

POP Report

2024



**Politecnico
di Torino**

POP



Politecnico di Torino

The POP Financial Report for Politecnico di Torino aims to provide a comprehensive framework detailing the university's achievements, future directions, and alignment with both national and global priorities. It includes a detailed look at demographics, highlighting student diversity, enrollment trends, and demographic shifts that impact the university's strategic goals. In rankings, the POP showcases the Politecnico's standing among Europe's leading technical universities, demonstrating its strengths in areas such as engineering and architecture.

The innovation section reflects the university's focus on research and knowledge transfer, including partnerships with industry and initiatives to foster a culture of creativity and technological advancement. The mission component reaffirms the Politecnico's commitment to delivering high-quality education and research while promoting a diverse and inclusive community dedicated to solving global challenges. Sustainability is another core focus, with the POP detailing initiatives that reduce environmental impact, enhance energy efficiency, and encourage sustainable practices on campus.

The POP also includes a financial report, providing insight into resource allocation that supports research, infrastructure, and student services, thereby ensuring financial stability and growth. Finally, the management report covers the university's organizational structure, governance, and strategies for maintaining high standards across academic programs and research activities. Through these sections, the POP offers a transparent, structured overview of how the Politecnico di Torino strives to meet its objectives and respond effectively to evolving societal needs.

Ranking



Politecnico
di Torino

In Italy

- **2nd place** in the overall ranking of Italian universities, with a score of 92 out of 100.
- **1st place** for scholarships and grants awarded to the student body.
- **2nd place** for the provision of educational facilities and internationalization.
- Score of **108 out of 110** for employment opportunities provided.
- **3rd place** for the undergraduate programs offered by the Politecnico di Torino in the fields of Industrial and Information Engineering, and 3rd place nationally for Master's programs in Architecture and Civil Engineering.

QS World University Ranking

- **Overall Ranking 2025**

241 - Top 16% globally

- **By Broad subject 2024**

52 Engineering and Technology

- **By Subject 2024**

21 Architecture / Built Environment

51-100 Art & Design

18 History of Art

92 Computer Science & Information Systems

78 Chemical Engineering

33 Civil and Structural Engineering

37 Electrical & Electronic Engineering

28 Mechanical, Aeronautical & Manufacturing Engineering

38 Mineral & Mining Engineering

22 Petroleum Eng. (Georesources & Geoenery Engineering)

116 Environmental Sciences

66 Material Science

93 Mathematics

141 Physics & Astronomy

Demographics

Students	Total enrolled: 39,700
	Newly enrolled (2023/24): 5,348
	Enrolled in Bachelor's programs: 20,850
	Enrolled in Master's programs: 14,660
	Enrolled in I and II level Master's programs, continuing education, and corporate training courses: 740
	Enrolled in PhD programs: 1,470
	Percentage of women in engineering programs: 27.23%
	Percentage of international students: 19.5%
	Percentage of students from outside the region: 50.5%
Graduates in 2023	Total graduates: 7,743
	Bachelor's level graduates: 3,531 (average age 23.8 years)
	Master's level graduates: 4,212 (average age 26.4 years)



Graduate Excellence	Graduates with a score of 105/110 or above: 71%
	Graduates with a perfect score of 110/110: 53%
Employment Status	Employment rate one year after Master's graduation: 90.7%
	Industrial and Information Engineering: 91.1%
	Arts and Design: 89.5%
	Enrolled in Master's programs: 14,660
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Academic Staff

1,217 Faculty members

373 Full Professors

404 Associate Professors

259 Fixed-term Researchers – type A

140 Fixed-term Researchers – type B

41 Permanent Researchers

Female representation: **30.4%**

1,010 Technical, Administrative, and Library Staff

Female representation: **62%**



**Politecnico
di Torino**



Scientific Research

International research grants (from 2014 to 2023)

- 416 European and International projects
- 159,1 Million EUR
- 131 projects in Horizon Europe (2021-2027), 30f which coordinated by PoliTo
- 51,2 Million EUR - 17% success rate
- 269 projects in Horizon 2020 (2014-2020), 68 of which coordinated by PoliTo
- 105 Million EUR - 16% success rate
- 4 EIT Communities
- 29 ERC projects
- 29 Million EUR

National and regional research grants (from 2014 - 2023)

- 570 National and regional projects
- 295 Million EUR among which:
 - 229 PRIN (MIUR calls 2022 and 2022 PNRR)
 - 18 Agreements for Innovation
 - 1 «Competence Industry Manufacturing 4.0» Competence Center
 - 1 CTE-NEX Project - Casa delle Tecnologie Emergenti
 - 27 Regional Platforms Projects (Smart Factory, Health and Well-being, Bioeconomics)
 - 15 INFRA-P1 e INFRA-P2 projects





Research projects with foundations

- 172 R&D projects with Compagnia di San Paolo
- 1 "1000 dottorandi di ricerca" initiative with Fondazione CRT

Scientific publications - 2023

- 2,481 Publications in scientific journals
- 1,242 Conference proceedings
- 45 Monographs
- 363 Contribution in books

Research funding

source: PoliTo Financial Statement 2022

- 69.3 Million EUR research revenues – 22% of Politecnico revenues
- 43 Million EUR from competitive calls
- 26.3 Million EUR from research contracts with businesses and institutions

Innovating at Politecnico

The PoliTO4Impact Strategic Plan embeds Innovation as a core mission of the Polytechnic, alongside teaching and research. Contributing to local innovation, technology transfer, and new enterprise development, the Polytechnic supports society in addressing today's major challenges.

54

PARTNERSHIP AGREEMENTS WITH COMPANIES (UP TO 31 DECEMBER 2023)



50

MILLION EUR FROM COMPANIES TO POLITO (UP TO 31 DECEMBER 2021)



1385

FILED PATENT APPLICATIONS (UP TO 31 DECEMBER 2023)



78

SPIN-OFFS (UP TO 31 DECEMBER 2023)



Positioned within the “Third Mission,” technology transfer is a strategic priority for fostering social, cultural, and economic growth. The Polytechnic emphasizes knowledge sharing and co-generation with partners, from SMEs to multinationals, through joint research and socio-economic innovation. This approach strengthens the “innovation chain,” linking research outcomes to practical applications and reinforcing the Polytechnic’s commitment to community engagement.

Third Mission

The Third Mission at the Polytechnic of Turin focuses on generating social, cultural, and economic value through active engagement with the community and industry. This mission complements teaching and research by fostering knowledge exchange, technological innovation, and public engagement.

PoliTO4Impact Strategic Plan

The Polytechnic's 2018–2024 PoliTO4Impact Strategic Plan emphasizes the Third Mission, underlining the university's role in technology transfer, social engagement, and innovation. This plan establishes two core goals:

1. Enhancing Resources: Building long-term relationships that create sustained value.
2. Supporting Regional and National Growth: Advancing the competitiveness of industries and promoting policies that benefit society.



Key Areas of Action

The Polytechnic's Third Mission activities span multiple areas:

- **Technology Transfer:** Bridging research with practical applications through initiatives like patenting, spin-offs, and collaborations with businesses.
- **Public Engagement and Culture:** Organizing events, exhibitions, and festivals, such as the Biennale Tecnologia, to involve the public in scientific and technological dialogue.
- **Sustainability and Social Impact:** Integrating sustainable practices across all activities, contributing to the 2030 Agenda's Sustainable Development Goals.

Impact and Community Integration

Projects such as the Masterplan and the Technology Transfer System highlight the Polytechnic's commitment to community-focused initiatives, with ongoing evaluations to enhance these programs' reach and impact. Through strategic partnerships and dedicated events, the Polytechnic reinforces its role as a hub for innovation, education, and cultural development.



Sustainable Campus

For years, the Polytechnic of Turin has embedded sustainability across its core areas—teaching, research, third mission, and campus operations—aligning with the UN’s 2030 Sustainable Development Goals. Sustainability principles, addressing environmental impact and resource use, were included in the University’s Statute in 2012. In 2018, the PoliTO4Impact Strategic Plan further committed to creating a sustainable campus and advancing knowledge exchange for sustainable development.



Climate action

Politecnico di Torino aims to achieve **carbon neutrality by 2040**.

The path to reach the **ambitious goal of zero emissions, 10 years ahead of the “Net Zero” commitments** made at the international level, represents a **major challenge** for the University, which requires the initiation of **immediate and concrete actions in the short term** and a **multi-year Decarbonisation Plan** to reduce CO₂ (direct and indirect).

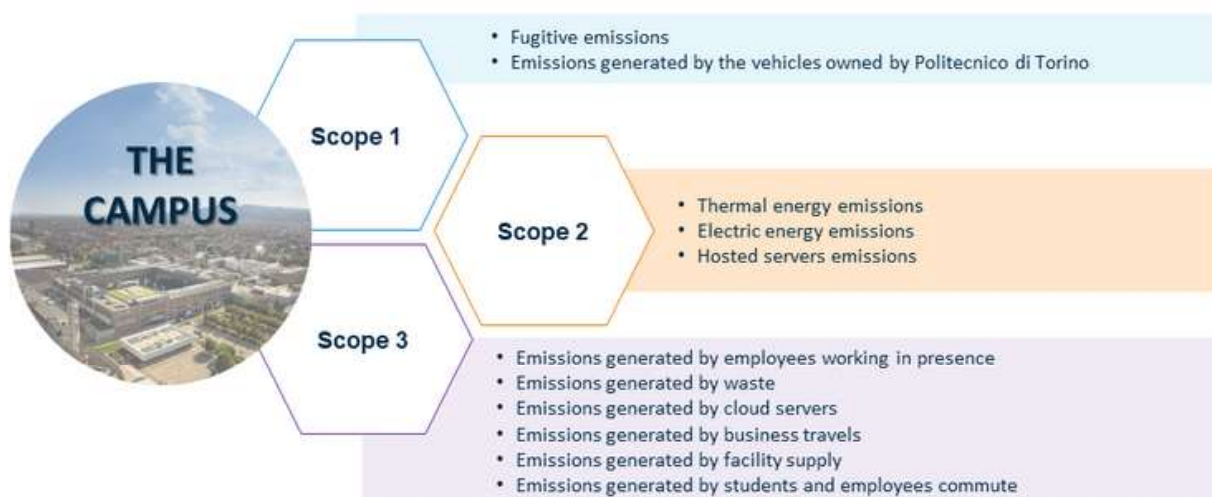
Emissions inventory

Politecnico di Torino developed its climate change emissions inventory based on the "GHG Protocol Corporate Accounting and Reporting Standard (2004)". The main registered emissions were: direct (Scope 1), those coming from purchased and consumed energy (Scope 2), and all other indirect emissions (Scope 3).

All Green Team task forces were involved together with the administrative bodies, in order to select valuable data for all the emissions sources.

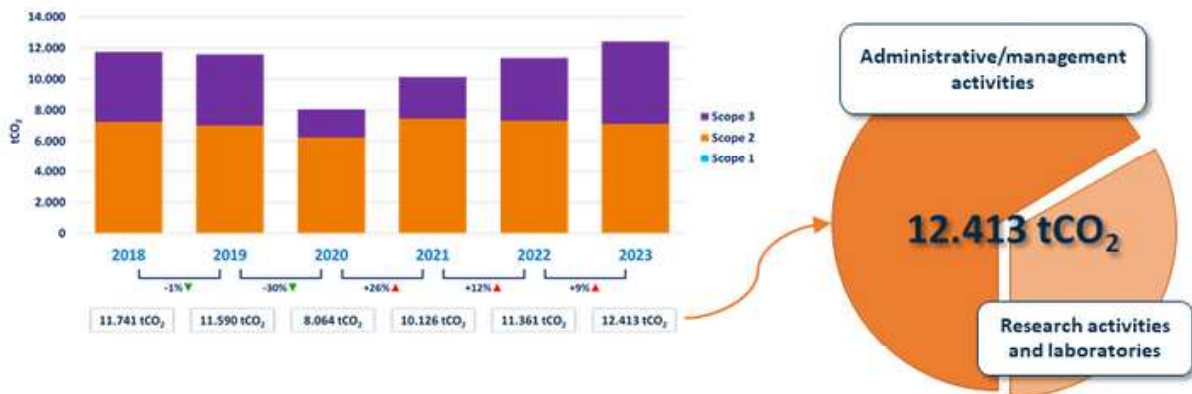
The GHG emissions data refers to the years 2019–2022 for the following dimensions:

- Scope 1: Vehicle fleet
- Scope 2: Electricity, thermal energy (district heating source prevails)
- Scope 3: Staff mobility, missions and travels, cloud services, office supplies



GHG emissions from 2018 to 2023

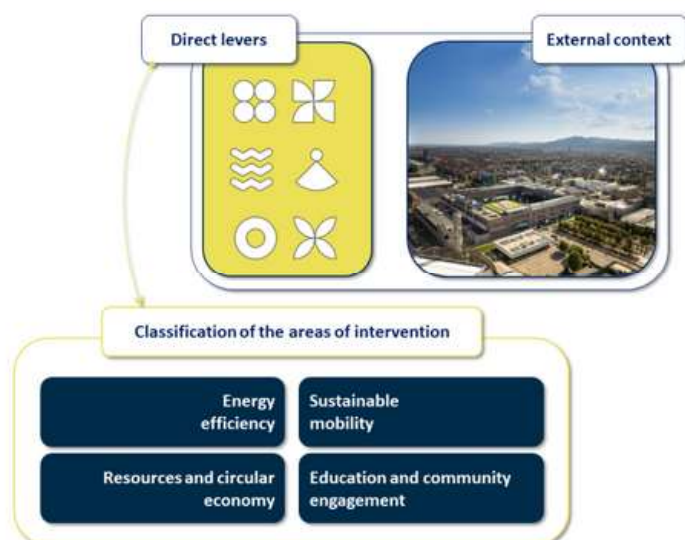
The **2023 GHG emissions** generated by the activities related to PoliTo Campus are **overall equivalent to 12.413 tCO₂**. In view of a plan towards the decarbonisation of Politecnico di Torino, it will be necessary to consider differently the impact of **administrative/management activities** ($\approx 70\%$) with respect to **research activities and laboratories** ($\approx 30\%$).



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Decarbonisation Plan

The Polytechnic of Turin is advancing its commitment to sustainability through a structured decarbonisation plan, aimed at reducing campus carbon emissions. Key findings from an emissions inventory highlighted heating, electricity, and mobility as primary CO₂ sources, guiding targeted actions in these areas.



Community Engagement and Data Enhancement

To strengthen this initiative, the Polytechnic is involving students, faculty, and staff in evaluating actions and expanding data collection to include waste and food impacts. This refined data will support precise, localized actions across campus.

Immediate Actions

The initial steps in this plan include:

- Upgrading Photovoltaic Systems to enhance solar energy use.
- Improving Building Efficiency with updated windows and doors.
- Transitioning to LED Lighting and adding environmental sensors.
- Optimizing Thermal and Electrical Systems to reduce energy waste.

These actions support a sustainable, lower-emission campus, positioning the Polytechnic as a leader in academic environmental stewardship

Financial Report

Financial Position and Income Statement

The analysis of the financial statement aims to summarize and illustrate the main items of Politecnico's balance sheet and income statement. The balance sheet shows the financial position of the institution as of December 31, 2023, and provides a snapshot at the close of the fiscal year. It provides key information to understand Politecnico's assets and sources of funding. The income statement is the document that measures annual performance, showing revenue and contributions as well as expenses.

Budget Forecast

The budget forecast is the tool used to implement the university's strategic plan, including funding for activities considered crucial for the development of education, research, third mission activities, and the organizational and managerial framework of the University.

Budget Forecast 2023

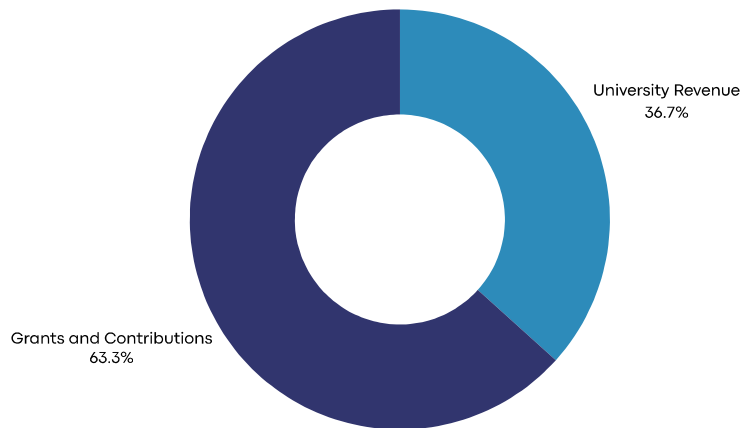
Total Income: €355,359,892

- University Revenue: €126,317,040
- Grants and Contributions: €217,906,121

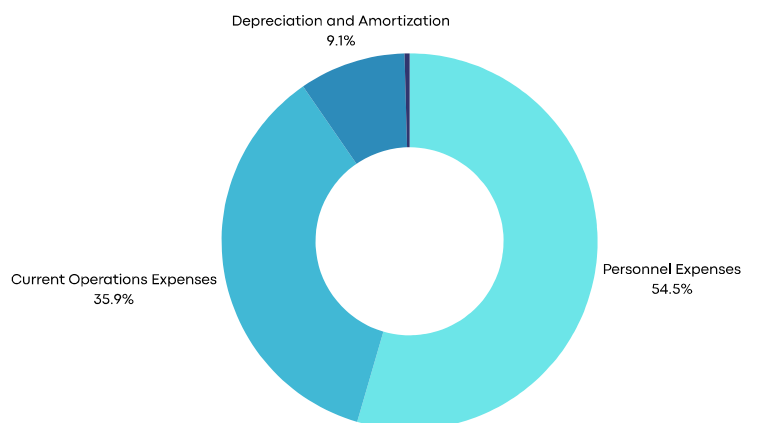
Total Operating Expenses: €337,899,394

- Personnel Expenses: €184,164,348
- Current Operations Expenses: €121,365,073
- Depreciation and Amortization: €30,900,297
- Provisions for Risks and Charges: €21,000
- Other Operating Costs: €1,448,675

Total Income Breakdown



Operating Expenses Breakdown



Management Report

The year 2023 marked a robust post-pandemic recovery for Politecnico di Torino, with the university's Annual Financial Statement reflecting strong financial and economic health and a net profit of €20.4 million. This success is largely attributed to a notable increase in the Ordinary University Fund (FFO) by approximately €10 million, alongside enhanced research opportunities made possible by EU funding and significant investments from the National Recovery and Resilience Plan (PNRR). The university's leadership implemented and rigorously monitored policies that further contributed to this positive outcome.

Additionally, revenue from third-party research and technology transfer exceeded projected growth, reaching €29 million. In terms of funding from the Ministry of University and Research (MUR), Politecnico di Torino experienced a strong increase in government support in 2023. This included a €3.5 million increase in base funding, a €3.4 million rise in performance-based funding, and a reversal in equalization funding: unlike 2022, when a negative allocation of -€2.2 million was received, the Ministry allocated €2 million in 2023. These elements contributed to an economically balanced financial position for Politecnico di Torino in 2023.

Financial Position Statement – 2023

Total Assets: €899,080,580

- Fixed Assets: €555,966,530
- Current Assets: €320,863,950
- Accrued Income and Prepaid Expenses: €3,331,520
- Accrued Revenue for Ongoing Projects and Research: €18,918,580

Total Liabilities and Equity: €899,080,580

- Net Equity: €368,440,840
- Provisions for Liabilities and Charges: €8,455,352
- Employee Severance Pay Fund: €392,142
- Total Debts: €69,619,593
- Accrued Liabilities, Deferred Revenue, and Investment Contributions: €231,321,824
- Deferred Revenue for Ongoing Projects and Research: €220,850,828

Income Statement – 2023

Total Operating Income: €360,007,624

- University Revenue: €129,665,836
- Grants and Contributions: €218,188,325

Operating Expenses: €336,257,543

- Personnel Expenses: €184,438,248
- Current Operations Expenses: €114,833,429
- Depreciation and Amortization: €27,986,555
- Provisions for Risks and Charges: €7,164,733
- Other Operating Costs: €1,834,578



**Politecnico
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Conclusion

This work was completed as part of the Public Management course at the School of Advanced Studies (SAA), University of Turin, under the supervision of Prof. Valerio Brescia. The elements presented in this assignment have been developed in accordance with the guidelines defined by Professors Paolo Biancone, Silvana Secinaro, Valerio Brescia, and Davide Calandra..