurship and articulation with the environment. In addition, the institution ranked eighth nationally in THE Impact Rankings and achieved third place in Ecuador in SDGs 13 (Climate Action) and 16 (Peace, Justice and Strong Institutions).

In scientific research, there was a sustained growth in academic production, reflected in 220 publications indexed in Web of Science and Scopus, and a greater production of books and book chapters. The capacity for knowledge generation was strengthened through the approval of eighteen research projects, the institutionalization of six projects and participation in international calls.

In sustainability, the institution reached first place in Ecuador and 128th position worldwide in the UI GreenMetric 2025 ranking. Likewise, the renewal of the Carbon Neutral Footprint certification was obtained, and the maintenance of environmental certifications such as Green Point and 100% smoke-free spaces.

In terms of institutional reputation and human talent management, the university renewed the Great Place to Work 2025–2026 certification, which positions it among the best places to work for women nationwide; in addition, it won second place in the Member Experience category awarded by the Guayaquil Chamber of Commerce.

The institution strengthened its global presence by signing agreements with national and foreign universities and educational institutions, which allowed the execution of incoming and outgoing academic mobility programs, and the implementation of COIL projects and mirror classes, which contributed to the development of intercultural competencies in the university community.

The student community obtained recognition in national and international scenarios, among which the following stand out:

- **Bronze Piece** at the International University Festival of Social Creativity (Chile), in the Mental Health category.
- **First place at Effie College 2025**, in collaboration with Toni Mix.
- **Third place in the Sustainable Journalism Contest** (Vistazo Magazine), Young Talents category.
- **Third place in the Toni 2025 Digital Challenge**, in merchandising creativity.

These results show an institutional trajectory oriented towards continuous improvement, the strengthening of its academic and organizational capacities and the consolidation of its position as an innovative, sustainable university with international projection.

Institutional Agenda 2025

The institutional agenda developed during 2025 consisted of academic, scientific and institutional activities linked to the analysis of issues of public interest, the generation of knowledge, academic cooperation and the national and international projection of the university.

Through forums, congresses, academic meetings and initiatives to link with different actors in the environment, the Universidad Tecnológica ECOTEC promoted spaces for dialogue, exchange of experiences and critical reflection on relevant problems for society; These initiatives reaffirmed their active participation in academic scenarios and public discussion.

Spaces for Analysis and Public Debate

During the 2025 period, the university developed spaces for analysis and dialogue on issues of national interest, bringing together representatives of the public, academic, productive and social sectors.

These initiatives made it possible to address problems related to institutionality, democracy, economy, governance and public policies, from a technical and academic perspective.

Debate of candidates for the National Assembly – CNE

Within the framework of the 2025 electoral process, the Universidad Tecnológica ECOTEC, in coordination with the National Electoral Council, hosted the debate between candidates for the National Assembly, a space for democratic discussion aimed at strengthening informed voting.

The meeting, held on January 26 at the Samborondón Campus, brought together representatives of different political organizations that headed their lists at the national level, who presented their proposals and contrasted their positions on key issues for the country, in an exercise of transparency and public deliberation.

The activity brought the university community and citizens closer to the direct analysis of legislative proposals and encouraged critical thinking and interest in democratic participation.

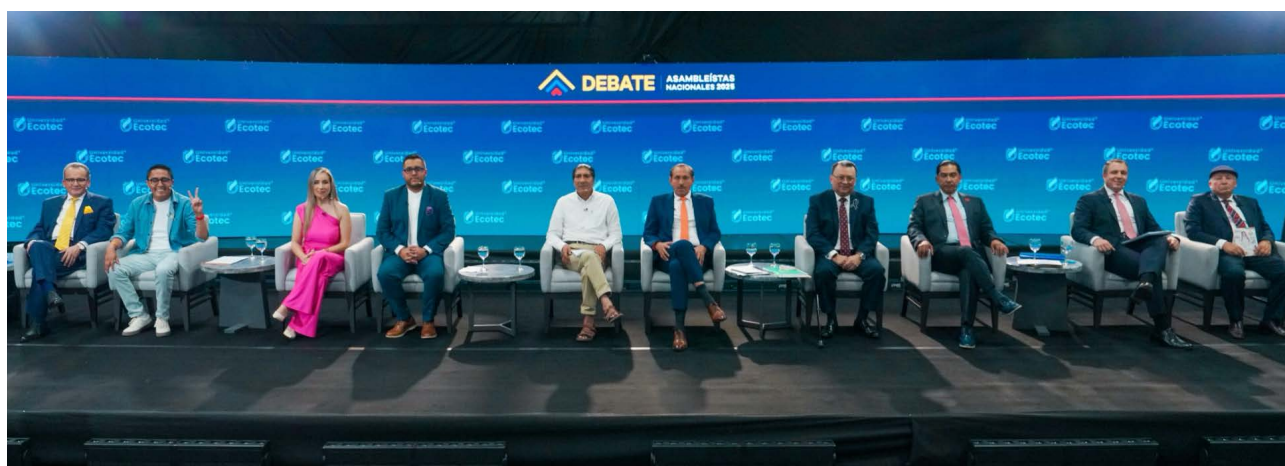


Figure 1. Debate of candidates for the National Assembly

Conversation with the President of the Republic

On March 24, at the facilities of the Samborondón Campus, the discussion "Education, Entrepreneurship and Innovation" was held with the President of the Republic, Daniel Noboa Azín, as part of his institutional agenda aimed at interaction with relevant actors for public decision-making.

During this meeting, issues related to economic development, investment and the projection of strategic initiatives for the country were addressed; The proposals linked to the creation of technological free zones and the strengthening of the productive ecosystem were highlighted



Figure 2. Conversation with the President of the Republic: Education, Entrepreneurship and Innovation

ECOTEC Forums

Starting this year, the ECOTEC Forums began, academic scenarios for the exhibition, debate and proposals of public policies, and for inter-institutional dialogue in which all sectors of society participate. The ECOTEC Forum is based on the premise that the university must contribute to the public debate through knowledge and critical reflection.

ECOTEC Forum – Legal Regime in the Context of Internal Armed Conflict

On July 8, the ECOTEC Forum "Legal Regime in Contexts of Internal Armed Conflict" was held. This meeting brought together representatives of academia, jurists, businessmen, experts in military strategy, social leaders, the media and members of civil society, who analyzed the legal and social implications of the internal armed conflict in Ecuador.

During the forum, issues related to the reform of the justice system, the fight against organized crime, national security, human mobility, the criminal treatment of minors linked to criminal organizations and the reconstruction of social fabric as a basis for sustainable peace were addressed.

At the conclusion of the event, a manifesto was prepared with reflections and proposals aimed at strengthening institutions and building comprehensive responses to the security crisis facing the country. The university also assumed the commitment to systematize and disseminate the conclusions generated, as an academic and citizen contribution to the national public debate.



Figure 3. ECOTEC Forum: Legal Regime in Contexts of Internal Armed Conflict

ECOTEC Forum - Constituent Assembly: the challenges of a new Constitution

On October 14, the ECOTEC Forum was held: "Constituent Assembly: the challenges of a new Constitution". The meeting brought together experts, academics, representatives of the productive sector and civil society, who analyzed issues related to institutionality, rule of law, balance of powers and sustainable development.

As a result, the challenges of a Constituent Assembly and its alternatives for constitutional reform and democratic strengthening were raised.



Figure 4. ECOTEC Forum - Constituent Assembly: the challenges of a new Constitution

ECOTEC Forum: Analysis of the results of the 2025 Referendum and Popular Consultation

On December 2, the forum "Analysis of the results of the Referendum and Popular Consultation 2025" was held to examine the impact of these processes on the country's governance, institutionality, and development.

The event brought together economists, jurists, public policy experts, communicators, union representatives and students, in a dialogue aimed at interpreting the results from a comprehensive perspective. Based on this analysis, factors related to citizen perception, political communication, and structural conditions that affect democratic decision-making were discussed.

As a result of the forum, a public manifesto was prepared that proposed minimum agreements in areas such as security, education, economy, employment and governance, highlighting the importance of institutional stability, confidence for investment and the formulation of evidence-based public policies.

The meeting also allowed us to reflect on structural challenges linked to the education system, the modernization of the State and the impact of disinformation on democratic processes.



Figure 5. ECOTEC Forum – Analysis of the results of the Referendum and Popular Consultation 2025

ECOTEC Academic Forums

The ECOTEC Academic Forum is a space for reflection aimed at the teaching and administrative community of the university, to analyze, update and establish conclusions on relevant issues of institutional, national and international interest that enrich the institutional vision and culture.

These meetings addressed issues related to institutionality, economy, geopolitics, law and sustainability, to promote the exchange of ideas and critical discussion within the university community.

The Academic Forums developed throughout the year were:

- The Lack of Institutionality in Ecuador. *February 11*
 - Dr. Ricardo Noboa Bejarano. Former President of CONAM
- Globalization and reciprocal tariffs: One kills the other. *March 18*
 - Eng. Eduardo Egas Peña. President of CORPEL.
- The challenges of post-electoral Ecuador. *April 8*
 - Ec. Fausto Ortiz De la Cadena. Former Minister of Finance
- The constitutional question in Ecuador today. *May 27*
 - Dr. Hernán Pérez Loose. Former Ambassador of Ecuador to the UN.
- The environmental assets of cities. *June 10*
 - Eng. Andrea González Nader. Environmental Activist.
- The current situation in the Middle East. *July 1*
 - Gad Czarninski. Consul of Israel in Guayaquil.
- Weights and Counterweights: The New Design of Political Law. *August 26*
 - Ab. Clemente Pérez Negrete. General Manager of Pérez Negrete Abogados.
- Ideological leadership in Latin America. *October 7*
 - Ec. Alberto Dahik Garzozí. Former Vice President of Ecuador.



Figure 6. Academic Forum: The Lack of Institutionality in Ecuador

Academic and Scientific Events

The university developed academic and scientific events aimed at the generation, dissemination and exchange of knowledge, promoting the participation of researchers, teachers and students in spaces for discussion on the contemporary challenges of education, technology and applied research.

XIII International Scientific Congress "Technology, University and Society" (TUS 2025)

On November 19 and 20, the XIII edition of the International Scientific Congress "Technology, University and Society" (TUS 2025) was held, an international academic space for the analysis of the contemporary challenges of higher education in contexts of digital transformation.

The congress, organized jointly with national and international higher education institutions, was held in hybrid mode and brought together researchers, teachers and experts from different countries, who participated in conferences, panels and spaces for academic exchange.

The thematic lines addressed aspects related to artificial intelligence applied to higher education, innovation in training processes, university digital governance, research with a social focus and articulation between university, business and society.

The event made it possible to expand academic collaboration networks, disseminate research results and generate spaces for discussion on trends and challenges related to university and technological development.



Figure 7. TUS International Scientific Congress 2025

Innovatec International Meeting 2025

The Innovatec 2025 International Meeting was held on September 23 and 24 at the facilities of the University of Specialties Espiritu Santo and the Universidad Tecnológica ECOTEC. The event was organized by the Innovatec Educational Ranking, the Innovative Leaders Ranking and the Association of Rectors of the Caribbean and the Americas (ARCA).

The meeting brought together more than forty international speakers and academic authorities from twenty-one countries, who participated in panels and spaces for dialogue on digital transformation of education, artificial intelligence applied to training processes, university internationalization and sustainability.

Within the framework of this event, ECOTEC University reached third place in the Innovatec 2025 Educational Ranking, which evaluates higher education institutions based on indicators related to innovation, digital education, entrepreneurship and articulation with the environment.

During the conference held at the ECOTEC campus, the award ceremony was given to the Innovative Leaders of Ibero-America, a recognition aimed at leaders in the academic, business and social fields. In this space, the Chancellor of the university, Roberto Passailaigue Baquerizo, Ph.D., received a distinction for his Undergraduate program and contribution to higher education.

The meeting also provided spaces for academic interaction and the generation of alliances with international institutions and organizations.



Figure 8. Innovatec International Meeting 2025

Student Scientific Conferences

As part of the activities aimed at strengthening research training, the 2025 Student Scientific Conferences were developed, with the participation of students and teachers from different academic units.

These conferences constitute a space for the presentation of research results through oral presentations and scientific posters and encourage student participation in processes of generation and dissemination of knowledge.



Figure 9. Student Scientific Conferences

Internationalization and Academic Cooperation

During 2025, the university developed policies and strategies to strengthen academic mobility, international relations and inter-institutional cooperation, to expand opportunities for exchange and training in global environments.

Go Global Program

As part of the actions to promote international academic opportunities, the "Go Global" program was developed, aimed at disseminating the offer of mobility programs and the agreements in force with foreign institutions.

From July 28 to 30, information sessions were held for students and members of the university community, in which alternatives for academic exchange, international missions and cooperation programs were presented.



Figure 10. Go Global ECOTEC 2025 Conference

Subsequently, the official farewell of the students selected to participate in academic missions in universities in Argentina and Panama was held, to expand their academic training and their interaction with international contexts.



Figure 11. Farewell to Academic Missions 2025

International Academic Cooperation

The university continued to expand its ties with foreign institutions through academic cooperation actions aimed at the development of joint activities and the strengthening of institutional internationalization.

In this framework, on February 26, the agreement with the Sergio Arboleda University of Colombia was formalized, based on an institutional visit led by the rector of ECOTEC. This agreement contemplates lines of collaboration related to academic exchange, project development and inter-institutional cooperation activities.

The actions developed during the period made it possible to expand opportunities for articulation with international academic networks and strengthen relations with higher education institutions in other countries.



Figure 12. Signing of an agreement with Sergio Arboleda University (Colombia)

Sustainability and Institutional Responsibility

During the 2025 period, the university developed initiatives related to environmental management, well-being and sustainability, through certification activities, participation in specialized spaces and dissemination of good practices to the university community.

Environmental Management and Certifications

In this context, ECOTEC University received the Carbon Neutral Footprint certification granted by SAMBITO, which recognizes institutional efforts related to the measurement, reduction and compensation of environmental impact under international standards.



Figure 13. Delivery of Carbon Neutral Footprint Certification

In addition, the certification of smoke-free spaces was obtained on the Samborondón, Guayaquil and La Costa campuses, strengthening healthy environments and aligned with wellness and environmental responsibility policies.



Figure 14. Delivery of Smoke-Free Certification

The university was also recognized by Sambito with the Olivo Award for its commitment to the responsible management of its carbon footprint, which reaffirms its position in terms of sustainability and environmental management at the national level.

Institutional Sustainability Initiatives

As part of the actions to disseminate environmental culture, sustainability guides were delivered to students, in coordination with ASEPLAS, with the purpose of encouraging responsible practices within the university community.



Figure 15. Delivery of Sustainability Guides

The university also participated in specialized events and spaces, such as Ekos Sustainable Experience 2025 and EduComunidad, where institutional experiences related to sustainability and environmental management were presented.



Figure 16. Ekos Sustainable Experience 2025

The activities carried out during the period reflect the continuity of institutional actions linked to sustainability, environmental responsibility and the promotion of healthy environments.

Results by Strategic Axis

1. Academic Background, University Welfare and Graduates

1.1. Undergraduate academic offer

The Universidad Tecnológica ECOTEC presented the academic offer of the degree in the face-to-face, online and hybrid modalities, to respond to the needs of professional training and expand the population's access to higher education.

The academic units offered forty-four Undergraduate programs; Although the predominance of the face-to-face modality is maintained, there is a progressive growth of online Undergraduate programs, in line with the trends of digital transformation of higher education.

Table 1. Undergraduate program courses offered in 2025

Academic Unit	Modality	Undergraduate Program
School of Health Sciences and Human Development	Face-to-face	Nursing
		Physical Therapy
		Medicine
		Nutrition and Dietetics
		Clinical Psychology
School of Economic and Business Sciences	Face-to-face	Business Administration
		Accounting and Auditing
		Economy
		Finance
		Logistics & Transportation
		Human Talent Management
		Digital Business
		International Business
School of Communication, Humanities and Creativity	Face-to-face	Communication
		Marketing
		Multimedia and Audiovisual Production
		Psychology
		Journalism
School of Law and Governance	Hybrid	Criminalistics
	Face-to-face	Law

Academic Unit	Modality	Undergraduate Program
College of Global Studies and Hospitality	Face-to-face	International Relations
		Tourism and Hospitality
School of Engineering, Architecture and Natural Sciences	Face-to-face	Architecture
		Agronomy
		Civil Engineering
		Industrial Engineering
		Mechatronics
		Veterinary Medicine
		Intelligent Systems
ECOTEC Online	Online	Education Sciences
		Business Administration
		Trade
		Communication
		Accounting and Auditing
		Law
		Economy
		Finance
		Human Talent Management
		Marketing
		International Business
		Psychology
		Intelligent Systems
		Social Work
		Online

1.2. Graduate Studies Academic Offer

The Graduate Studies offer was executed in hybrid, online and face-to-face modalities, aimed at professionals from different areas of knowledge.

Thirty-nine Graduate Studies programs were offered, with a predominance of hybrid and online modalities, which allowed expanding opportunities for specialization and professional updating in study modalities compatible with current labor dynamics.

Table 2. Graduate Studies Programs Offer 2025

Academic Unit	Modality	Undergraduate Program
Graduate Division	Hybrid	Master of Business Administration
		Master's Degree in Corporate Law and Intellectual Property
		Master's degree in labor law
		Master's Degree in Procedural Law
		Master's Degree in Tax Law
		MSc in Supply Chain Management
		Master of Sales Management
		MSc in Financial Management and Investments
		Master's Degree in Hospital Management and New Technologies
		Master's Degree in Tax Management
		MSc in Data Management and Analytics
		Master's degree in strategic marketing
		Master of Public Administration
		Master's Degree in Cybersecurity
		Master's Degree in Family Law with a Mention in Childhood, Adolescence and Patrimony
		Master's degree in technology and digital law
		Master's degree in criminal law
		MSc in Financial Management, Investments and Digital Assets
		Master's degree in occupational health and safety
	Face-to-face	Master's Degree in Constitutional Law
		Master of Veterinary Medicine
ECOTEC Online	Online	Master of Business Administration
		Master's degree in public administration with a Minor in Institutional Development Innovative Governance in Management
		Master of Science in Big Data
		Master's degree in Administrative Law
		Master's Degree in Constitutional Law

Academic Unit	Modality	Undergraduate Program
ECOTEC Online	En línea	Master's degree in Criminal Law
		Master's Degree in Procedural Law Online
		Master's degree in Organizational Development and Human Talent
		Master's degree in educational Center Management
		Master of Education
		Master's Degree in Inclusive and Intercultural Education
		Master's degree in Environmental Management with a major in Sustainable Development
		MSc in Financial Management and Risk
		MSc in Business Intelligence
		Master's Degree in Mediation and Conflict Resolution
		Master's Degree in Neuroeducation
		Master's degree in Occupational Health and Safety
		Digital Marketing and Social Media

1.3. New Academic Offer

During the year 2025, the approval of a new Undergraduate program and four Graduate Studies programs in different study modalities was managed before the Council of Higher Education.

The new approved offer included the Environmental Engineering Undergraduate program in face-to-face mode, as well as master's programs in the field of nursing, veterinary medicine, occupational health and safety, and hospital management.

These additions expand the university's training alternatives, especially in areas related to health, sustainability and specialized management.

Table 3. New academic offer approved in 2025

Level	Modality	Academic Unit	Undergraduate Program/Program	Title	Resolution
Degree	Face-to-face	School of Engineering, Architecture and Natural Sciences	Environmental Engineering	Environmental	RPC-SO-09-No.133-2025
Graduate Studies	Face-to-face	Graduate Division	Master of Science in Nursing	Masters in Nursing	RPC-SO-21-No.303-2025
			Master of Veterinary Medicine	Master's degree in Veterinary Medicina	RPC-SO-21-No.310-2025

Level	Modality	Academic Unit	Undergraduate Program/Program	Title	Resolution
Graduate Studies	Hybrid	Graduate Division	MSc in Occupational Health and Safety	Master's degree in occupational health and safety	RPC-SO-21-No.310-2025
	Online	ECOTEC Online	Master's Degree in Hospital Management	Master's Degree in Hospital Management	RPC-SO-49-No.751-2025

1.4. Undergraduate and Graduate Enrollment

The sustained growth of the undergraduate and graduate student population reflects the scope of the university's academic offer in its different modalities of study.

The distribution of students shows a relevant participation of online modality, particularly in Graduate Studies programs, which allowed expanding opportunities for access to higher education through flexible training schemes compatible with different professional and personal dynamics. Meanwhile, the face-to-face modality maintains a predominant participation in Undergraduate programs.

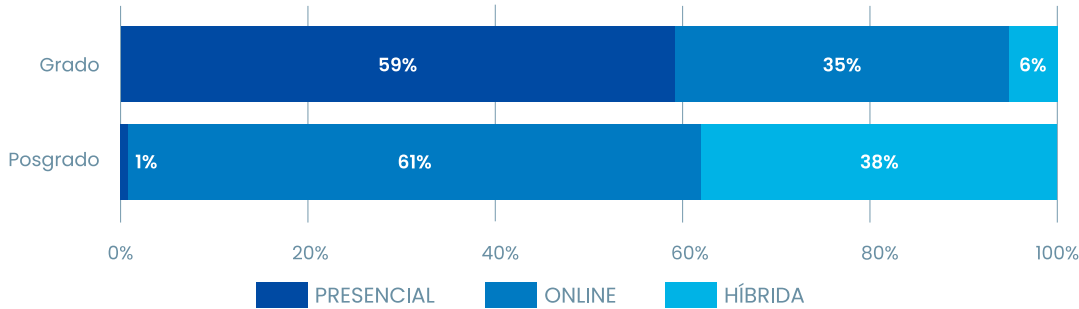


Figure 17. Distribution of students by study modality

1.5. Graduates

The Universidad Tecnológica ECOTEC contributes to the development of the country through the training of professionals with competencies aligned with the demands of the productive and social environment. The degree is the result of the training process, in which knowledge, skills and abilities acquired throughout the academic Undergraduate program are integrated.

The distribution of graduates during 2025 reflects a predominance of the face-to-face modality in undergraduate Undergraduate programs, while in Graduate Studies studies, hybrid and online modalities stand out. This behavior responds to differentiated training dynamics between both levels and the growing use of flexible modalities in fourth-level studies.

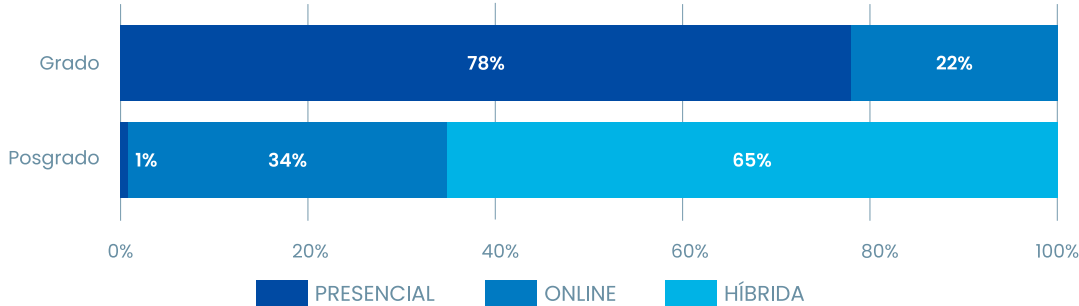


Figure 18. Distribution of graduates by mode of study

1.6. University Welfare and Student Life

The University Welfare Directorate develops actions aimed at promoting the comprehensive well-being of students, through economic support programs, academic and emotional accompaniment, integration activities and strategies linked to inclusion and coexistence within the university community

Financial support and access to education

As part of its commitment to access to higher education and student equity, the Universidad Tecnológica ECOTEC maintained during the year 2025 scholarship and financial aid programs aimed at students in diverse socioeconomic conditions, academic merit and other specific conditions contemplated in institutional regulations.

Through these programs, the university achieved a coverage of scholarships and financial aid equivalent to 47% of its student population, far exceeding the minimum percentage of 10% established in Article 77 of the Organic Law of Higher Education (LOES).

The benefits granted included scholarships for differentiated pensions, institutional agreements, socioeconomic support, academic excellence, disability and other student support mechanisms. The largest participation corresponded to the differentiated pension system, through which economic benefits were assigned according to the socioeconomic conditions of the students and their previous educational trajectory.

During the period, more than 18,000 students benefited from the differentiated pension system, while socioeconomic support programs reached more than 2,300 students.

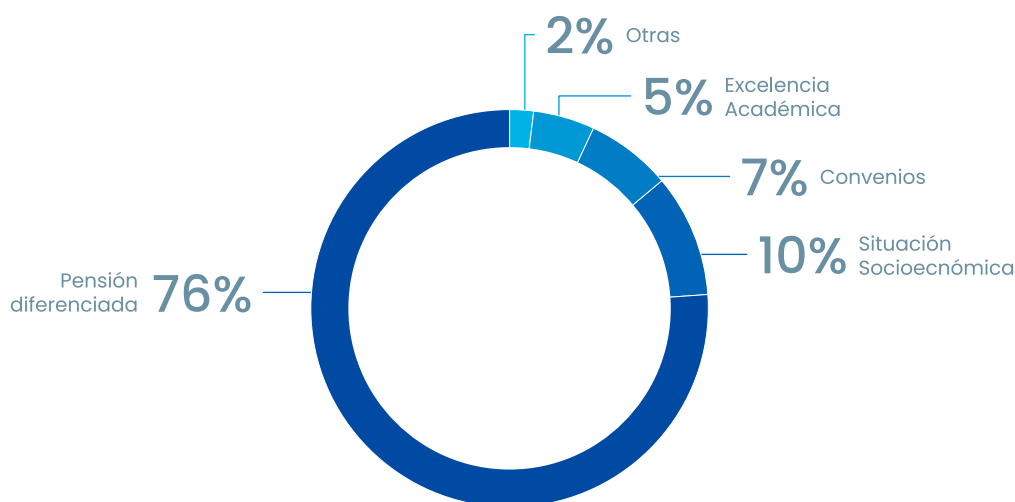


Figure 19. Distribution of scholarships by type

In the distribution of scholarships and financial aid, criteria of equity between men and women are considered, and there was a greater participation of female students in institutional support programs.

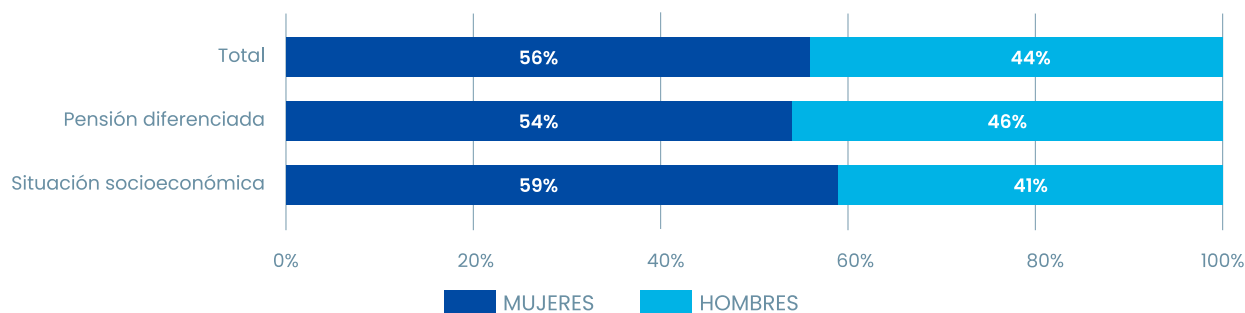


Figure 20. Distribution of beneficiaries by sex

Recognition of academic merit

Within the framework of the institutional incentive policy, the academic performance of outstanding students was recognized, through their incorporation into the Rector's List and the Dean's List, for having obtained the best academic averages of the previous period.

The details of the recognized students are presented in Annex A, as part of the institutional policy of transparency and recognition of merit.



Figure 21. Academic Merit Recognition Ceremony

Comprehensive student support

ECOTEC University maintains comprehensive support programs aimed at the physical, emotional and academic well-being of its student community.

During the leveling courses held in 2025, 2,613 vocational and professional orientation tests were applied to applicants, with the purpose of supporting decision-making related to their academic Undergraduate program. Induction and socialization workshops were also developed on institutional regulations, university services and relevant academic information for new students.

In the psychological field, counseling and follow-up processes were carried out on 639 students who presented needs related to emotional well-being, personal development and learning difficulties.

On the other hand, the institutional medical dispensary registered 15,281 attendances during the period, providing primary care to students, teachers and administrative staff. The student population accounted for 79% of the services provided



Figure 22. Health Care & Wellness Services

Student life: culture, sport and integration

ECOTEC University actively promotes student participation through cultural, sports and integration activities, aimed at strengthening social skills, teamwork and a sense of institutional belonging.

Throughout the year, various initiatives were developed, among which the following stand out:

- ECOGAMES 2025, an institutional event that promoted sports practice, teamwork and the integration of the university community.
- MEET ME 2025, an integration day aimed at new students, to facilitate their adaptation to university life.
- Cultural Wednesdays, a permanent space for artistic expression that promotes student participation in music, dance and culture activities.



Figure 23. Student participation in ECOGAMES 2025



Figure 24. Cultural and artistic activities



Figure 25. MEET ME 2025 Student Integration Event

Inclusion, equality and social welfare

Within the framework of the institutional Equality Plan, activities were developed aimed at risk prevention, health promotion, awareness of diversity and strengthening of spaces for coexistence within the university community.

Among the activities carried out were conferences related to awareness of autism and neurodivergence, prevention of drug use, sexual and reproductive health, comprehensive suicide prevention and promotion of healthy lifestyles.

In addition, activities were carried out aimed at strengthening student integration and participation through recreational and cultural spaces developed on the different university campuses. These actions are part of the institutional strategies aimed at promoting a culture of respect, inclusion and well-being within the university community.



Figure 26. Awareness-raising and equality promotion activities

1.7. International Relations

During the year 2025, the Universidad Tecnológica ECOTEC designed and implemented the institutional internationalization strategy, with the purpose of expanding opportunities for academic training, institutional cooperation and cultural exchange in global environments. In this process, lines of action were launched for academic mobility, inter-institutional cooperation and global projection of the university community.

International Agreements

The university maintained sixty-nine international agreements in force with higher education institutions and academic organizations from different countries, aimed at cooperation, mobility and academic exchange activities. During this period, eight new agreements were signed with the following institutions:

- Pontifical University of Salamanca (Spain)
- Antonio de Nebrija University (Spain)
- Universidad Central del Este (Dominican Republic)
- University of Lima (Peru)
- University of Antioquia (Colombia)
- CES University (Colombia)
- European Open Business School S.L (Spain)
- Klett Edu (Germany)

These agreements expand opportunities for academic cooperation and links with international higher education networks.



Figure 27. Signing of the ECOTEC – Universidad Central del Este inter-institutional agreement (Dominican Republic)



Figure 28. Signing of the inter-institutional agreement ECOTEC - KLETT EDU

Outbound mobility

During the 2025 period, ECOTEC University executed outgoing international mobility programs through academic exchanges and international missions.

Through the exchange programs, students from Undergraduate programs such as Industrial Engineering, International Business, Business Administration, Multimedia and Audiovisual Production and Physiotherapy carried out academic stays at universities in Spain (University of Oviedo, University of Granada and Catholic University San Antonio de Murcia) and the United States (San Ignacio University).

During these stays, students participated in academic activities and recognition processes in international contexts.



Figure 29. Students on international academic exchange

International academic missions were carried out in countries such as Panama, Argentina and Spain, which included visits to universities, business organizations and spaces for economic and social analysis.

These experiences complemented academic training through cultural exchange and contact with professional and university environments in other countries.



Figure 30. Argentine Academic Mission 2025

Inbound Mobility

During the year 2025, ECOTEC University received foreign students and teachers, within the framework of academic exchange programs and international missions.

University delegations from Colombia participated in these initiatives, whose members participated in academic activities, spaces for cultural exchange and integration experiences with students and teachers of the institution.



Figure 31. International academic mission of the Universidad Autónoma de Occidente (Colombia)

Within the framework of the student exchange program, students from the Unidades Tecnológicas de Santander university (Colombia) temporarily joined the university's academic offer during the second semester of 2025.



Figure 32. Students from Technological Units of Santander (Colombia) on student exchange

International Teacher Mobility

As part of the internationalization strategy, professors from the institution participated in doctoral and postdoctoral training programs abroad through scholarships and international academic cooperation programs.

These experiences promoted the exchange of knowledge, the link with academic networks and the development of research and training capacities within the institution.

Virtual mobility: COIL projects and mirror classes

The internationalization strategy was also implemented with virtual mobility initiatives, such as COIL (Collaborative Online International Learning) projects and mirror classes, as part of the internationalization of the curriculum and academic cooperation with foreign institutions.

224 ECOTEC students and 165 students from international institutions participated in the COIL projects, together with the collaboration of teachers from various areas of knowledge. These experiences promoted cultural exchange and collaborative academic work in virtual environments.

The mirror classes brought together 165 ECOTEC students and 320 students from foreign institutions, through shared academic activities developed by national and international teachers in different subjects.

These initiatives expanded opportunities for international interaction between students and teachers and favored academic exchange and the integration of global experiences within the training process.

The activities developed during the period expanded opportunities for academic exchange and cooperation with institutions from different countries, incorporating international experiences into university education.

1.8. Academic events

School of Health Sciences and Human Development

During the 2025 period, the School of Health Sciences and Human Development strengthened its academic positioning through the organization of events aimed at scientific updating, practical training and Community Outreach with the health environment.

The academic event "Medicine 2050: gene therapies, tissue engineering and metaverse", developed by the Esculapio Club, which addressed emerging trends in medical practice, including gene editing, bioprinting and immersive clinical simulation environments, stands out. This space promoted critical reflection on the ethical and technological challenges of contemporary medicine, with the active participation of students and specialists.



Figure 33. Medicine 2050: Gene Therapies, Tissue Engineering and the Metaverse

In the Nursing Undergraduate program, the specialized event "Echo-directed punctures in Nursing: integration of technology for patient safety" was held, with the participation of professionals from the Abel Gilbert Pontón Hospital, aimed at strengthening clinical competencies through the use of technological tools applied to patient care. Academic and community activities were also developed, such as the open house for the International Day of the Elderly and the prevention day "Fight against HIV-AIDS", in coordination with institutions of the health sector, which shows the focus on linking with society.

For its part, the Physiotherapy Undergraduate program organized internal academic conferences with the participation of teachers and specialists, aimed at updating clinical trends and strengthening practical learning, as well as interdisciplinary work with other areas of health.

The academic management of the School demonstrates a sustained focus on scientific updating, the development of clinical competencies and articulation with the social and health environment.

School of Economic and Business Sciences

During the 2025 period, the School of Economic and Business Sciences developed academic activities focused on the analysis of the economic environment, business management and decision-making in dynamic contexts.

Within this framework, keynote talks and conferences were given by national and international experts on topics such as fiscal policy, structure of the General State Budget, circular economy, innovation for productive development, business risk management and analysis of corruption and its impact on economic growth. These activities contributed to the academic discussion of economic and business issues of relevance to student education.

In the business field, talks were held with relevant actors in the productive sector, highlighting the participation of business leaders such as the CEO of Paccari, where internationalization processes, brand positioning, sustainability and value generation in global markets were analyzed. New trends such as the silver economy and business models adapted to demographic and social changes were also addressed.



Figure 34. Conversation with Santiago Peralta – CEO of Paccari

As part of the internationalization of the training process, international classes were developed on data analytics and financial management tools, including Power BI applied to finance and risk analysis, as well as cost and logistics systems, with contribution to the technical training of students.

Another relevant component was the technical business and field visits, which allowed students to observe real processes in organizations such as Unilever, Holcim, McDonald's, Axionlog, Reciplásticos and entities of the national customs system. These activities facilitated the articulation between theory and practice in areas such as logistics, foreign trade, process management, sustainability and business operations.



Figure 35. Technical visit to Unilever Andina – Guayas Plant

Transversal training spaces on ethical and social competencies were also developed, such as conferences on the prevention of harassment, discrimination and gender violence, as well as awareness-raising activities on disability, as part of the comprehensive training of students.

The agenda developed consolidates a training approach oriented to economic analysis, strategic decision-making and effective Community Outreach with the business environment.

School of Communication, Humanities and Creativity

The academic agenda developed by the School of Communication, Humanities and Creativity in 2025 was characterized by its focus on the integration between creativity, technology and critical thinking, through training spaces linked to industry and contemporary cultural production.

Among the main initiatives is INSPIRE Edition IV, an academic festival that integrated conferences, workshops, exhibitions and competitions in the audiovisual and multimedia fields. The event presented short films, illustration, cosplay and advertising production, as well as networking spaces with professionals and allied brands that promoted practical learning and connection with the professional environment.



Figure 36. INSPIRE – Edition IV

The Free Voices cycle is a space for reflection on social, cultural and humanistic issues, by addressing contemporary problems from an interdisciplinary perspective and promoting dialogue between students and external actors.



Figure 37. Lecture Series "Free Voices"

In the field of innovation and digital trends, events such as "Inspire Talks: An Immersive Future" were held, which brought together experts in artificial intelligence, metaverse, gamification and multimedia production, to analyze their impact on the creative industry. In addition, topics related to digital transformation, strategic marketing and contemporary communication were addressed through specialized talks such as "Public Relations 4.0" and discussion spaces on generative artificial intelligence applied to digital content.

The School also promoted spaces for analysis in social and humanistic areas, through discussions such as "Migration and Dreams Fulfilled" and the event for World Press Freedom Day, which allowed reflection on the professional practice of journalism in the current context.

In the practical and creative component, workshops and conferences were developed such as Midsommar: Creative Process, aimed at strengthening skills in design, production and development of projects, and the integration of technological tools and applied innovation methodologies.

At the international level, the students who participated in the Argentine Academic Mission 2025 made business visits, spaces for professional exchange and attended the festival "El Ojo de Iberoamérica 2025", an event that allowed them to link up with the creative industry in a global environment.

Finally, the event "Communication, Art and Culture", in its fifteenth edition, constituted an institutional space for recognition of relevant figures in the communicational, artistic and cultural fields. This event reinforces the academic identity of the School and its projection in the Ecuadorian cultural environment.



Figure 38. Communication, Art and Culture – XV Edition

The set of initiatives developed strengthens training in creativity, critical thinking and strategic use of technologies, in direct connection with the cultural and digital industry.

School of Law and Governance

The School of Law and Governance offered an academic agenda aimed at strengthening applied legal analysis, training in specialized technical skills and articulation with actors in the justice system.

In the field of constitutional law and institutionality, the Week of Constitutional Justice was highlighted, developed in conjunction with the Constitutional Court of Ecuador, which made it possible to analyze the evolution of constitutional jurisdiction, its contemporary challenges and its role in the protection of rights.

In addition, spaces for reflection on the organization of the State and democratic processes were generated, such as the event "Democratic Approaches: Referendum and Popular Consultation 2025", which promoted academic debate on mechanisms of citizen participation and governance.



Figure 39. Constitutional Justice Week

In the field of alternative conflict resolution mechanisms, the event "Mediation and culture of peace in Ecuador: Science, Justice and Society" was held, which integrated academic and professional perspectives for the study of mediation as a tool for a more accessible justice, under an applied research and public policy approach.

Links with institutions of the justice system were also strengthened through conferences held in coordination with the Public Defender's Office of Ecuador, in which problems such as organized crime, domestic violence and habeas corpus in prison contexts were addressed, in order to promote a comprehensive understanding of access to justice and the protection of rights.

In the field of innovation and contemporary law, the Ethos IA International Conversation stood out, which brought together national and international specialists to analyze the ethical and legal implications of artificial intelligence, as well as its impact on professional practice and institutional dynamics.

A relevant component of the academic agenda was the strengthening of technical skills in criminalistics and expert analysis. In this context, multiple specialized conferences were held in areas such as inspection of the scene of the events, analysis of evidence, graphology, road accidentology and identification of vehicles, in which investigation methodologies, techniques for collecting evidence and evidentiary assessment were addressed.

These activities contributed to the development of operational and analytical skills in the students, by incorporating theoretical components and practical exercises based on simulation of real scenarios.



Figure 40. Numbering Analysis and RQ Serial Markings on Vehicles

Academic spaces were also promoted in areas such as criminal law, environmental law and criminal policy, including the analysis of the role of law in the face of social and environmental crises, as well as debates on differentiated approaches in the treatment of highly dangerous criminality.

On the other hand, updating events were promoted in emerging areas of law, such as intellectual property, through conferences to socialize services of the governing body in the field, and academic events related to tax law and international trade, such as the presentation of the book "The Tariff Ceiling", which generated spaces for academic discussion with national and international experts.

The academic agenda strengthened legal training through the integration of doctrinal analysis, specialized practice and Community Outreach with the justice system.

College of Global Studies and Hospitality

The academic agenda of the School is oriented towards training with an international, interdisciplinary and applied approach, and integrates knowledge in international relations, tourism and cultural management.

In the field of international relations, spaces for analysis of contemporary global dynamics were promoted through talks and masterclasses such as "Transversality in International Relations: Environment, Trade and Diplomacy" and "International Peace and Security: United Nations and Regional Integration Mechanisms", which made it possible to understand the articulation between international politics, sustainability and multilateral cooperation. Strategic approaches on systems resilience and decision-making in crisis contexts were also addressed.

In the field of tourism and hospitality, activities aimed at strengthening technical and operational skills were developed, including masterclasses in food and beverage costs, hotel marketing and cruise industry management, focused on international standards of service, operational efficiency and employability in global environments. In addition, topics of sustainability and heritage appreciation were incorporated, such as the virtualization of archaeological heritage and the analysis of cultural manifestations such as Inti Raymi.

A relevant component was the execution of academic outings and learning experiences in the field, which allowed students to analyze real processes in institutional and productive environments, such as the José Joaquín de Olmedo Airport, the Consulate of Peru, the Cocoa Museum and the Dos Hemisferios Vineyard. These activities facilitated the understanding of the value chain in sectors such as tourism, international trade and cultural management, as well as the application of operational and regulatory standards in real contexts.



Figure 41. Academic outing to the Consulate of Peru in Guayaquil

The school promoted transversal training spaces, such as public speaking workshops and social awareness days, as well as academic events aimed at the analysis of contemporary problems such as gender violence and its impact on the social and professional environment.

In the practical training field, the development of the academic simulator of parliamentary procedure was highlighted. In this exercise, students demonstrated their competencies in negotiation, leadership, and political analysis, through the application of rules of debate, argumentation, and decision-making in simulated contexts.

Additionally, participation in external academic events, such as the International Congress "The Other Tourism: Legends and Mysteries", and the development of student scientific conferences, strengthened research skills and the analysis of emerging trends in tourism and cultural heritage.



Figure 42. International Congress "The Other Tourism: Legends and Mysteries"

School of Engineering, Architecture and Natural Sciences

The School of Engineering, Architecture and Natural Sciences structured an academic agenda for the strengthening of scientific and technological training, with emphasis on the application of knowledge in productive, environmental and innovation fields.

In the field of basic and applied sciences, academic spaces were promoted such as the keynote talk "A chemical look at magnetism in two-dimensional materials", which addressed advances in materials and applied physics, as well as conferences aimed at digital transformation, in which the role of connectivity, data and artificial intelligence as drivers of technological development was analyzed.

In the agro-productive and environmental sphere, events were held focused on relevant problems for the sector, such as "Fruit flies and their impact on agriculture", "Genetic diversity and improvement of corn" and conferences on food safety, which made it possible to analyze aspects related to productivity, sustainability and food security. These activities were complemented by practical initiatives such as the birdwatching workshop and events on vertical gardening, aimed at the conservation of biodiversity and the development of applied environmental solutions.



Figure 43. Conference: Fruit flies and their impact on agriculture

In the area of veterinary medicine, the School carried out a specialized agenda with conferences on pet health and animal welfare, as well as the Ecovet 2025 Animal Welfare in the family event, focused on the analysis of contemporary challenges in animal health and veterinary practices. The academic and scientific projection of the School is also highlighted, through participation in external academic events such as VETFORUM 2025 and the presentation of scientific posters at congresses in the area.



Figure 44. Ecovet 2025 Family Animal Welfare

In the field of engineering and technology management, conferences and discussions were organized on emerging trends, which included analysis of innovation, technology transfer and comparative experiences; for example, the conference on SMEs in Japan and Ecuador, which allowed us to examine models of productive development and business competitiveness in international contexts.

Academic spaces were developed such as the conference "Textures and color in contemporary architecture", aimed at the analysis of trends in architectural design and expression, and the integration of aesthetic and functional criteria in the development of projects.

In addition, technical training activities and links with the professional environment, specialized training processes and articulation with actors in the productive sector were promoted, to strengthen the practical application of knowledge in real contexts.

ECOTEC Online

The academic agenda of ECOTEC Online is aimed at strengthening professional competencies through virtual learning environments, with an emphasis on education, management and social sciences, with current approaches and applied digital tools.

In the educational field, specialized masterclasses were held that addressed topics such as neuroscience applied to learning, emotional education and strategies for the attention of special educational needs, aimed at strengthening teaching practice in virtual environments. These activities reflected the interest and scope of the online offer, with events that exceeded two hundred registered.



Figure 45. Master Class: "The Psychological Perspective on Inclusion: Strategies for specific needs from the online university"

In the field of management and administration, keynote lectures were held on topics such as neuroleadership and water management in Ecuador, focused on the analysis of organizational trends, contemporary leadership and sustainability. These spaces promoted reflection on the challenges of the business environment and decision-making in complex contexts.

For its part, in the area of social sciences, academic events were held aimed at the analysis of contemporary problems and the development of applied skills, with topics such as strategic marketing and tourism planning, ergonomics at work, personal image in virtual environments and organization of events, with active participation of students in synchronous learning spaces.

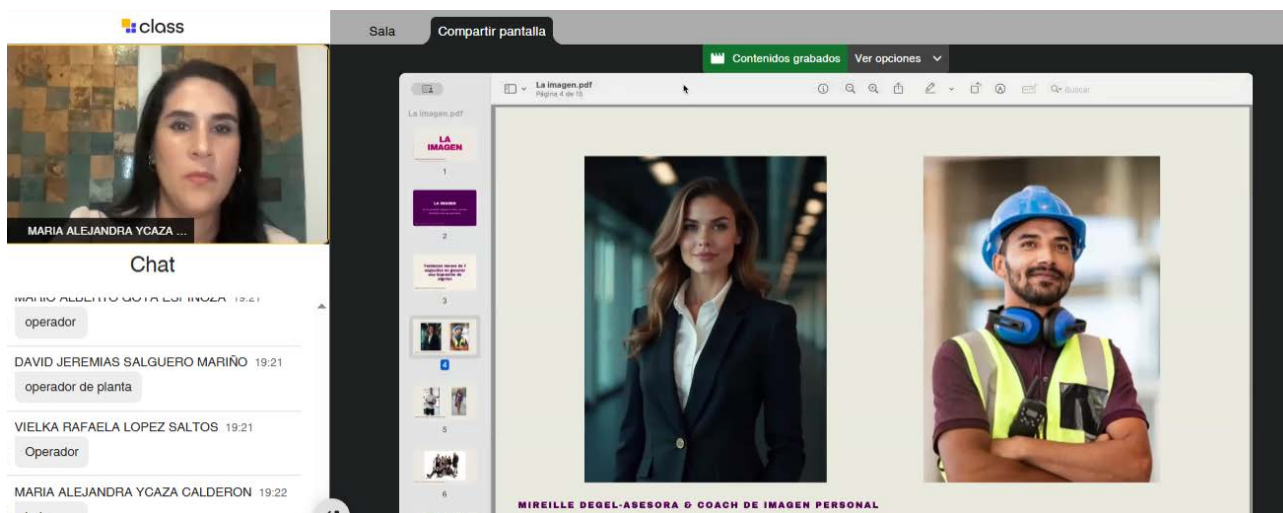


Figure 46. Master Class: The personal image within the virtual world

These activities were developed through institutional digital platforms, which allow expanding coverage and provide accessibility to flexible training processes, aligned with the dynamics of online education. Thus, online modality consolidates a flexible training environment that integrates active methodologies, digital tools and student participation in virtual contexts.

Graduate Division

The Graduate Division developed an academic agenda aimed at the specialization of professional knowledge and the analysis of complex problems from interdisciplinary approaches, with the participation of national and international experts.

In the legal field, keynote lectures were organized aimed at the analysis of constitutional law and its evolution in the Ecuadorian context. It is worth highlighting the conference "The control of constitutional reforms. Ecuador from 2011 to 2025", where jurisprudential precedents and their impact on the Ecuadorian institutional system were addressed.

International talks specialized in economic and tax criminal law were also held, such as "Ghost companies and their possible impact on the crime of illicit associations". In this event, legal, accounting and tax perspectives were integrated for the analysis of complex structures linked to fraud and economic crime.



Figure 47. Conference: Shell Companies and their possible impact on the crime of illicit association

In the field of business management, academic events aimed at the analysis of organizational trends were scheduled. The international conference "Engagement is dying: does the employee experience kill it?" allowed us to reflect on the challenges in human talent management and the transformation of work dynamics.

Spaces for geopolitical and economic analysis were promoted at the international level. The conference "China's New Geostrategies in Latin America: Between Cooperation and Technological Dependence" stands out, which addressed the impact of the Belt and Road Initiative in the region, as well as its economic, political and legal implications.

Specialized webinars were also held, such as "Risk Management in Complex Scenarios in the Global Supply Chain", where international standards and organizational strategies aimed at strengthening resilience, business continuity and sustainability of operations in global environments were analyzed.



Figure 48. Webinar: Managing Risk in Complex Global Supply Chain Scenarios

2. Scientific Research

The Universidad Tecnológica ECOTEC has strengthened its research activity, a strategic axis for its academic development that promotes the generation of knowledge, articulation with academic networks and the improvement of research capacities in teachers and students

2.1. Scientific Production

In recent years, there has been a sustained trend of growth in scientific production, mainly focused on publications indexed in high-impact databases, such as Web of Science (WoS) and Scopus.



Figure 49. Evolution of institutional scientific production (WoS and Scopus)

Regarding the composition of scientific production, there is a clear predominance of publications indexed in WoS and Scopus (220), complemented by the production published in regional articles (11), books (16) and book chapters (27), which reflects a diversification in the channels of knowledge dissemination.

Scientific production has been strengthened with the consolidation of the institutional team of researchers, made up of academics with academic experience and active scientific production, which leads the generation of knowledge in various areas of knowledge.



Figure 50. ECOTEC 2025 Research Team

This process has made it possible to position the institution in the field of scientific research, increase its visibility and academic contribution, and maintain a projection of sustained growth in the coming years, in coherence with the institutional policy of strengthening research.

2.2. Research Projects

During the year 2025, the Universidad Tecnológica ECOTEC showed an increase in approved research projects, and a greater participation in international calls.

Eighteen research projects were approved, and six additional projects were institutionalized, which represented an advance in the formalization and sustainability of research activity within the university in various areas of knowledge. Annex B lists the active Research Projects in 2025.

In terms of international projection, links with academic networks and external funding organizations have been strengthened through the application of four projects to international calls.

The emphasis of the projects on environmental sustainability, innovation and applied sciences is highlighted, which reinforces the relevance of the research in relation to the institutional vision and the needs of the environment. In this context, the project aimed at the bioremediation and eco-restoration of the Estero Salado stands out.



Figure 51. Estuary Salado Bioremediation and Eco-Restoration Project

2.3. Scientific Events and Research Training

Spaces for the dissemination and strengthening of the research culture were promoted through the organization of scientific events aimed at the academic community.

The 2025 Student Scientific Conference was held, in which academic papers and posters were presented, with the participation of more than a hundred students. This event is a key space for research training and the dissemination of scientific results in early stages.



Figure 52. Student Scientific Conferences 2025

On November 19 and 20, the XIII edition of the International Scientific Congress "Technology, University and Society" TUS 2025 was held, an event organized by the Universidad Tecnológica ECOTEC, Central del Este University, University of the Caribbean, Espiritu Santo University of Specialties and the Argos University Technological Institute.

This congress was attended by approximately three hundred attendees, the presentation of more than seventy papers and the realization of specialized academic panels. As a result, research products were generated for publication in scientific journals and academic reports, which contributed to the strengthening of institutional scientific production and its international visibility.



Figure 53. XIII International Scientific Congress on Technology, University and Society 2025

These spaces strengthen the research skills of students and teachers, and promote scientific dissemination, academic interaction and the consolidation of cooperation networks.

2.4. Institutional Editorial Production

The institutional editorial production was strengthened in 2025, for the dissemination of knowledge generated by the academic community through scientific journals, books and book chapters.

In the field of institutional scientific journals, sustained production was maintained in two academic publications. The journal *Ecociencia*, aimed at the dissemination of research results in various areas of knowledge, registered the publication of four volumes with a total of twenty-eight articles, which reflects growth in its production and editorial dynamism.

For its part, the journal *Res Non Verba*, with a focus on the Social, Legal, Economic and Administrative Sciences, published two volumes with seventeen articles, with a level of production similar to the previous year.

Both journals constitute spaces for scientific dissemination in different areas of knowledge and contribute to the strengthening of institutional academic production and its visibility in the scientific community.



Figure 54. Institutional editorial production

There was also an increase in the publication of digital academic books, with four works published in 2025. The production of book chapters reached twenty-one publications, compared to fourteen in the previous year, which shows a greater participation of teachers and researchers in the generation of academic content of greater scope.

These actions reflect the progressive strengthening of institutional editorial management, leading to improving the quality of publications and their projection towards indexing processes in recognized academic databases.

2.5. Institutional Strengthening of Research

The institutional management of research is aimed at increasing the efficiency of processes, the visibility of scientific production, the development of research capacities and social impact.

Progress was made in the updating and development of regulations, procedures and instructions related to research management, such as the formation of research groups, project management, incentives for scientific production and mechanisms for the recognition of research quality.

As part of the strategic strengthening of scientific information management, the implementation of RISE ECOTEC, an institutional platform based on Elsevier's Pure, was promoted, conceived as a comprehensive system to consolidate, make visible and project institutional research production.

This tool articulates in a single ecosystem the profiles of researchers, publications, projects, academic activities, collaborations and scientific results; which configures an institutional intelligence infrastructure that enhances decision-making, strengthens research traceability and amplifies the visibility of ECOTEC's scientific production at a national and international level.

Likewise, RISE ECOTEC centralizes strategic information for evaluation, monitoring, accreditation and participation in international rankings, which allows positioning the institutional research system and showing ECOTEC as a university committed to the generation, management and dissemination of scientific knowledge.

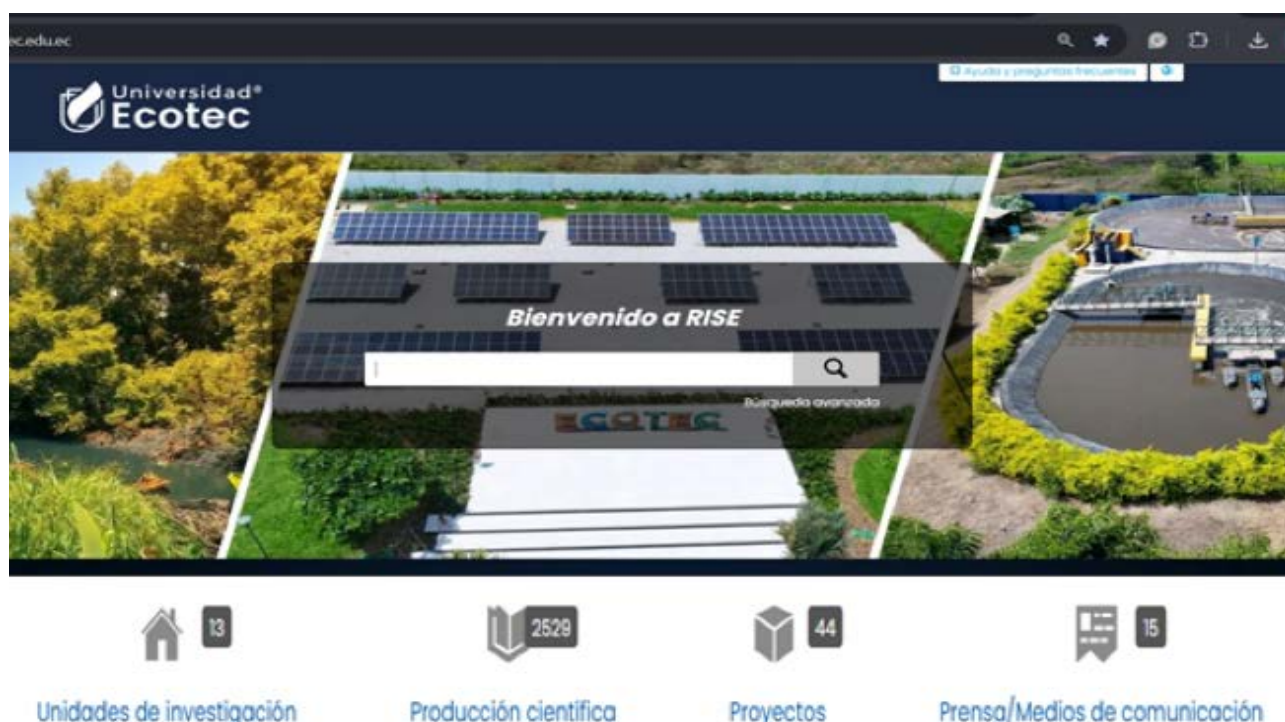


Figure 55. RISE ECOTEC Platform

In addition, communication and scientific dissemination strategies were promoted through digital media. In this sense, the institutional account of the Directorate of Research on Instagram is a key tool to expand the scope and visibility of research activities.



Figure 56. Research Directorate at Instagram (investigaecotec)

These actions are articulated with the implementation of mechanisms to support scientific publication, such as the definition of guidelines for the financing of publication costs (APC) and processes for categorizing researchers, aspects that influence the quality and impact of institutional scientific production.

In perspective, lines of projection have been defined aimed at strengthening scientific production, consolidating research projects and expanding the team of researchers. Among the main objectives are the increase in publications in high-impact databases, the incorporation of new researchers and the strengthening of editorial management, through indexing in recognized academic databases.

Overall, the actions developed demonstrate the institutional consolidation of research, characterized by the strengthening of the team of researchers, the sustained growth of scientific production and the structuring of a system aimed at the generation of relevant and quality knowledge.

3. Community Outreach

The link with society is a strategic axis for the Universidad Tecnológica ECOTEC, aimed at generating social impact through articulation with the needs of the environment. Through this substantive function, the active participation of students and teachers in processes of community intervention, knowledge transfer and capacity building in various population groups is promoted.

3.1. Community Outreach Outcomes and Impact

During the year 2025, there was evidence of a wide participation of the university community in activities of Community Outreach with society, through the development of projects, training programs and intervention actions in the territory.

The execution of twenty-nine projects was recorded, with the participation of more than 3,000 undergraduate students and more than 1,400 graduate students, as well as the intervention of more than one hundred teachers in academic support processes. The opening of new projects is evident, and the continuity of others initiated in previous periods.

These initiatives benefited almost 4,000 people from various population groups, especially in vulnerable contexts. The actions carried out addressed problems related to health, social inclusion, access to justice, strengthening entrepreneurship, community development and digital literacy.

3.2. Projects of Community Outreach

The projects developed during the year 2025 show a comprehensive intervention in various areas of knowledge, with the participation of the faculties and an approach aimed at addressing priority social problems.

In the area of health, initiatives were implemented to care for vulnerable groups, through physical rehabilitation programs, health promotion and strengthening of primary care, benefiting communities in Guayas.

In the legal and social field, projects were developed for legal advice and access to justice, as well as crime prevention and capacity-building programs for citizens, through institutional legal clinics.

In the area of entrepreneurship and economic development, business training programs, strengthening productive capacities and accompanying entrepreneurs to contribute to local economic development were promoted.

Likewise, initiatives aimed at digital transformation and education were implemented, focused on the development of digital skills, creation of open educational resources and democratization of knowledge.

Projects linked to social inclusion and community development were also executed, addressing issues such as the integration of the migrant population, strengthening of the social fabric, cultural promotion and recovery of community spaces.

Among the most representative projects are those aimed at bioremediation and environmental sustainability, the strengthening of entrepreneurial capacities, health care for priority groups and training in digital skills, which show the direct impact of the university on the environment. Annex C lists the Linking Projects with Society active in 2025.



Figure 57. Implementation of projects to link with society

3.3. Articulación Institucional y Convenios

The link with society is strengthened through articulation with strategic actors in the environment, through inter-institutional agreements that allow the scope and sustainability of the actions developed to be expanded.

Three cooperation agreements were signed for the implementation of joint projects:

- Strategic alliance agreement with the Municipal Public Company of Drinking Water and Sewerage of Guayaquil (EMAPAG EP), aimed at the development of initiatives related to environmental management and sustainability.

- Framework agreement of cooperation and strategic alliance with the Provincial Decentralized Autonomous Government of Guayas, focused on the articulation of territorial development and community strengthening actions.

- Framework agreement for inter-institutional cooperation with the Junta de Beneficencia de Guayaquil, aimed at the execution of projects of a social nature, especially in attention to vulnerable groups.

3.4. Training and Complementary Activities

Activities aimed at training and strengthening capacities in the community were developed, through courses, workshops and events of an academic and social nature. In this context, training programs were implemented for undergraduate and graduate students, focused on the development of competencies for community intervention, formulation of social projects and strengthening of communication skills.

In addition, community integration and Community Outreach activities were carried out, including social care days, training events and actions articulated with external actors, aimed at promoting well-being and citizen participation.

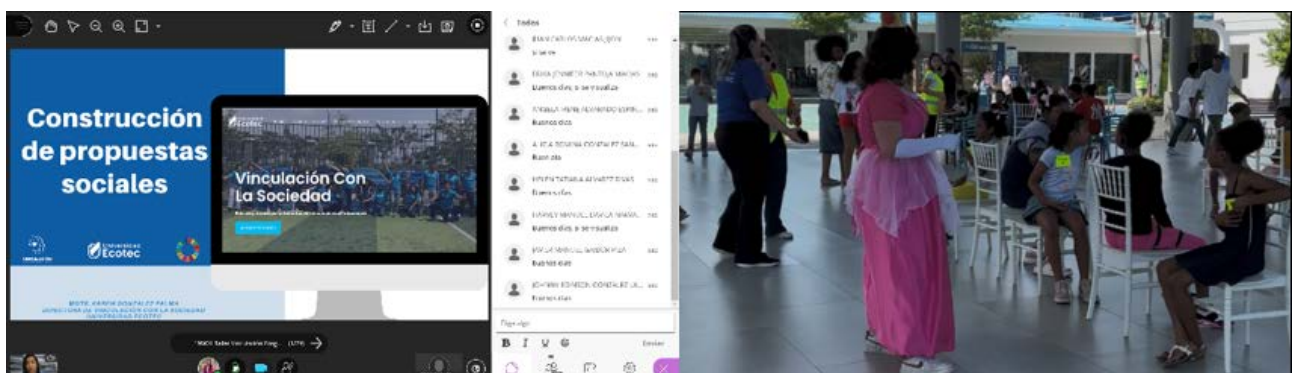


Figure 58. Training and community outreach activities

4. Professional Development

La línea estratégica de Desarrollo Profesional se orienta al fortalecimiento de competencias y al aprendizaje a lo largo de la vida, mediante la oferta de programas de formación dirigidos a profesionales, empresas e instituciones del sector público y privado. A través de esta línea de acción, se promueve la actualización permanente del talento humano y se fortalece la vinculación con el sector productivo.

4.1. Resultados e Impacto del Desarrollo Profesional

Durante el año 2025, se registró la ejecución de 70 eventos académicos, entre cursos, certificaciones, diplomados, programas especializados, talleres, actividades de integración y webinars. Estas iniciativas alcanzaron la participación de 2.189 profesionales, lo que evidencia la contribución al fortalecimiento de capacidades en diversos sectores.

Del total de eventos ejecutados, 33 corresponden a oferta abierta, con 1.221 participantes, mientras que 37 fueron programas desarrollados bajo la modalidad In Company, con 968 participantes, orientados a atender necesidades específicas de capacitación de organizaciones. En estas actividades se impartieron 1.305 horas de capacitación, correspondientes a la programación regular del área.

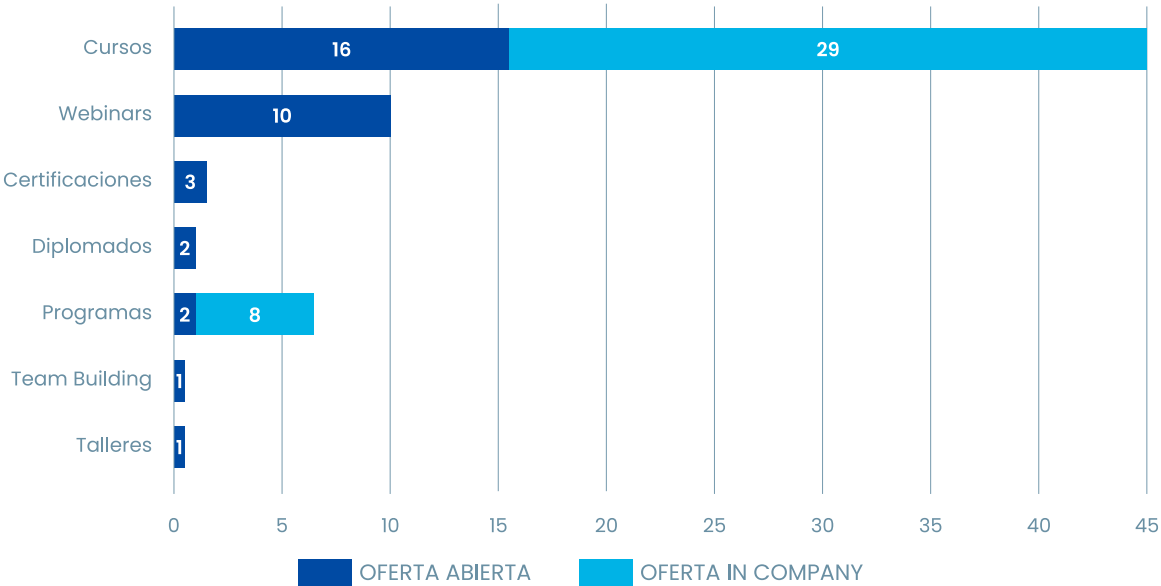


Figure 59. Professional Development Events by type of offer

A high level of satisfaction was achieved in the regular programming, with an average rating of 4.73 out of 5 (equivalent to 94.6% of the maximum rating). At the same time, a Net Promoter Score (NPS) of 80% was obtained, which reflects a high valuation and willingness to recommend the programs developed.

A large-scale training program was implemented for the Municipal Public Company SEGURA EP, through which 695 participants were trained, and 12,783 hours of training were provided. This program reached a satisfaction level of 4.88 out of five, higher than the average of the regular programming, which shows the academic quality and effectiveness of the training process developed in this context.

The institutional positioning of the vocational training offer is reflected in its wide territorial coverage; the participation of professionals from various provinces of the country, as well as from abroad, was registered. Together, these actions reflect the diversity and scope of professional development, combining a continuous academic offer with the execution of specialized programs of great magnitude.

4.2. Open Training Offer

The open training offer was aimed at professionals, entrepreneurs and the general public, for the updating and strengthening of skills in various areas of knowledge.

Programs were developed in the formats of courses, diplomas, certifications and webinars; A variety of topics related to artificial intelligence, data analytics, business management, communication, innovation, cybersecurity and leadership were addressed, in response to current trends in the professional environment.

The webinars were a relevant component of this offer, which allowed expanding the institutional scope through accessible and highly participatory training spaces. In addition, strategic alliances were established with institutions and companies, which contributed to strengthening the relevance and quality of the programs developed.



Figure 60. Strategic Corporate Communication Course

4.3. In Company Program Offer

The professional development programs under the In Company modality were aimed at meeting specific training requirements of companies and institutions, through the design of customized training proposals, adapted to their organizational needs and operational contexts. ECOTEC is positioned as a strategic ally of the productive sector, through the execution of programs aimed at organizations in the financial, industrial, commercial and service sectors.



Figure 61. Women Leadership and Influence Program (NOVACERO)

The training program for municipal control agents, developed for the Municipal Public Company SEGURA EP, was a representative experience due to its scope, level of structuring and articulation with the public sector.

This program was conceived as a comprehensive training process, with a view to the development of technical, operational and regulatory skills for applicants. Its design combined specialized content and applied methodologies, with the participation of an experienced teaching team in the areas of intervention.

The execution of this program involved the academic planning of multiple training modules, the coordination of a large team of teachers and the application of evaluation mechanisms aimed at ensuring the quality of the training process.

This project reinforces the role of the In Company modality as a space for articulation between academia and organizations, and is an example of the institutional capacity to design and implement large-scale training programs, respond to public procurement processes and develop training solutions aligned with the specific needs of the public sector.



Figure 62. Training Program for Aspiring Municipal Control Agents (SEGURA EP)

5. Sustainability

Sustainability is a strategic axis of the Universidad Tecnológica ECOTEC, which guides institutional management in academic, operational and infrastructure areas, in coherence with the Sustainable Development Goals (SDGs).

This approach has made it possible to consolidate an environmental culture and develop institutional capacities that are reflected in the positioning achieved in national and international certifications and rankings.

5.1. Awareness Campaigns

Environmental awareness campaigns were developed aimed at the university community, aimed at strengthening responsible habits and consolidating an institutional culture of sustainability.

These actions included the dissemination of content on relevant environmental dates, the promotion of the use of institutional collective transport to reduce emissions and the implementation of recycling campaigns within the campus.

As part of these initiatives, an internal recycling contest was held among faculties, promoting student participation and commitment to responsible waste management.

5.2. Environmental Projects

The institution has developed environmental projects aimed at reducing the institutional environmental impact and the efficient use of resources, through the implementation of sustainable infrastructure and energy, water and waste use systems.

In the energy field, the institutional solar park, made up of 2,500 photovoltaic panels, generated approximately 528,048 MWh of clean energy during 2025. This production reduced dependence on conventional sources, as it covered 55% of the campus' energy consumption.



Figure 63. ECOTEC Solar Park

Regarding the management of water resources, the Wastewater Treatment Plant processed around 120,000 m³ of wastewater, reused for the irrigation of green areas of the campus.

In terms of waste, 2,363.28 kg of recyclable materials were recovered. These actions are complemented by the operation of the comprehensive recycling system, the management of electronic waste through specialized alliances and the implementation of recycling points distributed on campus.

From a circular economy perspective, the institutional compost bin allows organic waste to be transformed into natural fertilizer, integrating sustainable processes within the campus.



Figure 64. Wastewater Treatment Plant

The environmental initiatives carried out during the period also include the operation of the institutional charging station, the participation of the Sustainability Club and the development of activities in the Green Projects Lab, promoting the participation of the university community in projects related to sustainability and environmental innovation.

5.3. Environmental Certifications and Sustainability Recognitions

The institutional environmental performance is supported by certifications, recognitions and external validations that demonstrate the consistency, maturity and sustainability of its environmental management model.

At the national level, the institution has established itself as the first university in Ecuador to obtain three "Green Point" certifications, granted by the Ministry of the Environment, Water and Ecological Transition. These certifications correspond to three strategic areas of institutional environmental management: energy, through the implementation of renewable energy generation systems through solar panels; water, through the operation of a wastewater treatment plant; and waste, through the management of organic waste in its composting processes.

The certifications respond to processes that are regularly audited and validated, which implies compliance with technical standards in energy efficiency, water management and circular economy.



Figure 65. Green Points Certification

At an international level, ECOTEC University has consolidated its position in sustainability through its participation in the UI GreenMetric ranking, one of the main global benchmarks in the evaluation of sustainable universities. In its 2025 edition, the institution reached first place nationally and 128th globally in this ranking, which evaluates key dimensions such as infrastructure, energy and climate change, waste management, water use, transportation, and education and research.



Figure 66. UI Green Metric Ranking 2025

The results obtained by ECOTEC show a balanced performance, with strengths particularly in the energy, water and education components, which are consistent with institutional investments in renewable energies, water management and sustainability training.

In addition, ECOTEC is part of international networks such as the International Sustainable Campus Network (ISCN), which reinforces its alignment with global university sustainability standards and promotes the exchange of good practices in environmental management.

Together, these certifications and recognitions demonstrate that sustainability at ECOTEC responds to a consolidated model, based on verifiable standards, audited processes and measurable results, which have allowed the university to position itself as a national benchmark in sustainability.

5.4. Knowledge Management in Sustainability

The development of technical studies of sustainability indicators is a key input for decision-making. Among the main studies carried out are analysis of the institutional carbon footprint, evaluation of energy efficiency and solar energy generation, water consumption and water efficiency, and study of forest biomass and carbon capture on the university campus.

These studies make it possible to measure institutional environmental performance and consolidate evidence-based management, aligned with strategic sustainability objectives.

6. Institutional Management, Resources and Infrastructure

6.1. Physical infrastructure (construction and remodeling)

The expansion and adaptation of the physical infrastructure have been a priority line of action, with the purpose of improving academic, student and administrative spaces, and consolidating safe and sustainable environments for the university community.

At the Samborondón Campus, progress was made in the implementation of the Sports Complex, conceived as an integral space for physical activity, recreation and student well-being. This infrastructure incorporates sustainability criteria, including solar energy generation systems and water reuse.

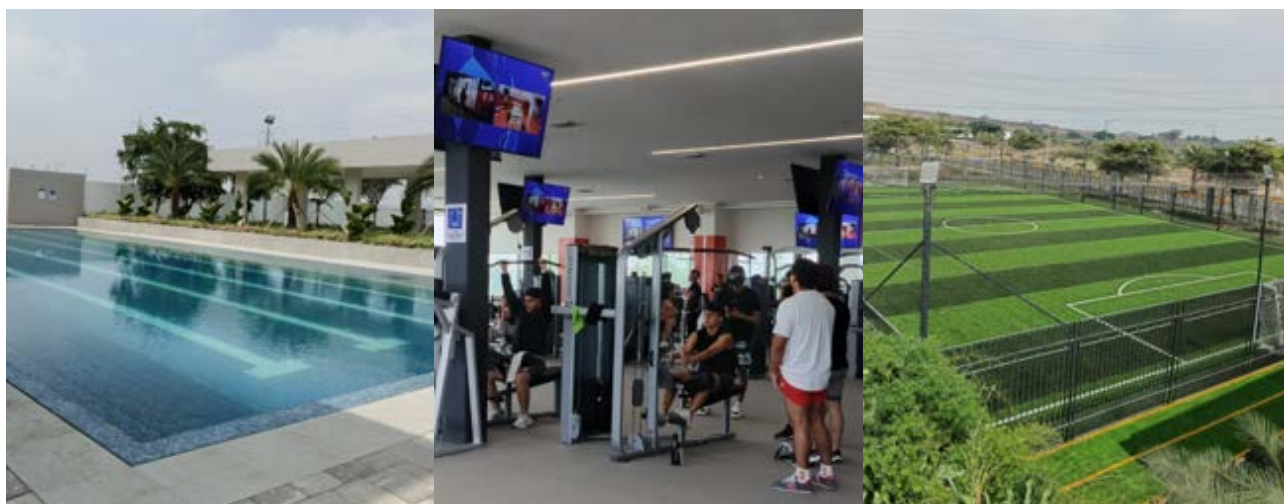


Figure 67. Sports Complex – Samborondón Campus

Improvements were also implemented in internal mobility through the construction of the "Central Station" Bus Terminal, which has sixty parking spaces for the Ecobus system and advanced security systems such as closed circuit surveillance, facial recognition and access controls. At the end of the year, this space was ready for its inauguration, which will strengthen security and the organization of transportation within the campus.



Figure 68. Central Station Bus Terminal – Samborondón Campus

In addition, the Networking Center was implemented, a space for the development of academic and institutional events. This infrastructure incorporates a main hall with capacity for three hundred people, a VIP lounge for 110 attendees, as well as complementary areas such as a hall and bar.

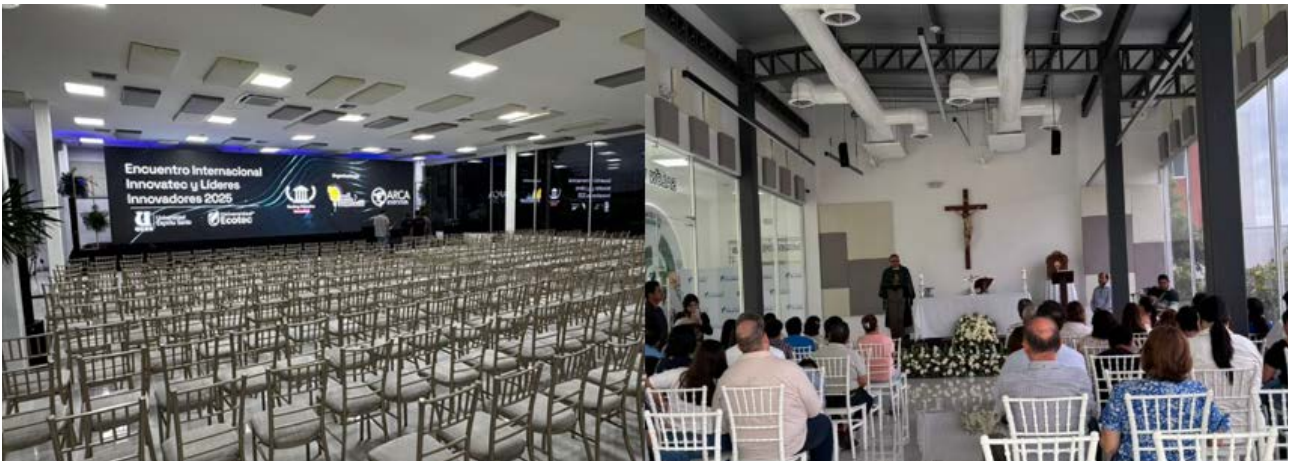


Figure 69. Networking Center – Samborondón Campus

Among the projects with the greatest impact is the construction of Building A, currently in the process of LEED certification, which incorporates criteria for energy efficiency, automation of spaces and sustainable management of resources. This infrastructure will have approximately 25,000 m² of construction, and will integrate hybrid classrooms, academic spaces, administrative areas and event rooms.



Figure 70. Construction of Building A – Samborondón Campus

En el Campus La Costa se implementaron laboratorios especializados en biología, bioquímica y morfología, destinados a las carreras de Veterinaria y Criminalística. Estos espacios disponen de equipamiento técnico para el desarrollo de actividades prácticas en condiciones acordes con los estándares de formación profesional.



Figure 71. Biology, Biochemistry and Morphology Laboratories – La Costa Campus

These interventions show a sustained process of investment in infrastructure, aimed at improving the quality of educational spaces, strengthening the student experience and supporting the development of the substantive functions of the university.

6.2. Technological Infrastructure

The Universidad Tecnológica ECOTEC has a technological infrastructure that supports academic and administrative processes through digital platforms, connectivity systems and technological services aligned with the needs of the face-to-face, hybrid and online modalities.

Academic digital ecosystem

The institutional technological infrastructure incorporates Blackboard Learn as a learning management platform (LMS), used to support academic activities in the different study modalities.

This platform is complemented by videoconferencing tools integrated through Class for Zoom, which facilitate the development of synchronous activities and interaction between teachers and students in virtual learning environments.



Figure 72. Video Conferencing Tools for virtual classes

Infrastructure and connectivity

The institutional technological infrastructure has server services and cloud solutions that guarantee availability, scalability and backup of institutional information.

In terms of connectivity, the university has Wi-Fi coverage on its campuses, traffic segmentation and centralized network management mechanisms. During the period, connectivity monitoring and management was strengthened through the use of Aruba Central, a cloud-based platform that allows monitoring and optimizing the performance of the institutional network in real time.

These tools improve the stability of digital services, and the management of devices and access within the university technological infrastructure.

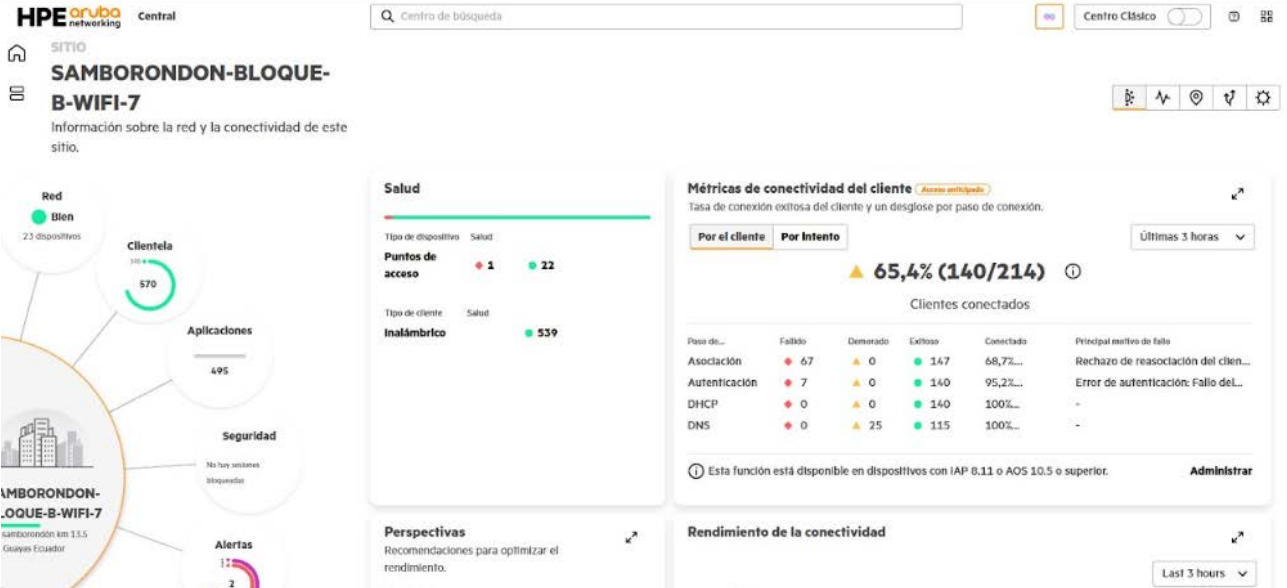


Figure 73. Aruba Central platform for enterprise network management

Security and operational continuity

The university maintains backup and disaster recovery systems, to ensure the continuity of critical services and the protection of institutional information. Access controls, system monitoring and computer security mechanisms aligned with good practices in technology management and data protection are also applied.

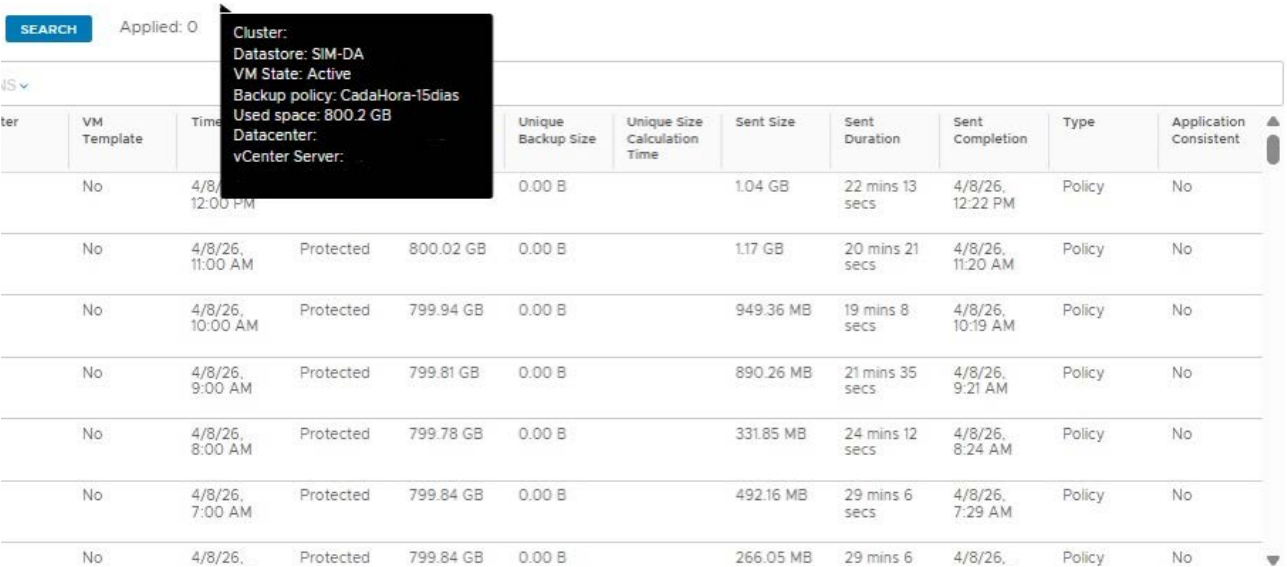


Figure 74. Institutional support and operational continuity system

Specialized technology labs

The institutional technological infrastructure includes computer laboratories equipped with specialized software for different areas of knowledge, to support the development of academic, experimental and practical activities. Among these spaces are laboratories oriented to simulation, multimedia production, applied technology and academic experimentation environments.



Figure 75. MedTech Laboratory – Samborondón Campus

6.3. Digital transformation

In 2025, digital transformation initiatives were developed aimed at modernizing institutional management and expanding the digitalization of academic and administrative services.

Digitalization and institutional automation

Digitization processes were expanded in areas related to enrollment, evaluations, academic monitoring and document management, to speed up the execution of procedures and reduce operational times in the different institutional services.

Workflow automation mechanisms and digital tools to support internal management were incorporated to improve the coordination of academic and administrative activities.

In the academic field, the integration of virtual platforms and synchronous interaction tools made it possible to consolidate technological support for hybrid and online modalities.

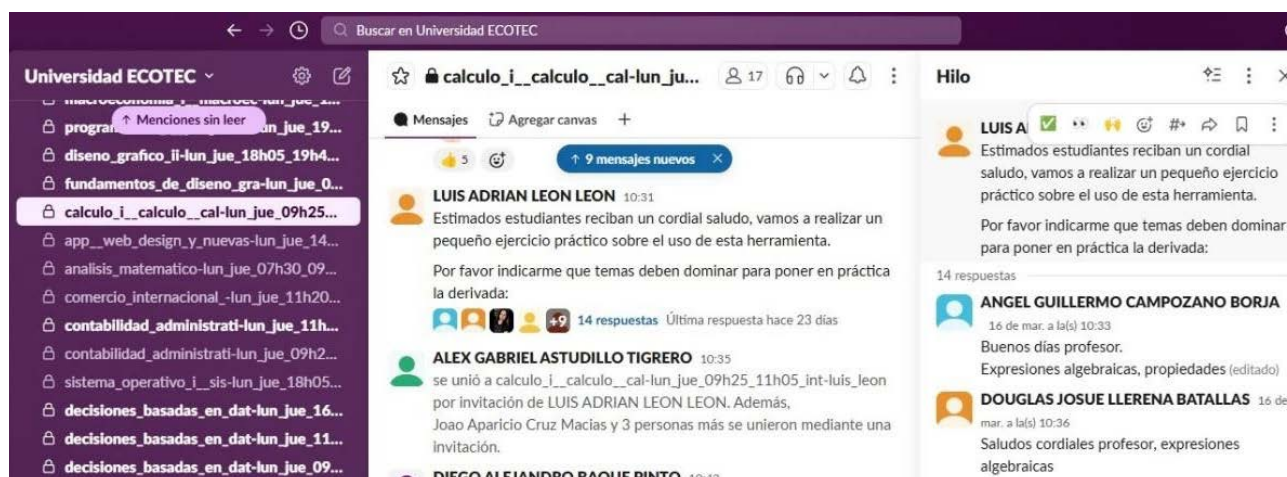


Figure 76. Digital tools for institutional management and collaborative communication

Innovation and digital services

As part of the technological innovation initiatives, the university incorporated solutions aimed at modernizing institutional services and strengthening the traceability of academic information.

Among these initiatives is the issuance of digital certificates based on blockchain technology, implemented through specialized platforms that allow validating the authenticity and traceability of the academic credentials issued by the institution.

In addition, institutional modernization projects were developed related to customer relationship management (CRM) tools for admission processes and the strengthening of collaborative platforms for communication and internal work.

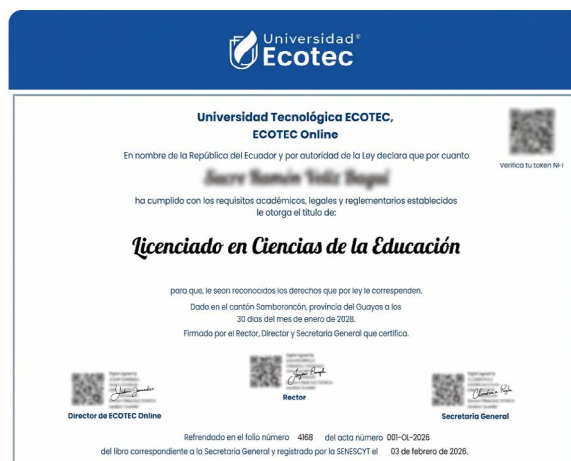


Figure 77. Digital certificates with blockchain technology

Digital security and information protection

In terms of digital security, authentication mechanisms and access protection to institutional platforms were strengthened.

In this context, progress was made in the proposal to implement double authentication schemes (2FA) for access to Blackboard, with institutional credentials complemented by secure verification mechanisms.

These actions seek to reinforce the authenticity of users, reduce the risk of identity theft and align with international best practices for security in educational digital environments.



Figure 78. Digital security mechanisms and institutional authentication

6.4. Human Talent Management

The Universidad Tecnológica ECOTEC developed actions aimed at strengthening the organizational climate, the well-being of its employees and the consolidation of an institutional culture based on trust, commitment and professional development.

During the 2025 period, the institution obtained the Great Place to Work certification for the period May 2025-May 2026, international recognition granted to organizations that meet standards related to work environment, organizational trust, and employee experience.

In addition, the university was included among The Best Places to Work for Women 2025, reaching sixth place nationally, a result that reflects institutional actions related to equity, inclusion and promotion of safe work environments.



Figure 79. Great Place to Work 2025 Certification

The university won second place in the Member Experience category, a recognition granted by the Guayaquil Chamber of Commerce to organizations outstanding for the quality of experience and institutional practices aimed at their employees.



Figure 80. Guayaquil Chamber of Commerce Award

6.5. Institutional Communication and Strategic Positioning

Marketing, communication and public relations management was a strategic axis to expand the visibility and recognition of ECOTEC University in the national and international competitive environment, and to strengthen its academic reputation, institutional visibility and global projection.

Strategies were implemented to develop institutional brands, aligned with the IMPACT educational model, with the aim of positioning ECOTEC as an innovative university, connected to the environment and relevant in the regional educational ecosystem.

In the field of strategic communication, a coherent and differentiated institutional narrative was consolidated, aimed at strengthening brand recognition and its value proposition, allowing increased visibility in the media, digital platforms and relevant academic spaces.

At the digital level, the optimization of recruitment channels made it possible to strengthen the marketing ecosystem, data-based management and the implementation of segmented advertising strategies, aimed at generating qualified leads and positioning the academic offer in target markets, both local and international.

As part of the evolution of the digital experience, the institutional website was redesigned, aligned with international standards of usability, accessibility and conversion, consolidating a platform aimed at improving the user experience and strengthening the acquisition processes.

Public relations management made it possible to expand links with the media, strategic allies, and academic and business actors, to increase institutional presence in higher education, innovation, and employability spaces.

Initiatives aimed at the international projection of the university were also promoted, to increase the visibility of its academic offer, its strategic alliances and its educational model in foreign markets.

These actions show a sustained process of strengthening institutional positioning, aimed at increasing brand recognition, improving the perception of academic quality and consolidating ECOTEC as a university with global projection, aligned with international higher education standards.

6.6. Institutional Quality Assurance

During the 2025 period, the Universidad Tecnológica ECOTEC carried out processes of evaluation, accreditation, institutional planning and information management, as part of the actions aimed at ensuring institutional quality.

The self-evaluation of twenty graduate programs in the fields of Business Education and Administration, Education and Law were carried out, as well as the beginning of the self-evaluation of the Nursing Undergraduate program. These activities generated input for the formulation and updating of plans for the improvement of academic units. At the same time, the monitoring of improvement plans in undergraduate and Graduate Studies programs derived from previous evaluation processes was continued.

In relation to the accreditation and external evaluation processes, preparatory activities were developed for international accreditation under ACBSP standards in undergraduate programs and for accreditation of graduate programs before the EQUAA agency.

Actions related to institutional preparation for international accreditation processes under SACSCOC standards were also initiated, including requirements analysis and institutional information gathering.

The processes of registration and validation of institutional data were carried out in the SIIES system and in international ranking platforms. In this context, the university was ranked 251–three hundred in the QS Latin America & Caribbean Ranking 2026, which represents a significant improvement over the previous period.

In the field of institutional planning, the Annual Operating Plan (POA) 2025 was monitored, which reached an overall execution of 92%. At the level of strategic axes, the highest levels of compliance were recorded in sustainability and innovation, Community Outreach with society and institutional management.

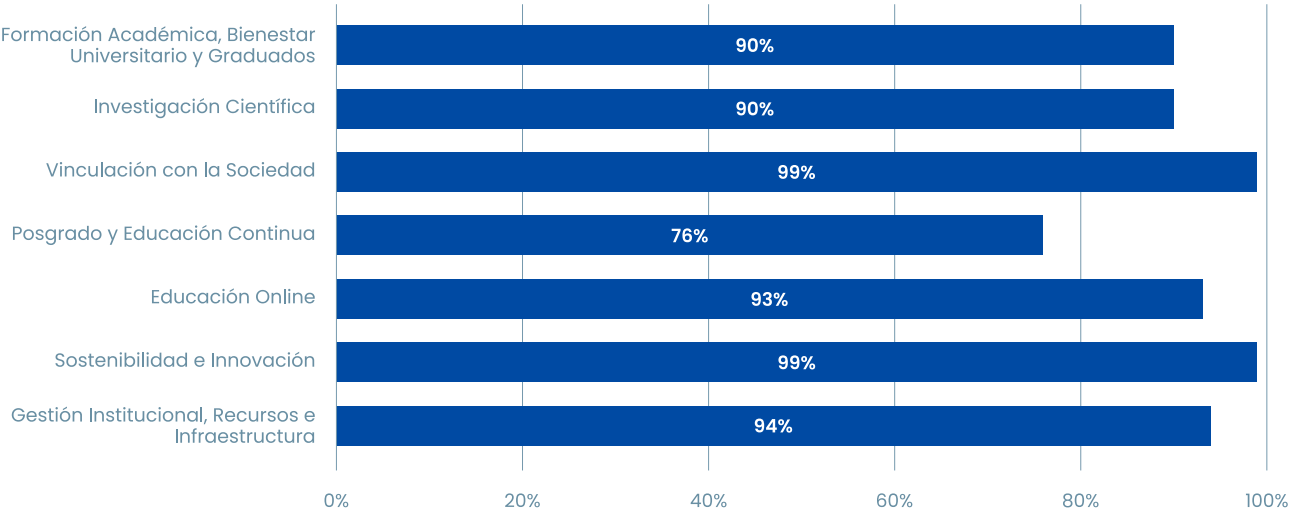


Figure 81. Level of execution of the 2025 POA by strategic axes

Appendices

Appendix A: Distinctions for Academic Performance

List of the Rector

No.	Name	School	Average
1	Recalde Monar Alejandra Anahi	Law and Governance	99,65
2	Cordova Pincay Aylen Victoria	Economics and Business Sciences	99,17
3	Antepara Huacon Santiago Jander	Economics and Business Sciences	99,16
4	Parada Coronado Maria Elizabeth	Communication, Humanities and Creativity	99,11
5	Carriel Lopez Jaime Daniel	Engineering, Architecture and Natural Sciences	98,90
6	Rodriguez Zambrano Genesis Lisbeth	Economics and Business Sciences	98,89
7	Vizhñay Pincay Norma Dolores	Economics and Business Sciences	98,89
8	Rodriguez Navarro Kyra Lisette	Communication, Humanities and Creativity	98,83
9	Escobar Palma Anahi Yamileth	Health Sciences and Human Development	98,73
10	Veintimilla Villegas Luis Alfredo	Engineering, Architecture and Natural Sciences	98,67
11	Rosas Mora Monica Jetshell	Communication, Humanities and Creativity	98,65
12	Montalvo Lopez Nicole Paola	Law and Governance	98,57
13	Castro Calderón Rebeca Noelia	Law and Governance	98,50
14	Toala Troya Felix Mathias	Engineering, Architecture and Natural Sciences	98,50
15	Falcones Veliz Kristel Mayllin	Communication, Humanities and Creativity	98,44
16	Dalgo Flores Cristhiany Elizabeth	Communication, Humanities and Creativity	98,40
17	Dalgo Flores Joffre Luis	Communication, Humanities and Creativity	98,40
18	Tamayo Solorzano Emely Daniela	Communication, Humanities and Creativity	98,35
19	Huertas Montenegro Sophia Valentina	Communication, Humanities and Creativity	98,33
20	Cedeño Tomala Danny Josue	Health Sciences and Human Development	98,20
21	Tenesaca Flores Ashley Ariadna	Engineering, Architecture and Natural Sciences	98,20
22	Arevalo Garcia Josue Ricardo	Law and Governance	98,00
23	Diaz Leon Shamira Amayrani	Law and Governance	97,90

Decan's List

No.	Name	School	Average
24	Gordillo Ipiates Angela Daniela	Communication, Humanities and Creativity	97,90
25	Gressely Aspiazu Shania Annette	Communication, Humanities and Creativity	97,90
26	Cevallos Gamboa Justin Javier	Economics and Business Sciences	97,86
27	Jacome Friend Hugo Gabriel	Economics and Business Sciences	97,85
28	Largo Morocho Adriana Alexandra	Engineering, Architecture and Natural Sciences	97,82
29	Tomala Zambrano Stefanny Del Rocio	Health Sciences and Human Development	97,82
30	Peña Suarez Gabriela Veronica	Communication, Humanities and Creativity	97,78
31	Cisneros Wah Hing Juan Francisco	Communication, Humanities and Creativity	97,73
32	Murillo Castro Jose Miguel	Health Sciences and Human Development	97,71
33	Carvajal Calderon Melanie Geovanna	Communication, Humanities and Creativity	97,70
34	Leon Solis Domenica Pierina	Economics and Business Sciences	97,65
35	Jimenez Quinto Guido Alain	Economics and Business Sciences	97,63
36	Yanez Erazo Alberto Jimmy	Engineering, Architecture and Natural Sciences	97,61

List of the Rector

No.	Name	School	Average
37	Jaramillo Sanabria Miguel Antonio	Economics and Business Sciences	97,60
38	Loayza Balladares Vanessa Alexandra	Law and Governance	97,60
39	Yulan Fienco Vanesa Jacqueline	Law and Governance	97,60
40	Sanchez Novillo Gabriel Enrique	Engineering, Architecture and Natural Sciences	97,57
41	Peralta Melendres Nahomi Ayllis	Communication, Humanities and Creativity	97,56
42	Celleri Vincent Allan Fernando	Economics and Business Sciences	97,54
43	Tigua Vera Maria De Los Angeles	Economics and Business Sciences	97,50
44	Ruiz Castro Katya Allison	Communication, Humanities and Creativity	97,45
45	Mendez Nieto Nohelia Paola	Communication, Humanities and Creativity	97,44
46	Ortiz Ramirez Domenica -	Law and Governance	97,40
47	Sanchez Guaman Mariana Elizabeth	Communication, Humanities and Creativity	97,40
48	Montalvo Perez Maria Andrea	Communication, Humanities and Creativity	97,33

No.	Name	School	Average
49	Barreiro Beltran Isabella	Communication, Humanities and Creativity	97,30
50	Garcia Flores Paulina Alejandra	Law and Governance	97,30
51	Mendoza Mosquera Paula Carolina	Law and Governance	97,30
52	Urgiles Naranjo Alberto Daniel	Communication, Humanities and Creativity	97,30
53	Barreiro Gonzalez Jimi Emmanuel	Economics and Business Sciences	97,29
54	Alvarado Cantos Melina Nicole	Engineering, Architecture and Natural Sciences	97,27
55	Ramirez Caceres Raul Eduardo	Law and Governance	97,27
56	Carranza Solis Cristina Ariana	Communication, Humanities and Creativity	97,25
57	Encalada Presilla Hilda Yalile	Health Sciences and Human Development	97,20
58	Toledo Leon Diana Estefania	Health Sciences and Human Development	97,20
59	Garcia Velasco Maria Belen	Engineering, Architecture and Natural Sciences	97,18
60	Vivas Sotomayor Ericka Gabriela	Communication, Humanities and Creativity	97,18
61	Torres Pico Nagely Solange	Economics and Business Sciences	97,17
62	Barriga Perez Luciana Valentina	Health Sciences and Human Development	97,14
63	Tavarez Rodriguez Alejandra Isabel	Law and Governance	97,13
64	Torres Portilla Maria Alejandra	Communication, Humanities and Creativity	97,11
65	Baquero Malave Natasha Nicole	Communication, Humanities and Creativity	97,10
66	Lentefuela Medina Emily Valeska	Health Sciences and Human Development	97,10
67	Morales Diaz Madeleine Denisse	Communication, Humanities and Creativity	97,09
68	Torres Galeas Aitana Daniela	Economics and Business Sciences	97,08
69	Chiluisa Guisha Evelyn Dayana	Economics and Business Sciences	97,06
70	Mejia Huacon Kevin Javier	Law and Governance	96,95
71	Vargas Solorzano Jerome Israel	Engineering, Architecture and Natural Sciences	96,92
72	Espin Daza Ruth Elizabeth	Economics and Business Sciences	96,90
73	Lazo Usey Melanie Nicole	Health Sciences and Human Development	96,90
74	Osorio Proaño Paula Daniella	Communication, Humanities and Creativity	96,89
75	Salas Fadul Diego Andree	Economics and Business Sciences	96,82
76	Chuya Vera Alison Samantha	Economics and Business Sciences	96,80
77	Franco Gonzalez Isabela Anahi	Communication, Humanities and Creativity	96,80

No.	Name	School	Average
78	Alvarez Diaz Esther Nathalia	Economics and Business Sciences	96,78
79	Vivero Delgado Noemi Milena	Law and Governance	96,75
80	Vargas Nivicela Michelle Estefania	Economics and Business Sciences	96,72
81	Ruilova Caval Maria Fernanda	Law and Governance	96,71
82	Lapo Muñiz Michael Hernan	Economics and Business Sciences	96,70
83	Ponton Jaramillo Bianca Ruth	Communication, Humanities and Creativity	96,70
84	Toro Ezeta Daniela Azucena	Communication, Humanities and Creativity	96,70
85	Velasco Davila Jose Xavier	Health Sciences and Human Development	96,70
86	Cervantes Alvarado Norkis Fernanda	Law and Governance	96,67
87	Riera Machuca Camila Ginnevrá	Economics and Business Sciences	96,67
88	Suarez Molina Vilma Daviana	Health Sciences and Human Development	96,67
89	Almarza Zambrano Ruth Daniela	Communication, Humanities and Creativity	96,64
90	Malo Gomez Paulina Rosa	Law and Governance	96,56
91	Sanchez Mendez Luisa Maria	Communication, Humanities and Creativity	96,55
92	Barberan Mosquera Melanie Elisa	Health Sciences and Human Development	96,54
93	Icaza Intriago Giuliana Gabriela	Economics and Business Sciences	96,50
94	Torres Betancourt Maria Mercedes	Health Sciences and Human Development	96,49
95	Espinoza Freire Connie Genesis	Economics and Business Sciences	96,46
96	Vargas Rodriguez Josmary Yairely	Engineering, Architecture and Natural Sciences	96,42
97	Cardenas Reyes Leslie Julissa	Economics and Business Sciences	96,40
98	Salcedo Garay Daniela	Health Sciences and Human Development	96,40
99	Guevara Tapia Daniela Paulete	Communication, Humanities and Creativity	96,36
100	Sarabia Espin Nelly Alejandra	Economics and Business Sciences	96,36
101	Urueta Falconi Keyra Domenica	Law and Governance	96,36
102	Vera Bohorquez Yadira Dayanna	Engineering, Architecture and Natural Sciences	96,34
103	Allauca Briones Sebastian Emilio	Engineering, Architecture and Natural Sciences	96,33
104	Mazabanda De La Torre Milena Lissette	Communication, Humanities and Creativity	96,33
105	Barreiro Gonzalez Maria Daniela	Communication, Humanities and Creativity	96,29
106	Peña Valdano Estefania	Health Sciences and Human Development	96,23

No.	Name	School	Average
107	Coloma Escobar Domenica Lisett	Health Sciences and Human Development	96,22
108	Peñafiel Alvarado Fiorella Lisette	Economics and Business Sciences	96,20
109	Sánchez Chávez Dana Cristina	of Law and Governance	96,20
110	Cadena Velasquez Diego Andres	Economics and Business Sciences	96,17
111	Peralta Yagual Fiorella Katherine	Communication, Humanities and Creativity	96,17
112	Cabrera Reyes Ana Cristina	Communication, Humanities and Creativity	96,11
113	Vasquez Rodriguez Liz Xaviera	Health Sciences and Human Development	96,11
114	Vinces Marin Aurora Isabel	Law and Governance	96,11
115	Álava Reyes Andrea Dayanara	Economics and Business Sciences	96,10
116	Montesdeoca Castro Arianna Cecilia	Health Sciences and Human Development	96,10
117	Garcia Villavicencio Joselyn Andrea	Health Sciences and Human Development	96,09
118	Ortega Avila Arelys Fabiana	Communication, Humanities and Creativity	96,08
119	Carrion Coello Cristhian Ricardo	Health Sciences and Human Development	96,06
120	Matamoros Pazmiño Alexa Valentina	Health Sciences and Human Development	96,05
121	Medina Badillo Jorge Luis	Global Studies and Hospitality	96,05
122	Chango Macias Carlos Alfredo	Economics and Business Sciences	96,00
123	Coloma Gresely Madelyne Stephania	Health Sciences and Human Development	96,00
124	Espinoza Cervantes Emily Dayanna	Communication, Humanities and Creativity	96,00
125	Mato Molina Jimmy Sebastian	Engineering, Architecture and Natural Sciences	96,00
126	Molina Maldonado Andrea Nicole	Law and Governance	96,00
127	Moncayo Araujo Dahiana Samira	Communication, Humanities and Creativity	96,00
128	Rivadeneira Pacheco Fabianna Nicolle	Health Sciences and Human Development	96,00
129	Galarza Martinez Joel Vicente	Engineering, Architecture and Natural Sciences	95,97
130	Guerra Zuñiga Martina Adelaida	Health Sciences and Human Development	95,96
131	Garcia Miranda Susana Marisol	Communication, Humanities and Creativity	95,92
132	Barros Díaz Antonella Brigitte	Communication, Humanities and Creativity	95,91
133	Toledo Peñafiel Angie Valeska	Economics and Business Sciences	95,91
134	Macias Ramos Liskeyla Waleska	Economics and Business Sciences	95,90
135	Passailaigue Jimenez Ernesto Andres	Economics and Business Sciences	95,90

No.	Name	School	Average
136	Flores Anchundia Flavia Jeanneth	Engineering, Architecture and Natural Sciences	95,89
137	Merelo Román María Belén	of Communication, Humanities and Creativity	95,89
138	Merelo Roman Maria Belen	Communication, Humanities and Creativity	95,89
139	Narvaez Romero Stephany Lucia	Economics and Business Sciences	95,88
140	Londoño Guevara Sofia .	Law and Governance	95,86
141	Valarezo Flores Miguel Angel	Economics and Business Sciences	95,85
142	Becerra Dominguez Ariana Gisell	Economics and Business Sciences	95,82
143	Jimenez Morales Giulliana Domenica	Communication, Humanities and Creativity	95,82
144	Sanchez Solis Jose Johnny	Engineering, Architecture and Natural Sciences	95,82
145	Vera Carrasco Carolina Andrea	Communication, Humanities and Creativity	95,82
146	Macias Villavicencio Carla Alejandra	Health Sciences and Human Development	95,81
147	Montaleza Romero Ariana Salomé	Communication, Humanities and Creativity	95,80
148	Quimi Molina Anabelle Aracely	Communication, Humanities and Creativity	95,80
149	Ramos Armijos Arllys Marisleysi	Communication, Humanities and Creativity	95,80
150	Villacres Espinoza Rosa Marina	Health Sciences and Human Development	95,80
151	Franco Contreras Jenny Nicole	Communication, Humanities and Creativity	95,78
152	Romero Chuico Kristel Nicole	Economics and Business Sciences	95,78
153	Villanueva Chavez Emilly Ivett	Communication, Humanities and Creativity	95,78
154	Guaman Torres Keyla Johanna	Health Sciences and Human Development	95,77
155	Ponce Barzallo Lisette Nicole	Economics and Business Sciences	95,77
156	Torres Betancourt Allison Stephania	Health Sciences and Human Development	95,75
157	Zambrano Segura Angee Jorleny	Economics and Business Sciences	95,72
158	Ichina Palomeque Holger Sebastian	Health Sciences and Human Development	95,71
159	Pinargote Leal Melany Katuska	Law and Governance	95,71
160	Almeida Ronquillo Melissa Nicole	Health Sciences and Human Development	95,69
161	Bravo Burgos Juliana Rosmery	Health Sciences and Human Development	95,67
162	Castello Arteaga Daphne Isabella	Law and Governance	95,67
163	Jurado Quinde Katheleen Jael	Communication, Humanities and Creativity	95,67
164	Rodriguez Yagual Karen Dalexy	Engineering, Architecture and Natural Sciences	95,67

No.	Name	School	Average
165	Collahuazo Romero Alexi Ricardo	Engineering, Architecture and Natural Sciences	95,65
166	Romero Meythaler Rebecca Milene	Health Sciences and Human Development	95,60
167	Jordan Uquillas Tiffany Andrea	Engineering, Architecture and Natural Sciences	95,56
168	Larrea Carrasco Sheyla Gianella	Health Sciences and Human Development	95,55
169	Vera Rodriguez Jenna Jael	Health Sciences and Human Development	95,55
170	Mora Alvarez Lucia Scarlet	Economics and Business Sciences	95,53
171	Valarezo Moncada Genesis Alexandra	Economics and Business Sciences	95,53
172	Chiriboga Veliz Hevert Hernan	Engineering, Architecture and Natural Sciences	95,50
173	Saenz De Viteri Cedeño Valeria Nicole	Health Sciences and Human Development	95,50
174	Gaston Vera Samir Alexander	Law and Governance	95,46
175	Casquete Valenzuela Brigitte Naomy	Economics and Business Sciences	95,45
176	Flores Velez Maria Fernanda	Law and Governance	95,45
177	Beltran Bonete Samantha Gabriela	Communication, Humanities and Creativity	95,44
178	Rodriguez Del Pezo Jorge Anthony	Communication, Humanities and Creativity	95,44
179	Velastegui Paredes Carlos Alejandro	Economics and Business Sciences	95,44
180	Ordosgoitia Murillo Andrea Estefania	Engineering, Architecture and Natural Sciences	95,43
181	Franco González Yaritza Geanella	Law and Governance	95,40
182	Parra Aspiazu Isabella Alejandra	Economics and Business Sciences	95,40
183	Sancan Peñaloza Ivis Lisbeth	Law and Governance	95,38
184	Troya Tomala Genesis Cristina	Economics and Business Sciences	95,35
185	Sanchez Calderon Veronica Lorena	Economics and Business Sciences	95,33
186	Faustos Araujo Britney Allison	Economics and Business Sciences	95,32
187	Alcivar Garcia Jeimy Andrea	Engineering, Architecture and Natural Sciences	95,30
188	Burgos Valero Ricardo Moises	Economics and Business Sciences	95,30
189	Ramirez Ortiz Estefania Del Rocio	Communication, Humanities and Creativity	95,30
190	Avila Vera Genesis Abigail	Economics and Business Sciences	95,29
191	Estrada Alvarado Camila Jelena	Health Sciences and Human Development	95,28
192	Carriel Zavala Denisse Elena	Global Studies and Hospitality	95,27

No.	Name	School	Average
193	Tamay Alban Erick Daniel	Engineering, Architecture and Natural Sciences	95,27
194	Jurado Obregon Emily Nicole	Economics and Business Sciences	95,25
195	Salinas Alvarado Nathaly Yajaira	Health Sciences and Human Development	95,20
196	Villota Cordova Steven Raul	Communication, Humanities and Creativity	95,20
197	Estrella Sibri Daniela Lisbeth	Health Sciences and Human Development	95,17
198	Flores Rabascall Juan Jose	Law and Governance	95,15
199	Arteaga Quijije Ariana Valentina	Law and Governance	95,13
200	Chiluisa Guisha Katherine Lisbeth	Economics and Business Sciences	95,11
201	Maldonado Pólit Camila Alejandra	Communication, Humanities and Creativity	95,11
202	Montece Abril Dario Javier	Law and Governance	95,11
203	Pluas Zamora Daffne Lineth	Economics and Business Sciences	95,11
204	Ramirez Paez Melanie Pamela	Communication, Humanities and Creativity	95,11
205	Pasiche Jara Pierina Jade	Economics and Business Sciences	95,08
206	Tito Alvarez Angela Senen	Law and Governance	95,07
207	Reyes Castro Nathalia Carolina	Economics and Business Sciences	95,05
208	Moreno Velasco Catalina Alexandra	Health Sciences and Human Development	95,04
209	Quevedo Bustos Jenniffer Stefania	Economics and Business Sciences	95,00

Annex B: Active Research Projects in 2025

Projects Approved in 2025

No.	Project Name	School	Director	Participants	Expected Results
1	Nano sensors optimized for health, industry and environment	Health Sciences and Human Development	Cristian Vacacela Gómez, Ph. D.	One internal researcher / 5 external researchers	To develop a validated platform for the design of TRL-3 nano sensors with strategic applications in health, industry and the environment.
2	Impact of the Pentavalent Vaccine on Child Protection: Scientific Evidence from the Canton of Samborondón	Health Sciences and Human Development	Dra. Vilma Raffo Babici, Mgtr., Ph. D. (c).	6 Internal Investigators	Estimation of the effectiveness of the pentavalent vaccine to offer recommendations in the optimization of vaccination policies, morbidity, mortality and protective antibody analyses will be carried out.
3	Gut microbiota in high-performance athletes in Ecuador	Life Sciences and Human Development	Raynier Zambrano Villacres, ND., Mgtr., Ph. D. (c).	One internal researcher / 4 external researchers	It generates a base of microbial diversity in Ecuadorian athletes through the identification of fatty acid-producing bacteria to obtain nutritional bases with precision, probiotic supplementation and sustainable sports policies.
4	NICU_SEQ: Pilot Implementation of Genomic Sequencing (Rapid Whole Exome Sequencing (rWES) and Low Coverage Whole Genome) for the Etiological Diagnosis in Hospitalized Neonates in Ecuador	Health Sciences and Human Development	Gabriel Morey León, Ph. D.	One internal researcher / 6 external researchers	Implement a pilot clinical-genomic flow to accelerate the etiological diagnosis of critically ill neonates through the rapid identification of local genetic variants associated with diseases not explained by acquired causes and to support the adoption of neonatal genomic medicine in Ecuador.
5	Diagnosis and Prevalence of Nutritional Risk in Adult and Older Adult Patients in Critical Care Units: A Multicenter Study	Health Sciences and Human Development	Jasser Andrés Palacios Guzmán, Mgtr.	Five internal researchers / 2 external researchers	To establish a multicenter protocol for the early detection of the risk of malnutrition in critically ill patients to improve clinical decision-making in the ICU of Guayaquil.

No.	Project Name	School	Director	Participants	Expected Results
6	Analysis of vulnerability to climate change in Latin American agriculture: the cases of Ecuador and Brazil	Economics and Business Sciences	Elena Piedra Bonilla, Ph. D.	Three internal researchers / 3 external researchers	To generate a comparative tool for diagnosing and prioritizing climate vulnerability to guide agricultural adaptation strategies and public policy decisions in Ecuador and Brazil. Q1 Publications.
7	EVA-AI: Artificial Neural Network for Tax Evasion Detection in Latin America	Economics and Business Sciences	Ana María Padrón, Ph. D.	Two internal researchers / 7 external researchers	Develop an AI-based early warning system to detect patterns of tax evasion and support tax risk analytics in Latin America.
8	NEUROGAME: Computerized Cognitive Training in Inhibitory Control and Its Transfer Effects: A Longitudinal Study with Dynamic Assessment and Mediation of Private Speech	Communication, Humanities and Creativity	Daniel Alfonso Oleas Rodríguez, Mgtr.	Two internal researchers / 2 external researchers	To develop and validate a gamified prototype of cognitive training to strengthen inhibitory control and self-regulation in university contexts, with transfer to education and mental health.
9	Digital Communication and social media: Usage Patterns, Motivations, and Their Impact on Ecuadorian Youth Interaction	Communication, Humanities and Creativity	Gonzalo López-Barranco Pardo, Mgtr.	Four internal researchers / 4 external researchers	To design communicative interventions that favor a healthier, more critical and contextualized digital interaction of young people in Ecuador.
10	Laboratory of technologies applied in the prevention of addictions in the educational field	Communication, Humanities and Creativity	María Belén Morales Cevallos, Ph. D.	One internal researcher / 6 external researchers	To validate a technological model for addiction prevention in educational environments through virtual reality, gamification and mobile applications.
11	Methodological Framework for Symbolic-Emotional Architectural Evaluation (SEAE)	Engineering, Architecture and Natural Sciences	Jesús Hechavarría Hernández, Ph. D.	Three internal researchers / 1 external researcher	To establish a methodology to evaluate the symbolic-emotional dimension of architectural spaces and guide decisions on design, urban management and institutional transfer.

No.	Project Name	School	Director	Participants	Expected Results
12	LAB AI & UX for Education: Transforming Higher Education through AI and Student-Centered Design	Engineering, Architecture and Natural Sciences	Ing. Luis Núñez Quezada, Mgtr.	Two internal researchers / 1 external researcher	Implement an institutional model of educational innovation based on AI and UX that improves learning outcomes and is scalable to different subjects and faculties. Expected Products: AI Tutor, AI Teaching Assistant and institutional dashboard for decision-making.
13	Neutrosophical Techno-Narrative Model for Architecture (NTM)	Engineering, Architecture and Natural Sciences	Jesús Hechavarría Hernández, Ph. D.	Four internal researchers / 3 external researchers	To validate a neutral techno-narrative model that allows architecture to be evaluated from symbolic, emotional and multi-criteria criteria with the potential for academic and professional adoption.
14	Taxonomic characterization of microbial communities in water and sediments of the Estero Salado de Guayaquil using a metagenomic approach	Engineering, Architecture and Natural Sciences	Iris Pérez Almeida, Ph. D.	One internal researcher / 1 external researcher	Metagenomic monitoring to identify bioindicators of environmental quality and strengthen the ecological management of the Estero Salado de Guayaquil.
15	One Health in Action: Impact of Dog-Assisted Therapy on Biomarkers of Stress and Mental Health Outcomes in Anticipatory Bereavement and Patients with Hospital Depression – Multicenter Study in Guayaquil (SOLCA-INC-INSPI-ECOTEC)	Engineering, Architecture and Natural Sciences	Alberto Orlando Narváez, Ph. D.	One internal researcher / 7 external researchers	To provide local clinical evidence to incorporate dog-assisted therapy as an adjuvant intervention in mental health under the One Health approach.
16	Pilot project in the control of zoonoses in urban-rural communities: diagnosis, surgery and education in Puerto Hondo under the One Health approach	Engineering, Architecture and Natural Sciences	Alberto Orlando Narváez, Ph. D.	Six internal researchers / 3 external researchers	Implement a community-based zoonosis control model under the One Health approach to reduce health risks in urban-rural communities.

No.	Project Name	School	Director	Participants	Expected Results
17	SUS-BOOST: Sustainable valorization of agro- waste into bio-based products via green technologies	Engineering, Architecture and Natural Sciences	Viviana Bressi, Ph. D.	One internal researcher / 4 external researchers	Transformation of agro-industrial cocoa and citrus waste into high-value bio-based products using green technologies.
18	Biofeedback- Based Assessment Neuroarchitectural Platform (BDNEP)	Engineering, Architecture and Natural Sciences	Jesús Hechavarría Hernández, Ph. D.	Four internal researchers / 1 external researcher	Biofeedback-based neuroarchitectural assessment platform to guide the design of spaces focused on human experience.

Proyectos Institucionalizados en 2025

No.	Project Name	School	Director	Participants	Expected Results
1	Structural Chemical Modification of Synthetic Pesticides by (Photo)Homogeneous and Heterogeneous Catalysis in a Continuous Flow Reactor to Improve Biological Activity against Phytopathogens	Engineering, Architecture and Natural Sciences	Rafael Luque, Ph. D. (ECOTEC) / Joan Vera, Ph. D. (ESPOL)	Six internal researchers / 6 external researchers	To develop a catalytic and photocatalytic platform in continuous flow to obtain modified pesticides with greater biological activity against phytopathogens and lower environmental impact.
2	Antimicrobial resistance in E. coli and spatio-temporal changes in the microbial diversity of urban mangroves under restoration in Guayaquil	Engineering, Architecture and Natural Sciences	Rafael Luque, Ph. D. (ECOTEC) / Marcos Larrea, Ph. D. (UEES)	Six internal researchers / 2 external researchers	Implement a One Health environmental surveillance model for antimicrobial resistance in urban mangroves in Guayaquil, integrating E. coli ESBL, resistance/virulence genes, and sediment microbiome to guide ecological restoration and public health.
3	Evaluation of efficiency and feasibility of chemical, physical-chemical and/or biological treatments for the removal of microplastics	Engineering, Architecture and Natural Sciences	Kelvin Adrián Sanoja, Eng. (ECOTEC) / Silvia Ponce, Ph. D. (University of Lima)	Four internal researchers / 6 external researchers	Validate and prioritize chemical, physical-chemical and biological treatments to remove microplastics in aqueous matrices, with comparative criteria of efficiency, cost, sustainability and the possibility of decentralized application.
4	Cultivar selection and conservation of genetic identity of starchy maize (Zea mays L.) varieties in the province of Tayacaja	Engineering, Architecture and Natural Sciences	Iris Betzaida Pérez Almeida, Ph. D. - (ECOTEC) / Pedro José García Mendoza, Ph. D. - National Autonomous University of Tayacaja (UNAT)	One internal researcher / 3 external researchers	Development and validation of improved cultivars of starchy maize Zea mays L, with high genetic potential to strengthen the productivity and profitability of the local agro-productive chain and preserve the genetic diversity of Andean maize.
5	Applications for Artificial Intelligence Transforming Accounting, Financial, and Auditing Processes	Economics and Business Sciences	Betty De La Hoz Suárez, Mgtr. (ECOTEC) / Ismael Felipe Luna, Mgtr. (Universidad Cooperativa de Colombia)	One internal researcher / 5 external researchers	Diagnosis of the adoption, benefits, risks and limitations of artificial intelligence in accounting, financial and auditing processes, aimed at guidelines for professional digital transformation and improvement of efficiency in accounting firms.

No.	Project Name	School	Director	Participants	Expected Results
6	Socio-emotional factors as predictors of mental health in university students	Communication, Humanities and Creativity	Daniel Oleas Rodríguez, Mgtr. (ECOTEC) / Esteban Moreno Montero, Ph.D. (PUCESA)	One internal researcher / 3 external researchers	To build a multifactorial predictive model of mental health in Ecuadorian university students, identifying priority socio-emotional variables for prevention, intervention and institutional decision-making.

Appendix C: Projects of Community Outreach active in 2025

No.	Project Title	School	Participants	Results
1	Formation of community first response brigades (BPRC) for risk prevention and collective security in Guayas	Engineering, Architecture and Natural Sciences	Forty-one students / 2 guide teachers / 60 direct beneficiaries	Formation of community first response brigades in the parish of Tarifa.
2	Legal advice and consulting for subsistence and personal development aimed at the community in a state of vulnerability in accompaniment to the ECOTEC Guayaquil and Samborondón legal clinics	Law and Governance	Eighty-nine students / 4 guide teachers / 700 direct beneficiaries	Dissemination of legal information to the populations of Guayaquil and Samborondón, aligned with the axes of the ECOTEC Legal Clinic.
3	Business training for the strengthening of small agricultural producers' businesses in the province of Guayas	Economics and Business Sciences	148 students / 3 guide teachers / 230 direct beneficiaries	Creation of the three volumes of the Agrodatos 2024 Bulletin, aimed at agricultural producers in the province of Guayas.
4	Social inclusion of migrant beneficiaries of various NGOs in vulnerable situations residing in Guayaquil	Global Studies and Hospitality	Thirty-nine students / 2 guide teachers / 50 direct beneficiaries	Training for refugees and migrants, beneficiaries of HIAS, in specific labor skills and for entrepreneurship.
5	Strengthening digital skills for the reduction of digital illiteracy in the canton of Samborondón	Engineering, Architecture and Natural Sciences	Forty students / 2 guide teachers / 80 direct beneficiaries	Training for beneficiaries of the Municipality of Samborondón in digital skills and office automation tools.
6	Programming of workshops and legal advice for the formalization of enterprises in the urban area of the Guayaquil canton	Law and Governance	131 students / 3 guide teachers / 120 direct beneficiaries	Training for people with entrepreneurial ideas and entrepreneurs, in legal matters for the formalization of enterprises.
7	Creation of spaces for technical training in criminalistics through digital resources aimed at the population of the cantons of Samborondón and Guayaquil	Law and Governance	Forty-seven students / 2 guide teachers / 50 direct beneficiaries	Creation of two volumes of the journal EcoForense. Dissemination of relevant information on accidentology to the population of Samborondeña.
8	Cognitive training program in adults for the improvement of fluid intelligence and specific executive functions	Communication, Humanities and Creativity	119 students / 6 guide teachers / 60 direct beneficiaries	Cognitive training for the elderly, users of the services of the Carlos Luis Plaza Dañín Home.
9	Generation of itinerant spaces for physiotherapy and physical rehabilitation of priority and vulnerable groups with physical conditions in the province of Guayas	Health Sciences and Human Development	108 students / 2 guide teachers / 350 direct beneficiaries	Rehabilitation of children with neoplastic pathologies, beneficiaries of the Ronald McDonald Foundation.

No.	Project Title	School	Participants	Results
10	Strengthening the virtual student space through the creation of open educational resources to contribute to the democratization of knowledge	All	1245 students / 5 guide teachers / 450 direct beneficiaries	Creation of open educational resources in different areas, to contribute to the democratization of knowledge, through the virtual space of Community Outreach.
11	Creation of digital products for the socialization of the knowledge and professional experience of the ECOTEC master's degree student, aimed at users of the virtual university space	Graduate Studies	1407 students / 44 guide teachers / 240 direct beneficiaries	Creation of digital resources for the socialization of the knowledge and experience of ECOTEC master's degree students, in the virtual space of Liaison.
12	Strengthening of primary health care, through the nursing care process (PAE) in the province of Guayas	Health Sciences and Human Development	428 students / 10 guide teachers / 765 direct beneficiaries	Vaccination campaigns, disease prevention and health promotion in the Samborondon population.
13	Training program in marketing skills on new trends in marketing and communication, to meet training needs using digital and communicational environments in the vulnerable population of the city of Guayaquil	Communication, Humanities and Creativity	Fifty students / 3 guide teachers / 25 direct beneficiaries	Training for entrepreneurs who are beneficiaries of the Cleotilde Guerrero Foundation.
14	Training program in communication and journalistic skills to develop cognitive, linguistic and body expression skills in high school students in the city of Guayaquil	Communication, Humanities and Creativity	Sixty-six students / 2 guide teachers / 40 direct beneficiaries	Training for high school graduates from the Los Delfines High School in communication and journalistic skills.
15	Creation of the ECOTEC entrepreneurial profile to promote its growth in the market, based on a technological base and innovative business ideas	Economics and Business Sciences	125 students / 3 guide teachers / 50 direct beneficiaries	Preparation of the ECOTEC Entrepreneur's Guide.
16	Strengthening and promotion of tourism in the Montubio people and the agro-peasant sector of the Samborondón canton	Global Studies and Hospitality	Sixty-one students / 2 guide teachers / 20 direct beneficiaries	Diagnosis and creation of tourist rustas to enhance the offer of the Montubio people and the agro-peasant sector of the Samborondón canton.
17	Strengthening the labor projection of young people in Guayas through the development of skills for employability	Economics and Business Sciences	Seventeen students / 1 Faculty Advisor / 30 direct beneficiaries	Design and application of diagnostic instruments to identify youth employability gaps.

No.	Project Title	School	Participants	Results
18	Strengthening of entrepreneurial capacities in the province of Guayas, with a focus on sustainability, formalization and business scaling	Economics and Business Sciences	Eighty-four students / 3 guide teachers / 90 direct beneficiaries	Gathering and analysis of information to identify profiles and needs of entrepreneurs.
19	Strengthening digital skills with a focus on innovation and technological tools for personal and professional development in the canton of Samborondón	Engineering, Architecture and Natural Sciences	Thirty students / 1 Faculty Advisor / 25 direct beneficiaries	Diagnosis of digital skills and technological access in the canton of Samborondón.
20	Strengthening of Montubio ancestral knowledge on medicinal plants for health and rural sustainability in the province of Guayas	Engineering, Architecture and Natural Sciences	Twenty-eight students / 1 Faculty Advisor / 20 direct beneficiaries	Participatory diagnosis on knowledge and conservation of medicinal plants in communities.
21	Participatory recovery of public spaces for social cohesion, security and sustainability of the canton of Samborondón	Engineering, Architecture and Natural Sciences	Thirty-two students / 1 Faculty Advisor / 20 direct beneficiaries	Identification and characterization of abandoned public spaces through community diagnosis.
22	Socio-economic integration of the migrant-local population to promote sustainable livelihoods in the province of Guayas	Global Studies and Hospitality	Twenty-seven students / 1 Faculty Advisor / 40 direct beneficiaries	Socioeconomic diagnosis for the integration of the migrant and local population.
23	Community Leadership Training: Developing and Implementing Soft Skills in Addressing Diversity	Communication, Humanities and Creativity	Fourteen students / 1 Faculty Advisor / 30 direct beneficiaries	Training in assertive communication to strengthen dialogue and community participation.
24	Strengthening the psychological well-being of adults with cognitive impairment in the Daule canton, through inclusive psychoeducational activities from positive psychology	Communication, Humanities and Creativity	Forty-one students / 2 guide teachers / 60 direct beneficiaries	Emotional and cognitive diagnosis of older adults for the design of stimulation activities.
25	Development and production of audiovisual works aimed at promoting stories and legends of peoples and nationalities of Ecuador	Communication, Humanities and Creativity	Fifty-four students / 1 Faculty Advisor / 20 direct beneficiaries	Research of Ecuadorian legends and development of pre-production of cultural short films.
26	Capacity-building program in public speaking, speeches and body language aimed at community leaders in urban areas of the cantons of Daule and Samborondón	Communication, Humanities and Creativity	Twenty-six students / 1 Faculty Advisor / 40 direct beneficiaries	Diagnosis of communication skills and training needs in leadership.

No.	Project Title	School	Participants	Results
27	Promotion of healthy lifestyle habits in adolescents and young people aged 14–20 years in the province of Guayas (2025–2029)	Health Sciences and Human Development	Sixty-two students / 3 guide teachers / 75 direct beneficiaries	Survey of sociodemographic and health information on adolescents and young people in Guayas.
28	Community Strengthening through Forensic Education, Crime Prevention and Citizen Capacity Building in Guayas Province	Law and Governance	Seventy-nine students / 3 guide teachers / 60 direct beneficiaries	Participatory diagnosis of community security through mapping of assets and risk factors.
29	Strengthening access to justice through legal advice and community training through ECOTEC legal clinics in Guayaquil and Samborondón	Law and Governance	131 students / 5 guide teachers / 120 direct beneficiaries	Diagnosis of legal problems and community legal advice.