LOMBARDY'S HUMAN CAPITAL

invest in Lombardy

POWERED BY

UNIONCAMERE LOMBARDIA

PROMOS ITALIA
BE GLOBAL

Regione Lombardia

INDEX

WHY LOMBARDY

AT THE HEART OF EUROPE

Located in the **north of Italy**, at the heart of the most economically advanced European area, Lombardy is a **bridge to the Mediterranean Sea**

24,000 km2 of surface area

10 mln inhabitants
- **1st** region in Italy
- **3rd** region in Europe

divided into **12 provinces** with **Milan** as the capital city

115 Consular offices
- **105** of which are in Milan

LOMBARDY IN A SNAPSHOT

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AMONG THE TOP EUROPEAN REGIONS

- **2nd** EU Region for GDP
- **Among the 67** out of 240 European **Strong Innovator** Regions
- **1st industrial region** according to the NUTS2 classification

THE MOST ATTRACTIVE REGION IN ITALY:

FDI

- Almost **50%** of National FDI lands in Lombardy

1ST REGION FOR:

GDP

- **€ 483** billion
- **24%** of Italy's GDP

NUMBER OF COMPANIES

- About **815K** companies
- **4,5 million** employees
- **6,900** multinational companies

HUBS SUPPORTING INNOVATION

- **24%** of certified national incubators (**57** out of 237 in 2023)
- **18%** of national fablab

INFRASTRUCTURES & CONNECTIONS

1,920 km
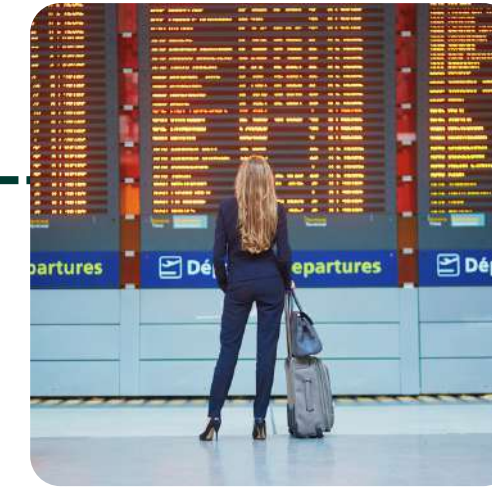
of railway networks
- 428 train stations

700 km

of highways

11,000 km

of provincial and national roads

4 airports
- 25% of national passengers' traffic
- 70% of freight transport

10 h to Beijing   8 h to New York   6 h to Dubai   1h. 50 to London   1h. 30 to Paris

Lombardy offers a wide range of direct flights to the main European and global destinations

LOMBARDY: HOME TO WORLD-CLASS UNIVERSITIES

15 UNIVERSITIES

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MULTIDISCIPLINARY

University of Milan

Universiy of Bergamo

University of Insubria Varese - Como

IUSS - Pavia University Institute of Advanced Studies

University of Pavia

University of Brescia

Sacred Heart Catholic University

University of Milan Bicocca

University eCampus

WITH SPECIFIC DISCIPLINARY FOCUS

Humanitas University

Polytechnic of Milan

University Life Health S. Raffaele

University of Languages and Communication IULM

University Business "Luigi Bocconi"

University "Carlo Cattaneo" LIUC

All universities offer courses in English

UNIVERSITIES: MORE THAN 323,000 STUDENTS IN LOMBARDY

STEM courses
more than 84,000 students, including:

Other:

55,440
Engineering students out of 292k in Italy

60,304
Business, administration, and law students out of 325k in Italy

22,339
Natural sciences, mathematics, and statistics students out of 160k in Italy

34,009
Health and welfare students out of 246k in Italy

THE INTERNATIONAL POSITIONING OF THE LOMBARDY UNIVERSITY SYSTEM

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Polytechnic of Milan	University of Milan	Bocconi University
Architecture	**Veterinary Science**	**Marketing**
7th in the world	1st in Italy	7th in the world
Mechanical Engineering	**Pharmacy and Pharmacology**	**Business and Management**
9th in the world	1st in Italy	9th in the world
Engineering - Electrical and Electronic	**Overall universities ranked**	**Social Sciences and Management**
18th in the world	186th in the world	16th in the world

LEADING REGION FOR GRADUATES

Lombardy produces the largest number of college graduates in Italy

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Lombardia
Lazio
Campania
Emilia Romagna
Others
Piedmont
Veneto
Tuscany
Sicily
Apulia
Calabria
Abruzzo
Marche

0%   5%   10%   15%   20%
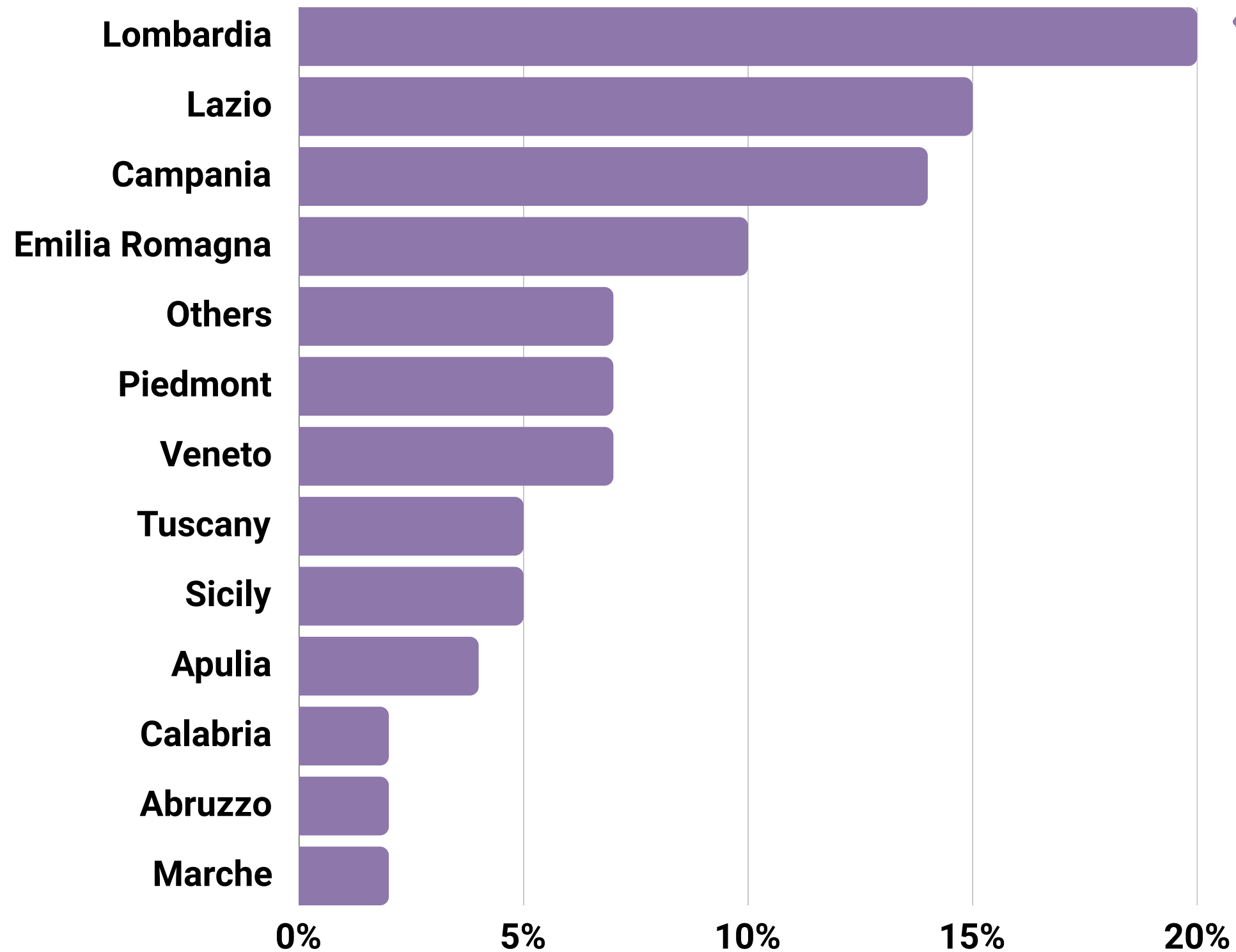
Lombardy 20%
(73,188 graduates
out of 366k in Italy)

1/5

Of the total number of college
graduates in Italy in 2021

75.4% of **bachelor's graduates** are already **employed** one year after graduation

77.1% of **master's graduates** are already **employed** five years after graduation

The employment rate increased by 0.9% for first-level graduates and by 2.5% for second-level graduates

ACADEMIES, INSTITUTES, SCHOOLS OF HIGHER TECHNICAL EDUCATION

ABOUT 30 ACADEMIES AND INSTITUTIONS
OF ART, CULTURE, ENTERTAINMENT, FASHION AND DESIGN

Some examples of excellence

International fashion school of excellence. Ranked 9th among the world's best fashion schools according to CEOworld magazine

Among the world's most influential institutions for training professionals working in the performing arts

Italy's largest private academy

Higher Education in Art and Music, awards 1st and 2nd level academic degrees

International excellence working in the disciplines of Design, Fashion, Visual Arts and Communication

Among the most prestigious European institutions in music education

Leading school in the international style and design scene

International excellence in training for actors and actresses

SCHOOLS OF HIGHER TECHNICAL EDUCATION
A BRIDGE BETWEEN SCHOOL AND WORK, CREATING SPECIALIZED PROFESSIONALS

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ITS - Istituti Tecnici Superiori: 2 years post-diploma to acquire Technical Higher qualification (classified level V EQF*). 82% of graduates are employed

26
INSTITUTES

6266
ENROLLED
2023

6 TECHNOLOGICAL AREAS

- ENERGY EFFICIENCY
- NEW TECHNOLOGIES OF LIFE
- ICT
- TOURISM AND CULTURAL HERITAGE
- NEW TECHNOLOGIES FOR MADE IN ITALY
- SUSTAINABLE MOBILITY

IFTS - Istituti di Istruzione e Formazione Tecnica Superiore: 1 year (two semesters) with at least 30% dedicated to internships (classified level IV EQF*). 81% of graduates find jobs within 1 year

89
ACTIVE COURSES

1806
ENROLLED
2023

6 TECHNOLOGICAL AREAS

- MANUFACTURING AND HANDCRAFTS
- TOURISM AND SPORT
- MECHANICS
- CULTURE AND INFORMATION
- CONSTRUCTION
- BUSINESS SERVICES

*EQF: European Qualifications Framework based on learning outcomes divided into 8 levels, serves as a "translation" tool between different national qualifications frameworks

LOMBARDY LEADS IN TECHNOLOGICAL AND PROFESSIONAL EDUCATION INITIATIVES

Lombardy is the **first region in Italy** to implement the '**Technological-Professional Pathways 4+2**,' offering four-year high school programs with a strong vocational focus starting from the 2024-2025 academic year

Comprehensive Coverage:

- The program spans across **10** provinces
- **34** new educational pathways
- Includes collaborations with "ITS" Academies and technical institutes

Focus on Modern Skills:

- Developing skills in languages, digital skills, AI, workplace safety, and personal development

Future-Ready Education:

- In their final year, students will receive in-depth training to prepare for tertiary education or the evolving job market

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LOMBARDY'S LABOR MARKET: A GROWING WORKFORCE

LOMBARDY LEADS THE WAY IN LABOR MARKET STRENGTH

ABOUT 4,52 MLN PEOPLE ARE EMPLOYED ON THE TERRITORY

Employment in Lombardy grew by **+1.2%** year-on-year, an increase in Q1 of 2024 of **53,000 over the previous year**. This represents the 12th year consecutive increase

+1.2%

In Q1 of 2024, the 15-64 y.o. **employment rate** stands at **69.1 %**, gaining 0.4 points compared to the previous year

69.1%

In Q1 2024, the **unemployment rate** stands at **4.3%**

4.3%

LOMBARDY'S LABOR MARKET: SOME KEY METRICS AND TRENDS

SUBORDINATE EMPLOYMENT

Subordinate employment accounts for more than **80%** of Lombardy's employment and has provided the main contribution to growth in recent years. It confirms the positive trend in the first quarter of 2024 as well, with a change of **+2.1%** (equal to +76K employed)

FEMALE EMPLOYMENT

Female employment growth (**+1.6%**) was higher than that of men (**+0.9%**). The female employment rate is **62%**, up 0.7 percentage points from the previous year, **narrowing the gender gap**
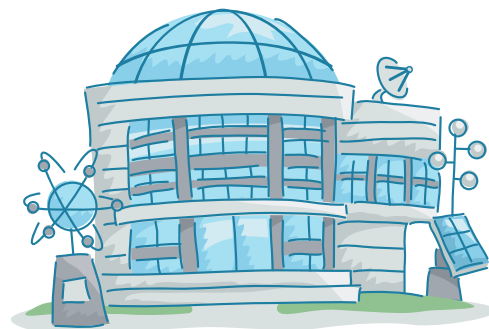
EDUCATION AND RESEARCH AT THE SERVICE OF BUSINESSES

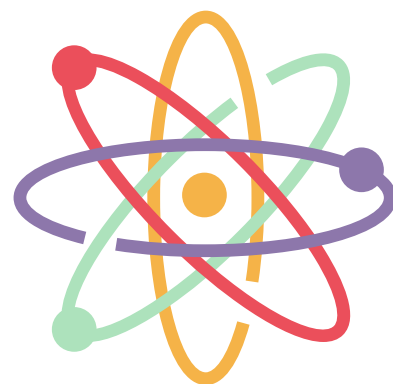# THE STRONG LINK BETWEEN UNIVERSITIES, ENTERPRISES AND RESEARCH IN LOMBARDY

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20

Institutions of **hospitalization and care** with scientific nature (IRCCs)

10

NRC Institutes HQs (**30** branch offices)

3

Sections of the **National Institute of Nuclear Physics**

ON THE PODIUM OF EUROPE'S TOP RESEARCHERS

Italians are the **second-best** researchers in Europe as recognized by the **European Research Council** (ERC) 2023 awards

3
Scolarships for the **Politecnico di Milano** 2023

7
Scolarships for the **Bocconi University** 2023

LOMBARDY'S LEADERSHIP IN PATENT INNOVATION: NATIONAL BENCHMARK

1,626
Patent Applications filed with the EPO in 2023

32.2%
of **National Total**, up from previous years

TOP REGION
for Technological Density:

- **Lombardy**: 1,626 patents (**32.2%**)
- Emilia-Romagna: 958 patents (19%)
- Veneto: 680 patents (13.5%)

LOMBARDY'S LEADERSHIP IN PATENT INNOVATION: EUROPEAN BENCHMARK

Lombardy registered an increase of **+16.2%** in patent applications from 2015 to 2023

Baden-Württemberg:

2.3% growth

Auvergne-Rhône-Alpes:

8.2% growth

Cataluña:

45% growth, but from a much lower base

A HUB OF INNOVATION AND START-UP GROWTH

Lombardy is home to numerous innovation hubs that provide critical support to emerging businesses. The region also boasts a large number of **accelerators and incubators**, offering resources, mentorship, and funding opportunities

More than **100** **Incubators, Accelerators and Innovation Hubs in Lombardy**

SOME SUCCESSFUL CASES

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HOW INVEST IN LOMBARDY CAN HELP YOU

INVEST IN LOMBARDY: ONE-STOP-SHOP DEDICATED SERVICES

LOCATION SCOUTING
Find the best locations for your business through a dedicated network of local public institutions and private partners

NETWORKING
We are a business integrator, facilitating the connection with private and public, local and national stakeholders

BUSINESS INTELLIGENCE
Providing useful information on sectors/markets, supporting the evaluation of business opportunities in Lombardy

INCENTIVES
Overview of the tax incentives, grants, loans, and applicable bilateral conventions with institutions
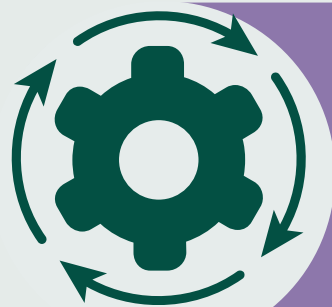
PUBLIC ADMINISTRATION
We facilitate the dialogue with the public administration & support you in dealing with administrative procedures

HUMAN RESOURCES
Assistance in choosing the most suitable staff recruitment channels for your business

START OF THE OPERATIONS
Tailor-made technical support for the set-up of a new business

EXPANSION & RELOCATION
General support to the expat workers in the relocation process

25

CONTACT US

**FOR QUESTIONS, COMMENTS,
AND DEDICATED SUPPORT**

WEB

www.investinlombardy.com

TEL

+ 39 02 8515 5220

EMAIL

info@investinlombardy.com