

The new Business School building, opened in November 2025.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

SUSTAINABLE DEVELOPMENT GOAL 9

Industry, Innovation and Infrastructure

Research capacity doubled in 2025 when measured by new projects, and ORT strengthened the infrastructure, equipment and international recognition that underpin innovation in Uruguay.

24

research projects started or approved (12 in 2024)

187

academic publications by ORT faculty

2

ORT researchers in Stanford's list of the top 2% most-cited scientists

TEACHING & LEARNING

Doctorate in Engineering

A new three-year research doctorate to train researchers in key areas for the country's scientific and technological development. fi.ort.edu.uy/novedades/la-facultad-de-ingenieria-lanza-un-doctorad...

Innovation with real organizations

Students developed 19 projects with external organizations featured in the Yearbook, from traceability for sustainable wine (INAVI) to SIGIBREM, a sea search-and-rescue incident system for the National Navy.

RESEARCH & INNOVATION

A larger research portfolio

24 projects were started or approved in 2025, funded by ANII, INEFOP, ANDE, the Inter-American Development Bank (IDB), UNICEF, the European Union (EU), Erasmus+, Middlebury College and the University of Valencia, among others.

Synthetic biology for sustainable development

FLAVO-GREEN, led by the National Biotechnology Centre of Spain's National Research Council (CNB-CSIC) and selected by LINCGlobal, combines synthetic biology, biodiversity conservation and traditional knowledge; ORT co-ordinates in Latin America (Dr. Cecilia Ortiz). fi.ort.edu.uy/novedades/proyecto-internacional-para-producir-flavon...

Recognized research entity in Europe

In July 2025 the European Union recognized ORT as a research entity entitled to request access to confidential statistical microdata, including Eurostat's, for scientific purposes; this is a key requirement to join Horizon Europe research consortia. ORT was also accepted into the GEMINAE network of UNITA – Universitas Montium, an Erasmus+ European University alliance. ort.edu.uy/novedades/la-universidad-ort-uruguay-fue-reconocida-por-...

Research excellence

Fernando Paganini and Sergio Yovine were included in Stanford University's ranking of the top 2% most-cited scientists; 54 academics are active members of the National Researchers System (SNI).

Biotechnology and national policy

ORT presented the potential of national biotechnology to the Senate, and its Biotechnology Department led the third Foro Biotech (28 October, LATU Innovation Park) with more than 250 attendees, declared of interest by the Ministry of Education and Culture. fi.ort.edu.uy/novedades/ort-presento-en-el-senado-el-potencial-de-l...

CAMPUS OPERATIONS

New Business School building

Opened in November 2025 at Luis de la Torre and Bulevar España (Pocitos), the building has about 4,000 m² over two basement levels, a ground floor and four upper floors, for postgraduate and executive education with modern classrooms and spaces designed for collaborative learning. facs.ort.edu.uy/novedades/nuevo-edificio-de-la-escuela-de-negocios-...

38 course offerings linked to SDG 9 in 2025

- Tecnología industrial 1 (4053) (Design)
- Tecnología industrial 2 (4057) (Design)
- Temas avanzados Biotecnología (Engineering)
- Introducción a la Biotecnología (Engineering)
- Biotecnología de microorganismos y biología sintética (Engineering)
- Nanobiotecnología (Engineering)
- Innovación Social (Management)
- Biotecnología de algas (Engineering)
- Diseño industrial 2 (4058) (Design)

Research capacity doubled





Fernando Paganini and Sergio Yovine, included in Stanford University's list of the world's top 2% most-cited scientists.

In 2025 ORT started or obtained approval for 24 research and innovation projects, twice as many as in 2024. Funders included the National Agency for Research and Innovation (ANII), the National Institute of Employment and Vocational Training (INEFOP), the National Development Agency (ANDE), the Inter-American Development Bank (IDB), UNICEF, the European Union, Erasmus+, Middlebury College and the University of Valencia.

The university strengthened its research infrastructure with a Zetasizer Ultra, acquired through ANII's Scientific Equipment Programme and described as unprecedented in Uruguay and the region, and launched a three-year Doctorate in Engineering in artificial intelligence, theoretical computing, biotechnology, quantum computing, software engineering and applied mathematics. In July the European Union recognized ORT as a research entity entitled to access confidential statistical microdata, a requirement for joining Horizon Europe consortia.

Recognition followed. Fernando Paganini and Sergio Yovine were included in Stanford University's ranking of the top 2% most-cited scientists; Paganini was named Distinguished Engineer 2025 by the Association of Engineers of Uruguay; and Dean Eduardo Mangarelli joined the National Academy of Engineering. Faculty published in journals such as IEEE Transactions on Industrial Informatics and Econometrica, and had a paper accepted in Research Policy.

The Biotechnology Department led the third Foro Biotech at the LATU Innovation Park on 28 October, with more than 250 attendees, and presented the potential of national biotechnology to the Senate.

SELECTED 2025 PUBLICATIONS AND PRESENTATIONS BY ORT FACULTY

1. Gelabert, L., Pereyra, M., & Roldán, F. (2025). Public support prevalence and innovation behavior. Uruguay 2007-2015.
2. Kannan, S., & Gambetta, N. (2025). Technology-driven sustainability in small and medium-sized enterprises: A systematic literature review. Journal of Small Business Strategy, 35(1), 129-157.
3. Gambetta, N., Compiani, E., González, D., & Topolansky, E. (2025, 6 de noviembre). From knowledge to impact: University innovation centers as drivers of SDG-Aligned entrepreneurship. [Presentación de artículo]. 15 Encuentro PRME LAC, Medellín, Colombia.
4. Ripoll, M., Iturralde, M., Galindo Rodríguez, G. R., Soriano, N., Orrego, A. H., Gallego, M., Dimartino, S., López-Gallego, F., & Betancor, L. (2025, 29 de junio - 3 de julio). Novel strategies for gluconobacter biocatalyst immobilization. [Presentación de artículo]. 17th International Symposium on Biocatalysis and Biotransformations (Biotrans 2025), Basilea, Suiza.
5. Matalonga, S., Amalfitano, D., Solari, M., Rossa Hauck, J. C., & Horta Travassos, G. (2025). Testing context-aware software systems from the voices of the automotive industry. IEEE Transactions on Industrial Informatics, 21(5), 3705-3716.
6. Delgado, A., Calegari, D., Espino, C., & Ribero, N. (2025). Predictive process monitoring for collaborative business processes: Concepts and application. Discover Analytics, 3(1), 30 p.