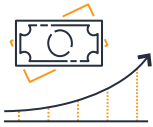# AWS Investment: Italy

Total AWS Investment

2 billion euros

Planned AWS Investment Associated With the AWS Europe (Milan) Region by 2029

Total AWS Economic Impact

3.7 billion euros

Gross Domestic Product (GDP) Contributed to Italy by the AWS Europe (Milan) Region by 2029

AWS Investment in Italy

The launch of our AWS Europe (Milan) Region adds to our history of continued investment in infrastructure and operations in Italy. AWS launched our first infrastructure in Italy in 2012, opening an Amazon CloudFront edge location in Milan that helps our customers to reliably offer low latency content to end users in the country using applications hosted at one of our global AWS Regions.

Growing demand for AWS services led to the launch of our AWS Europe (Milan) Region in 2020 with three Availability Zones (AZs), or clusters of data centers, located in Lombardy. The AWS Europe (Milan) Region helps our millions of customers store their data and run their applications in Italy, with the assurance that their data will not be moved between Regions without their consent.

AWS Investment Supports Italy

Planned AWS investment in t**he Region will contribute 3.7 billion euros to Italy's GDP by 2029.** The Region contributes to Italy's GDP by purchasing goods and services from local vendors, supporting the employment of local workers in skilled professions, and providing access to AWS services in Italy for our customers. Additionally, AWS services help our customers and AWS Partners provide services, grow operations, and reduce costs—increasing their revenue and supporting the employment of information technology (IT) talent.

Investment associated with our Region is estimated t**o support an average of 1,155 full-time employee, non-AWS jobs annually during 2020–2029.** AWS investment supports jobs at on-site vendors, as well as downstream jobs in the data center and consumer goods supply chains. The number of supported jobs varies annually according to the level and type of AWS investment. Most of the supported jobs are in skilled roles, such as construction and engineering, computer programming, and telecommunications.

AWS Training Grows the Digital Talent Pipeline

AWS invests in developing local IT talent through education, training, and certification programs to fill roles at AWS, customers' businesses, and AWS Partner organizations. In 2021, AWS launched re/Start in Piedmont, a program that provides hundreds of individuals from disadvantaged groups with training in cloud skills and direct connections to employers. The same year, we launched AWS GetIT, an initiative that invited over 3,000 students, ranging in ages from 12- to 14, to participate in an inter-school app-design competition to solve a real issue faced by their school or community. In higher education, AWS Academy provides Italian institutions—including the University of Rome La Sapienza, University of Rome Tor Vergata, Fondazione ELIS, and University of Bologna—with a free, ready-to-teach cloud computing curriculum.

AWS in Italy

AWS Europe (Milan) Region
Lombardy

Development Center
NICE Software in Asti

CloudFront Edge Locations
Milan (3)

AWS Direct Connect Locations
Milan (2)

AWS Offices
Milan, Rome

CloudFront Edge Locations
Rome, Palermo

AWS Enables Organizations To Build With Operational Excellence

AWS support programs help our customers and AWS Partners build cloud solutions for their end users with AWS services. AWS supports an AWS Partner Network (APN) in Italy to help AWS customers build, migrate, and accelerate their business in the cloud. The APN helps AWS Partners use AWS services to build innovative solutions and services for their customers by providing access to Partner-dedicated resources, training, and benefits.

AWS Infrastructure Provides Energy-Efficient Computing

AWS custom hardware enables our infrastructure to use dramatically less energy when performing the same computing as on-premises infrastructure. A study conducted by 451 Research shows that European businesses can reduce their energy use by nearly 80% by migrating their workloads to the cloud. Further, these businesses can reduce their carbon emissions by up to 96% when AWS meets its target to be 100% powered by renewable energy in 2025. By optimizing our data centers' power usage, design, and cooling, AWS can provide our customers in Europe with computing that's up to five times more efficient than the average enterprise data center.

Our Climate Pledge To Achieve Net-Zero Emissions

As part of Amazon's Climate Pledge, Amazon (and AWS) is committed to reaching net-zero carbon emissions across our business by 2040. A key component of our commitment is our current target of powering Amazon with 100% renewable energy by 2025. With over 15.7 gigawatts of renewable energy capacity, Amazon is the largest purchaser of renewable energy globally and in Europe. In Italy, our solar-agriculture farms in Mazara and Paterno will contribute 66 megawatts (MW) to the local grid, enough to power more than 20,000 homes, and save more than 62,000 CO_2 emissions a year—the equivalent of planting over 3 million trees. We are also planning an additional utility-scale solar project in southern Italy that will produce 40 MW of renewable energy once operational.

AWS Prioritizes Data Security and Compliance

At AWS, our business is founded on earning and keeping our customers' trust, and we know protecting customer data is key to achieving this. Many of our customers are subject to the EU's General Data Protection Regulation (GDPR), which ensures individuals' fundamental right to privacy and the protection of personal data. AWS declared 52 services under the Cloud Infrastructure Services Providers in Europe Data Protection Code of Conduct (CISPE Code), which independently verifies that AWS services can be used in compliance with GDPR. In Italy, over 100 AWS services and over 200 third-party cloud services built on AWS are accredited by the Agenzia per l'Italia Digitale (AgID) to meet government standards of data security, privacy, and compliance.