Sparkling innovation for a brighter future
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It is up to us to build the future we desire
About Us

Fondazione Politecnico di Milano was established in 2003 at the behest of Politecnico di Milano together with the primary institutions in cities where the university has an established presence and the Regional Council of Lombardy, with the backing of several important businesses and companies.

The Foundation is actively engaged in enhancing the university’s development path to ensure that innovation is applied in practice, sharing the many strengths that define Politecnico’s research in the fields of engineering, architecture and industrial design with manufacturing companies and the local community, and driving progress to build the future.

The Foundation has been working alongside the university for twenty years, providing professional support in the creation of companies and development of innovation projects with an international breadth that can take the scientific excellence of Politecnico di Milano around the world.
Vision

We know that it is up to us to build the future we desire. We intend to lead technological and social transformation sensitively and with understanding, fully appreciating that our decisions have consequences, and placing social, environmental and economic sustainability at the front and centre of our work.

Mission

Accelerate change by enabling innovation that impacts positively and responsibly, helping to maximise Politecnico di Milano’s scientific excellence and re-enforce connections between people, organisations and the research world.
Objectives

- Promote work in **applied research** and **technological transfer** for and with industry and public authorities.

- Build **international alliances** based on shared values, strategies and actions.

- Create the conditions to establish and develop projects centred on **environmental sustainability** and **digital transformation**.

- Support the creation of **innovative technological businesses**.
Side by side with....

Companies
Institutions
Foundations

General public
Associations
Public Sector

...we seed responsible innovation
What we do

We are building an innovative future through our skills and expertise
These fields

- scientific culture
- healthcare
- sustainability
- aerospace
- artificial intelligence
- remote sensing
- startups
- learning
- hospitals of the future
- capacity building
- STEAM
- education
- serious games
- orientation for young people
- infrastructure
- green hydrogen
- STEAM
- robotics and deep tech
- smart cities
- disaster risk management
- humanitarian culture conservation
- the digital school
- multicultural entrepreneurship
- the digital school
- urban resilience strategies
- renewable tourism
- silver economy
- local areas
- automated driving
- food tech and policies
- health and life sciences
- green and digital transition
- smart people
- mobility
- smart living
- circular economy
- active ageing
Fondazione Politecnico di Milano draws on its **consolidated experience** and **multidisciplinary skills** to help you achieve your objectives.

- Preferential access to an outstanding university
- Auditing and assessment
- Identifying financing opportunities
- Project management
- Technological transfer
- IPR management
- Agile people, agile processes
- Network and ecosystem
Strategic Policies

at the university’s service

**Internationalisation**
- Innovation House
- FPM.US

**Culture, Human Capital and STEAM**
- Erasmus + Foundations

**Entrepreneurship**
- PoliHub
- Tech4Planet

**Innovation and industrial co-operation**
- JRPs
- NPRR - National Plan for Recovery and Resilience
- Horizon Europe

**Development in the local area & the public sector**
- Banks, bodies and big international donors
- EU Interreg programmes
- Collaborations with institutions and NPRR

**Export Politecnico di Milano’s scientific excellence**

**Powering Politecnico di Milano with opportunities**
We export Politecnico di Milano’s **scientific excellence and wealth** of knowledge around the world, **promoting scientific research and** Italy’s **industrial system**, in which the university operates.

- **Relationship with local stakeholders**
- **Relationship with Italian institutions** located in the area
- **International network** of companies, foundations and institutions
A laboratory of ideas and innovation for companies wishing to expand their markets and present their business, capturing the opportunities arising from major events like Expo Dubai 2020.

Find out more: dubai.polimi.it
PoliHub is the Innovation Park & Startup Accelerator managed by the Foundation. It nurtures new deep tech startups which generate value for society and the economy, moving towards a model of sustainable progress built on science and technology.

**Startups**
Supports high potential startups in their national and international growth

**Companies**
Facilitates the right company-startup match

**Investors**
Works alongside investors to back the most promising deep tech startups
Performance 2015 - 2022

- 8,864 ideas gathered
- 859 Startup accelerations & incubations
- 116 PoliHub community mentors
- 7,700sq m smart working areas
- 147 mn € cumulative investment in startups
- 15 Primary exits

Performance 2022

- 1,105 ideas gathered
- 122 startup accelerations & incubations
- 1,500 PoliHub community members
- 50 patents put to use
- 30 mn € cumulative investment in startups
- 2 Primary exits

Key Events:

- 2000: PoliHub created within Politecnico di Milano
- 2008: PoliHub becomes an independent company
- 2013: First VC investment in Photonic Vibes
- 2018: Launching of international initiatives - DTA & EIT Collaborations with Eni Joule
- 2022: PoliHub becomes an independent company
We support the growth of a STEAM culture through school orientation programmes and innovation in teaching, helping young people develop essential tools and skills to tackle their future challenges.
Case Study - TechCamp@POLIMI

TechCamp is the first Italian programme where secondary school students can get a close look at university level courses in technical and scientific subjects.

TechCamp introduces teenagers to several of the most topical and important fields in technology, such as programming, robotics and self-drive vehicles.

Find out more: techcamp.polimi.it
Innovation and co-operation with industry

We set the ground for **technological innovation** and **co-operation with industry** through our consolidated network of local, national and international connections, thus enabling integration between the university’s pioneering knowledge and the competitive industrial world in Italy and Europe.

- **Needs analysis** and identifying the best research team to satisfy these needs
- **Technological research partnerships** in cutting-edge topics
- **Tenders** and facilitated financing
Hydrogen used as an energy vector plays a **strategic role** in the transition to a net-zero-emissions economy.

Hydrogen JRP, a **joint university-company research** platform, was set up against this backdrop to stimulate the creation of a dedicated value chain in Italy, helping companies to be more competitive and encouraging the growth of new high-tech businesses.

Find out more: fondazionepolitecnico.it/progetti/hydrogen-jrp
All our research platforms

- **JRP Hydrogen**: A platform for research into hydrogen
- **JRP Healthcare Infrastructures**: Planning smart hospitals 4.0
- **JRC Rail Transport**: University and industry together for the future of rail
- **JRC PropTech**: Digital revolution in real estate
- **JRL Mobility**: Rethinking urban mobility
Skills to build ideas and to design projects that encourage territorial co-operation, lasting growth and sustainable development, working with multilateral organisations and local, national and international bodies in both the private and public sector.

**General contractor knowledge** and experience, with the ability to integrate and field manage a wide range of actions and work teams

**Customised solutions** that draw on the expertise at Politecnico di Milano and in our network

**Assessment for analysing and supporting** in partnership the strategies of the actors involved
Case Study - Keeping ISA Modern

A research project to define the strategies and draft the conservation and management plan for the National Schools of Art in Havana, Cuba, a national monument and an international example of 20th century architecture.

The study was supported through the Getty Foundation’s “Keeping It Modern” programme, with the involvement of three Politecnico departments: Architecture and Urban Studies, Civil and Environmental Engineering, and Energy.

Find out more: fondazionepolitecnico.it/progetti/sviluppo-sociale/keeping-it-modern
Work alongside public sector authorities and local areas in their **digital transformation** within healthcare, innovating the services they offer and the digital tools they use.

- **Relationships with regional and national institutions, hospitals and healthcare facilities, and pharmaceutical and biomedical companies**

- **Plan advances in digital services and solutions** that benefit both the establishments and the end users.

- **Define guidelines and management plans** to put digital health actions into effect
Case Study – PIMO

A support service to the Regional Council of Lombardy, to help it develop and apply its quality improvement programme (PIMO) to public and accredited/outsourced private hospitalisation and treatment facilities in the regional healthcare system.

The two-year project was run in partnership with EY, and involved the departments of Management Engineering and of Architecture, Built Environment and Construction Engineering (DABC) at Politecnico di Milano.
Innovation House Dubai
A laboratory of ideas for companies that want to present their business.

TechCamp@POLIMI
Designed to give secondary school students a close look at technical and scientific university programmes.

JRP Hydrogen
A platform for research into hydrogen.

PIMO
Improve quality in Lombardy hospital structures.

Keeping ISA Modern
A research project to define the strategies and draft the conservation and management plan for the National Schools of Art in Havana, Cuba.
Governance

- Founder Members
- Institutional Members
- Board of Directors
- Assembly of Founding Members
- Scientific Committee
Founder Members
Institutional Members are public and private bodies that take part in the development of Fondazione Politecnico di Milano’s work on an ongoing basis, and share its aims and purposes. Thirty or so companies and bodies are currently Institutional Members.
Board of Directors

Main duties:

▪ Define the guidelines for the Foundation’s work and the relative objectives and programmes
▪ Appoint the General Director
▪ Administer the Foundation’s assets
▪ Approve the forecasts and actual financial statements

Assembly of Founding Members

The Assembly consists of one representative for each Founding Member. Among its duties, it is expected to:

▪ Make recommendations to the BoD concerning the general direction, objectives and programmes for the Foundation’s work.
▪ Give its opinion on the forecasts and actual financial statements
▪ Appoint four Directors to the Board
The Scientific Committee is the Foundation’s advisory body. It advises and collaborates with the Board of Directors in defining the annual general programme for the Foundation’s events and undertakings.
Contacts

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