

# ICT AND DATA CENTERS IN LOMBARDY



invest in  
Lombardy

POWERED BY



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Lombardy ICT and Data Centers business ecosystem and success stories

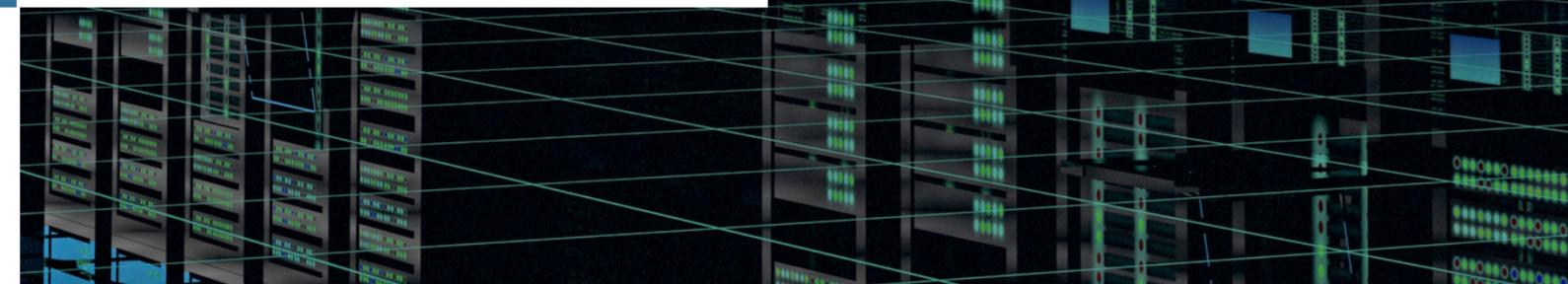
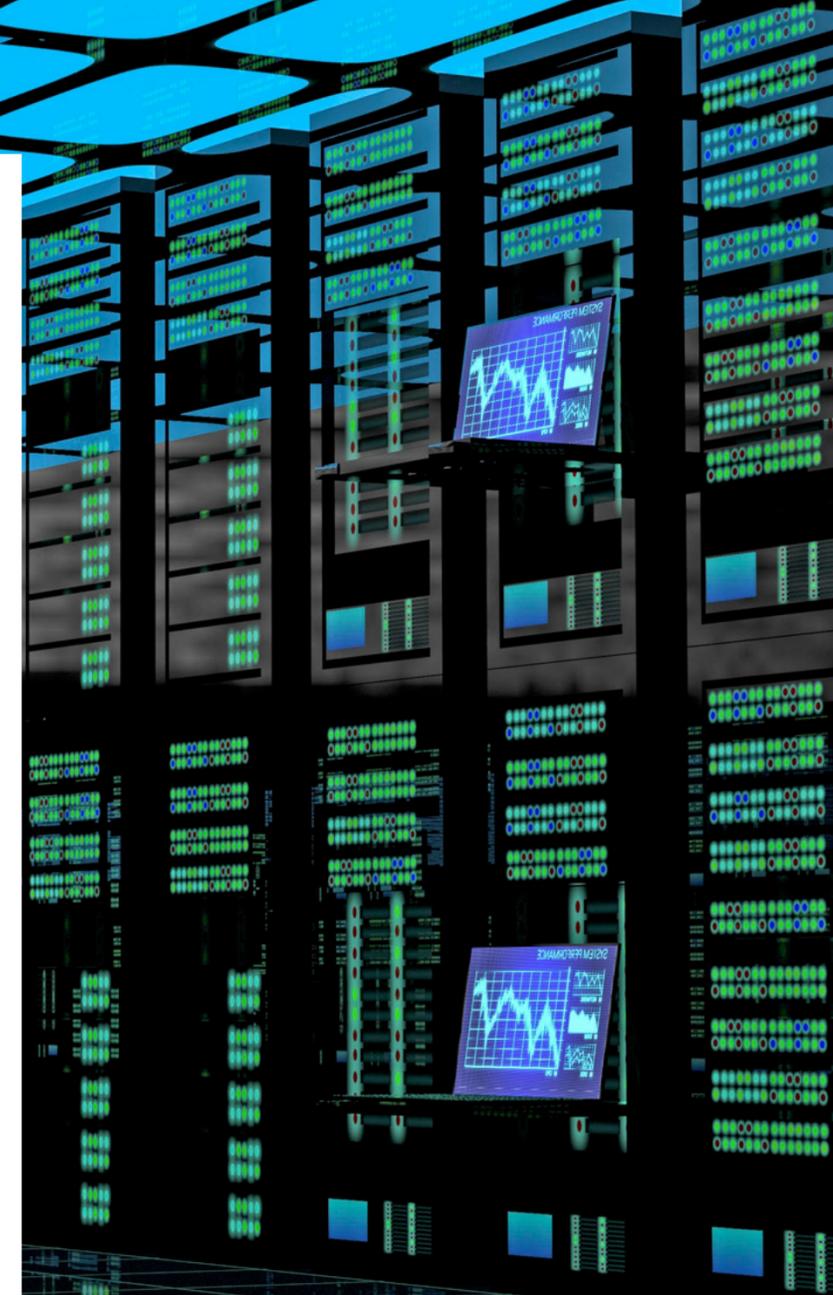
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The background features a blue-toned digital cityscape with a network of clouds and binary code. The city is composed of various skyscrapers and buildings, rendered in a wireframe or grid-like style. Above the city, several clouds are connected by a network of lines, suggesting a global or interconnected network. Binary code (0s and 1s) is scattered throughout the scene, adding to the digital aesthetic. The overall color palette is a range of blues, from light to dark, creating a futuristic and technological atmosphere.

# WHY LOMBARDY

# LOMBARDY IN A SNAPSHOT

## AMONG THE TOP EUROPEAN REGIONS



- **2nd** EU Region for GDP
- **Among the 67** out of 240 European **Strong Innovator** Regions

## THE MOST ATTRACTIVE REGION IN ITALY:

### FDI



- **€ 11** billion (from 2012 to date)
- **24,7 %** of 44.4 bln € Italy's FDI



## 1ST REGION FOR:



### GDP

- **€ 368** billion
- **22%** of Italy's GDP



### NUMBER OF COMPANIES

- About **816K** companies
- **6,300** multinational companies
- **4,2 million** employees



### HUBS SUPPORTING INNOVATION

- **26%** of certified national incubators
- **18%** of national fablab

# INFRASTRUCTURES & CONNECTIONS

05



**1,920 km**  
of railway networks



**700 km**  
of highways



**11,000 km**  
of provincial roads



**4**  
international airports

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



10 h to Beijing



8 h to New York



6 h to Dubai



1h. 50 to London



1h. 30 to Paris

The background is a vibrant blue digital landscape. It features a stylized city skyline with various skyscrapers and buildings. Overlaid on this are several glowing blue icons: clouds, network nodes, and lines representing data connections. Vertical columns of binary code (0s and 1s) are scattered throughout the scene. The overall aesthetic is futuristic and tech-oriented.

# **LOMBARDY ICT AND DATA CENTERS BUSINESS ECOSYSTEM AND SUCCESS STORIES**

# ICT & DIGITAL SECTOR AT A GLANCE

07

## LOMBARDY REGION

## ITALY

ICT Market Value (€) in Lombardy

8,5 MLN

ICT Market Value (€) in Italy

34 MLN

Percentage of **new Lombard startups and SMEs** in the ICT sector out of the national total

30%

**New registrations** of innovative ICT startups and SMEs in Italy in 2021

2,579

ICT students in 2021

6,6K

ICT students in 2021

40K

Average annual ICT expenditure per enterprise (€)

12,265

Average annual ICT expenditure per enterprise (€)

9,010

**Digitalized Companies** (18% national total)

695,154

**Digitalized Companies**

3 MLN

# COMPLETE SUB INDUSTRIES

The ICT sector in Lombardy includes companies working in all **4 sub-industries**



# DATA CENTERS AND ICT ENVIRONMENT

Lombardy is the **most developed Italian region** in the data center and ICT sector, both considering the market value and the number of companies

**1st**

Region in Italy per number of data centers (26 out of about 83)

**29.5%**

Of Italian innovative SME and start-ups are in Lombardy

Digital Market Value in Lombardy in 2020

**€ 17 BILLION**

number of activities in the sector exceeds pre covid levels

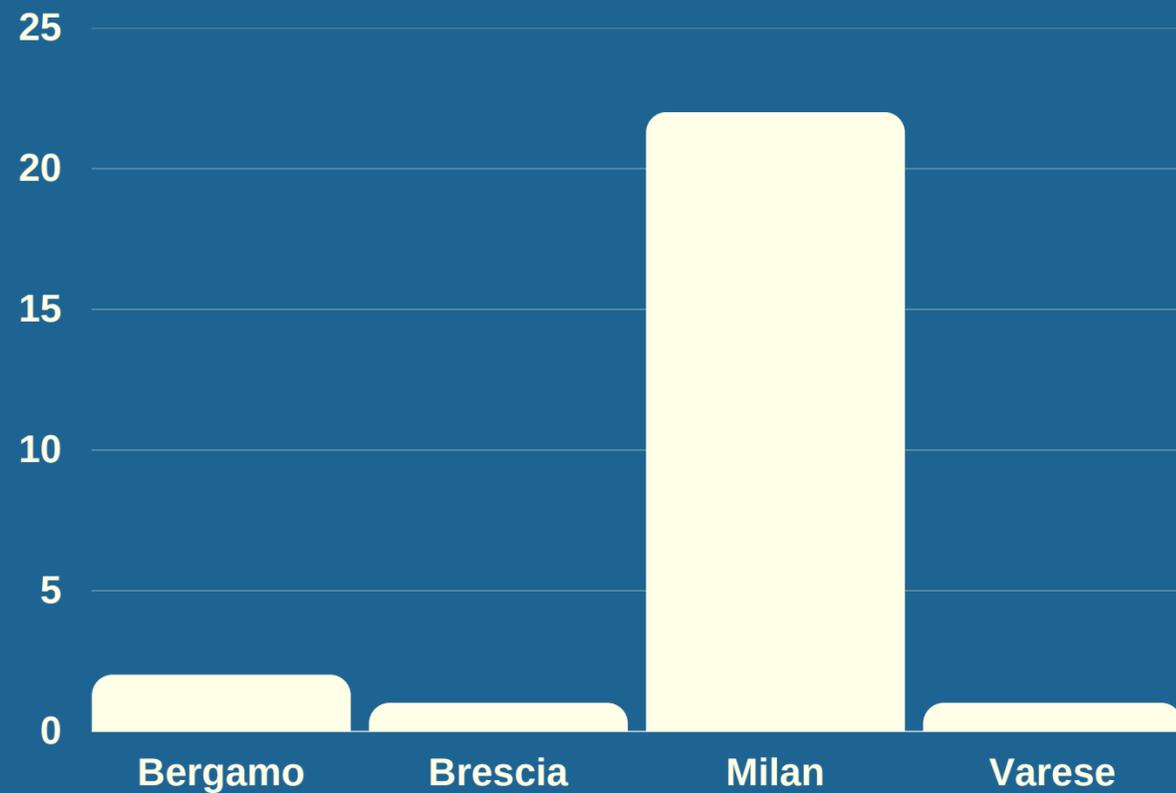
**+ 21%**



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Lombardy is home to **26 data centers**. The vast majority of data center companies are located in the **Milan** province, but other interested territories are the ones of **Bergamo, Brescia, and Varese**.

Business Ecosystem



# National and International companies in the region



# SOME RECENT EXAMPLES OF FOREIGN FIRMS INVESTING IN LOMBARDY



Colt

In 2019 the company has inaugurated its new headquarters in via Lancetti in Milan. The company is also looking at Italy as the pioneer in 5G infrastructure development.



Data4

In 2019 Data4 Group, a leader French operator in the development of data centers, opened the first hub dedicated to digital exchanges between the Mediterranean Basin and Europe.



Equinix

In 2019 the company invested €8 million in order to renew the ML3 datacenter, in the south of Milan. Equinix is investing heavily in the city of Milan, considering it a strategic point for interconnection



GTT

In 2018 the US company concluded the acquisition of the Interoute Communications Holdings SA group, operating at a pan-European level in the telecommunications infrastructure sector.

# RECENT SUCCESS STORIES

JULY 2022



## AMAZON WEB SERVICES

the e-commerce giant founded by Jeff Bezos, which employs more than 14,000 people in Italy and **3.700 in Lombardy** alone, announced the **creation of 3.000 more jobs** by the end of 2022. Given the high costs, the data center will use 100% sustainable energy such as wind and solar by 2030.

AUGUST 2021

## EURONEXT



Euronext announced it would **move its core data center from Basildon, a town east of London, to Bergamo** in the second quarter of 2022. A migration that constitutes "the largest technology investment initiated by Euronext since the development of the Optiq trading technology platform"

NOVEMBER 2021

## SUPERNAP



Supernap Italy announces the opening of its second data center at its Milan (Siziano) campus. The new facility, consisting of two independent data halls, brings the company's active campus to **100,000 square meters** and **40 MW** of power. The hub also confirms the company's commitment to environmental sustainability, providing 100% of its energy from **certified renewable sources**

The background is a vibrant blue-toned digital landscape. It features a perspective view of a city skyline with various skyscrapers and buildings. Overlaid on this are numerous binary digits (0s and 1s) and network-related icons, including clouds and interconnected nodes, suggesting a theme of technology, data, and innovation. The overall aesthetic is clean, modern, and high-tech.

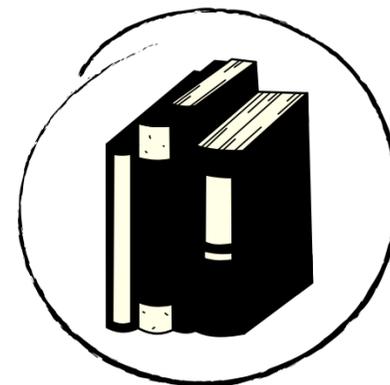
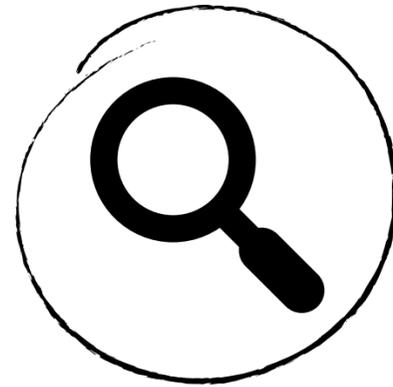
# EDUCATION, RESEARCH AND INNOVATION

# Educational and Research System

Lombardy's educational system guarantees **excellent specialization and extraordinary expertise** in several IT/ICT's fields

## Specialized Research Centers of Milano Politecnico:

- DEEPSE LAB
- LAFOS
- ARCSLAB
- WEMSY
- BONSAI
- DAISY LAB
- Virtual prototyping and augmented reality laboratory



## Partner Research Centers of the AFIL Cluster

- Consiglio Nazionale delle Ricerche (STIIMA)
- Consiglio interuniversitario nazionale per la scienza e la tecnologia dei materiali
- CSMT - Centro Servizi Multisetoriale e Tecnologico
- Centrocot - Centro tessile cotoniero e abbigliamento SPA
- INNOVHUB - SSI

## Universities with dedicated courses:

- **Milano Politecnico**
- Università Commerciale Luigi Bocconi
- Università degli Studi dell'Insubria
- Università degli Studi di Bergamo
- Università degli Studi di Brescia
- Università degli Studi di Milano
- Università degli Studi di Pavia
- Università degli Studi Milano - Bicocca

## Technical High School Education:

- ITS (Istituti Tecnici Superiori)
- IFTS (Istituti di Formazione Tecnica Superiore)

# Innovation System

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Innovation



## Digital Innovation Hub

The goal of the hub is to strengthen the digital knowledge and awareness of companies, in the context of the National Industry 4.0 Plan and the European Strategy for the Digitization of Industry.



## Como Next

It is a Digital Innovation Hub and a startup innovator. It houses 150 businesses, (of which 1/3 is a startup), more than 900 knowledge workers on a space of over 21.000 sqm



## Parco Scientifico e Tecnologico Kilometro Rosso

It is a scientific park, that brings together companies, universities, and research centers, in order to foster innovation in the manufacturing industry. In detail, it houses 75 companies, 37 laboratories, 40 already financed R&D projects, and 2.000 employees. In June 2020, within the park, a new research, and robotics laboratory, the **JOiINT LAB** was established as the result of the partnership between the Italian Technological Institute, the Intellimech Consortium, Confindustria Bergamo, and the Bergamo Università degli Studi.



## POINT Polo Innovazione Tecnologica Provincia di Bergamo

It is a technological park, where are located companies and research projects. Particularly, it includes 26 companies and with around 300 employees on a space of over 40.000 sqm

Lombardy's territory is full of **innovation centers** which guarantee the **coordination of the lifescience networks**, and carry out relevant **researches and development projects**



The background is a vibrant blue digital landscape. At the bottom, a perspective grid of lines recedes into the distance. Above this, a city skyline is rendered in a wireframe style. The upper portion of the image is filled with a network of thin lines connecting various nodes, some of which are cloud icons. Vertical columns of binary code (0s and 1s) are scattered throughout the scene, adding to the technological aesthetic.

# HOW INVEST IN LOMBARDY CAN HELP YOU

# WHAT CAN YOU DO IN LOMBARDY?

Lombardy is among the leading destinations in Europe for investments in the digital industry. Lombard companies invested more than 8.5 billion euros in the digital transition in 2021, which corresponds to 25 % of the entire national market.

There are countless benefits that come from investing in the region, as you will be able to:



## R&D

**Rely on outstanding talents with R&D skills and highly specialized know-how and worldwide renowned designers and creative thinkers**



## PRODUCTION

**Expand your subcontracting chain within an extraordinary business environment of 800,000 companies**



## MARKET

**Have access to more than 800 million european consumers and create a favourable commercial hub to the EMEA market, while consolidating marketing and sales strategies**

# 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



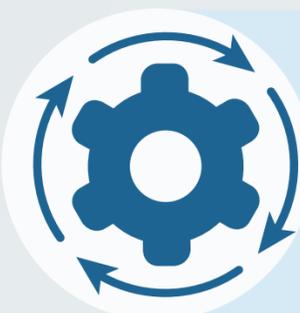
## PUBLIC ADMINISTRATION

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

# CONTACT US

FOR QUESTIONS, COMMENTS,  
AND DEDICATED SUPPORT

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**WEB**

[www.investinlombardy.com](http://www.investinlombardy.com)



**TEL**

+ 39 02 8515 5220



**EMAIL**

[info@investinlombardy.com](mailto:info@investinlombardy.com)