



REGIONE CAMPANIA

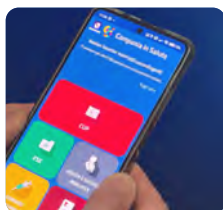


Funded by
the European Union



Growth, Cohesion, Innovation

100 ways of saying Europe



In programming European funds for regional development, the Campania region has invested in projects and services to help people, businesses and the region grow by strengthening social cohesion.

Companies have received aid to modernise production, expand into new markets and energy efficiency.

The skills of young people have been valorised, creating a favourable environment for innovation, capable of generating start-ups with new ideas and solutions.

Mobility has improved: public transport is now safer, more comfortable and sustainable and more than half of the buses are low-emission. New trains have upgraded metro lines, while old railway lines have been electrified, eliminating highly polluting diesel trains.

Thanks to European resources, public administration is becoming increasingly digital, starting with public health services.

Great attention has been given to the environment, including water protection and purification. The aim is to make the entire Campania coastline swimmable. Baia Domitia has been awarded the blue flag. Mountain territories and forests have been made more resilient to climate change.

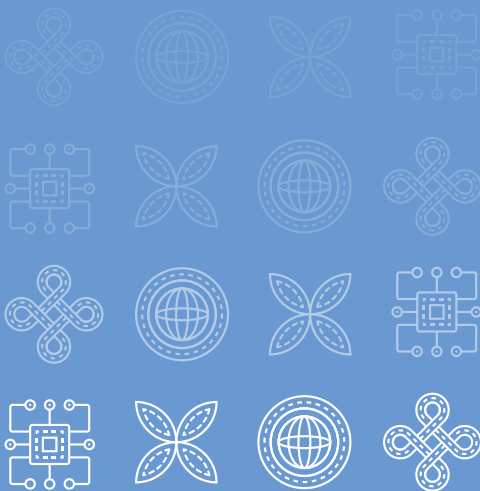
Municipalities were provided with equipment to improve differentiated waste collection. Medium-sized towns enjoyed specific development actions improving social, economic and urban aspects.

In addition, the flexibility of the Cohesion Policy made it possible to provide economic support and healthcare to families and businesses during the Covid-19 and the energy crisis triggered by the war in Ukraine. Solidarity and Growth are not alternatives. With territorial cohesion, Campania's competitiveness and development are strengthened.

ROP Campania ERDF 2014-2020

One Programme, many projects

One Region, **one hundred ways of saying Europe**



INNOVATION AND SUPPORT FOR COMPETITIVENESS

Growth and development

University, Research, Innovation

Digitization



REGIONAL GROWTH FUND

An instrument to support the competitiveness of the system



The Campania Region has set up the Campania Regional Growth Fund.

Thousands of Small and Micro Enterprises and freelancers have received financial resources to improve their production facilities and processes, favouring their market positioning and supporting the energy and digital transition.

2,772
BENEFICIARIES

2,282
COMPANIES

1,692 **590**
small medium

490
PROFESSIONALS

Through the Campania Regional Growth Fund, managed by Sviluppo Campania, the in-house company of the Campania Region, resources amounting to more than EUR 273 million have been allocated to 2,282 companies and 490 professionals to carry out actions in following areas

- **Digitalisation and Industry 4.0**
- **Security and social and sustainability**
- **New models**

The subsidies were granted in the form of a mixed financial instrument, covering 100 per cent of the eligible expenditure programme and divided into 50 per cent grants and 50 per cent interest-free financing.

A second edition of the Campania Regional Growth Fund is being supported with EUR 100 million from the ROP Campania ERDF 2021-2027.

GRANTS DISBURSED

€273mln
total

€240mln
businesses

€33mln
professionals

	BUSINESSES		PROFESSIONALS	
2,772 BENEFICIARIES	2,282	82%	490	18%
AVELLINO	208	9%	23	5%
BENEVENTO	210	9%	22	4%
CASERTA	298	13%	57	12%
NAPOLI	1,009	44%	286	58%
SALERNO	557	24%	102	21%

Garanzia Campania Bond support for enterprises through financing

Fostered the growth of Small and Medium Enterprises in the area through financing operations involving the issuance of Minibonds, backed by a public guarantee.

Garanzia Campania Bond made Campania the first region in Italy to issue Minibonds

(Seventh Italian Report on Minibonds, Politecnico di Milano, 2021)

The financial instrument made it possible to inject approximately EUR 200 million into the Campania entrepreneurial system by providing new finance to 90 local SMEs. sectors most involved were manufacturing with 20 issuing SMEs for EUR 42 million, agri-food with 13 issuers for EUR 27.5 million, and digital with 10 issuers for EUR 24 million. Other sectors involved include health, energy, logistics/transport, clothing, construction/infrastructure, commerce and automotive. As regards territorial distribution, the most active provinces were Naples with 47 SME broadcasters for 107.8 million and Salerno with 20 broadcasters and 46.4 million, followed by Caserta, Avellino and Benevento.

€198mln
bond issued

90
PMI members

€49.5mln
public
guarantee

ENERGY SERVICES**Digital transformation
and upgrading**

Through the EUR 2 million loan, Graded SpA, a company operating the energy sector, extended its reach to new production sectors including agro-industry and aerospace activities, technologically upgrading plants and accelerating the digital transformation process.

AEROSPACE**From Irpinia into the skies
of the world**

Through the EUR 3.5 million loan, Officine Meccaniche Irpine (OMI), which has been operating in the aerospace sector for 40 years, financed working capital, supported an advantageous raw materials procurement policy, and built new plants with advanced equipment and automated processes.



MOZZARELLA DI BUFALA CAMPANA PDO

**Investments and investors
for business expansion**



Through the EUR 3 million loan, La Contadina, a company engaged in the artisanal processing of buffalo "mozzarella di bufala campana" PDO (Protected Designation of Origin), expanded its processing area and diversified its production. A year and a half after the issue, the owners received visits from institutional investors and funds interested in the listing. Interlocutors that the company would never have been able to intercept had it not participated in the measure.

WINDOW AND DOOR FRAMES

**Production capacity and
warehouse for growing**



Through the EUR 2.5 million loan, Starpur, a company that manufactures aluminium-wood and pvc windows and doors, activated its development plan by improving its company rating, increasing profitability and the number of employees.

AEROSPACE

Campania
takes flight again

Through support for strategic projects, the competitiveness of the regional aerospace industrial system was strengthened, it favored synergies between complementary activities and it has consolidated a sector recognised for its technological and scientific excellence.

Among the most relevant initiatives are the CADIRA (Atmospheric Re-entry Capsule), CADIRASAT (Satellite Atmospheric Re-entry Capsule), MiniLab and SPIRO (Controlled Descent and Precision Landing System) projects. These projects have promoted the development of advanced technologies, unique in the world, for the autonomous and controlled re-entry of satellites, their recovery and re-use; biopharma and scientific experimentation in microgravity by means of intelligent modular minilabs for use on the International Space Station (ISS) and future ones; and precision landing systems. These innovations have equipped the production system with tools to increase efficiency and cost-effectiveness of space missions, opening up new opportunities in international markets

5
Launches
into orbit

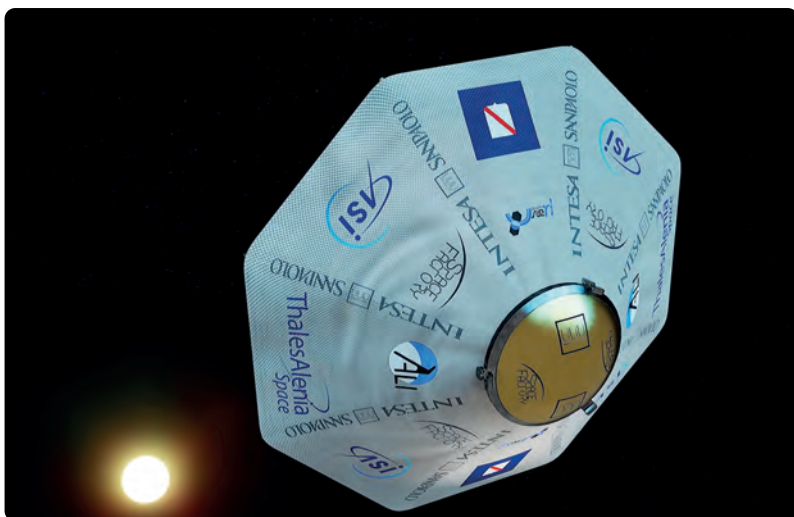


A significant milestone was reached with the successful experimental flight of the Mini capsule IRENE, a demonstrator of an innovative thermal protection system for re-entry into the atmosphere, designed and built by a team composed of the Space Factory group together with CIRA and the University of Naples Federico II - Department of Industrial Engineering.

The MiniLabs have enabled the realisation of scientific experiments on board the International Space Station (ISS).

Looking to the future, the results obtained have laid the foundations for the development of even more advanced technologies.

The IREOS 0 microsatellite, the first of the IRENESAT-ORBITAL family, which will use IRENE®'s autonomous re-entry technology, will allow MiniLabs to be taken into orbit without having to transit the ISS, significantly reducing time and costs. In addition, SPIRO will be used to guarantee a precision landing of the IREOS systems, ensuring the safe recovery of the MiniLabs. The new generation 2.0 and 3.0 MiniLabs will offer real-time remote monitoring of experiments and interactive intervention capabilities, further expanding opportunities for scientific and biopharma research.





The success of these initiatives was made possible thanks to a collaboration model involving key players in the sector: CIRA (Italian Aerospace Research Centre), DAC (Aerospace District of Campania) and the Space Factory group, consisting of Space Factory One, ALI, MarsCenter and Space Factory itself. The synergy between public institutions, research centres and private companies made it possible to develop a fertile ecosystem for innovation, turning ideas into concrete and applicable solutions.

From a scientific point of view, the results obtained have strengthened Campania's position as a hub of excellence in the aerospace sector. The technologies developed have helped improve the sustainability and safety of space operations, as well as providing fundamental tools for biomedical and biotechnological research in orbit. In addition, the sector has benefited from an increase in local skills, with a positive impact skilled employment and the attraction of foreign investment.

ULTRA BROADBAND

Infrastructure in optical fibre in “white areas”



Implementation of fibre optic infrastructure in “white areas”, those not considered commercially advantageous by private operators, in accordance with European guidelines.

Implementation of fibre optic infrastructure in 'white areas', those not considered commercially advantageous by private operators, in accordance with European guidelines. Particular attention was paid to the choice of areas to be reached by direct network connection. Priority was given to public administration offices and health centres, research centres and schools, as well as to companies operating in strategic sectors of the Campania economy, so as to enable the entire regional population to 'surf' the Internet at at least 30 Mbps (100 Mbps 80 per cent).

The 'Banda Ultralarga' plan is nearing completion with 90 per cent of the municipalities involved having seen the closure of construction sites and the testing of the publicly owned fibre network. More than 330,000 real estate units are in the testing phase with the possibility of connection over 100 Mbps.

527
municipalities

80%
100Mbit/s



Innovative Start-ups

Thanks to three calls for tenders that financed the birth and consolidation of innovative start-ups, the Campania Region ranks first in Italy for the number of start-ups led by under-30s, and third for the total number of start-ups (1489). This figure is consolidating year after year.

Naples and Salerno in the top 10 of Italian cities with the highest number of start-ups.

Thanks to the support of the Campania Region and a careful selection process fostered by a solid ecosystem of universities, research centres and trade associations, individuals are trained to create companies capable of introducing new elements in production processes or inventing innovative solutions or products, thus expanding and internationalising the regional market. The process of supporting the creation and consolidation of innovative entrepreneurial realities continues in the 2021-2027 programming period.

First

in Italy for number of start-ups led by under-30s

Second

in Italy for number of innovative start-ups and number of certified incubators

1,489

Start-ups

GREEN TECH SOLUTION

Marine debris removal

Green tech solution develops technological solutions for environmental services such as Litter Hunter, an innovative integrated system capable of identifying and recovering floating waste through use of drones and automated ships.



MEGARIDE

Advanced smart tires

Develops solutions to maximise the interaction between tyres and soil. It boasts partnerships with some of the biggest car and motorbike brands. It has benefited intelligently from many incentive measures launched by the region and has generated no less than three new companies. The team consists of over 35 people.

SIDEREUS SPACE DYNAMICS

Orbital vehicles

The Campania-based start-up aims to democratise space with an affordable and accessible transport service. Their EOS vehicle is entirely reusable and is able to land vertically, anywhere and safely, thanks to the most efficient re-entry propulsion system on the market.



ToBE**Light as a data source**

ToBe develops solutions based on LiFi technology that allows data to be transmitted through modulation of LED light. This is a perfect solution for hospital facilities without creating interference and problems with medical equipment.

**SANIDRINK****Bacteria-eliminating straw**

The Sanidrink project has resulted in recyclable and reusable straws. The innovative process enables elimination of bacteria, resulting in a waterproof straw that does not degrade with every wash.

UNOBRAVO**Online psychological support**

The online psychological counselling platform established in Casalnuovo di Napoli in 2019 has made psychological support and psychotherapy more accessible thanks to technology. In 2022, it closed a EUR 17 million round led by a New York-based venture capital and private equity firm. Unobravo's value has almost tripled to well over EUR 100 million.



SANTOBONO INNOVATION

No more casts for children's fractures

Santobono Innovation, a start-up created by the Santobono Pausilipon Foundation, has created a brace for the treatment of fractures or injuries of the musculoskeletal system that is washable and breathable, can be inspected and is compatible with diagnostic tests.



OFTEN MEDICAL

Fiber optic needles

The start-up has developed an innovative device based on technology, perfectly compatible with the 'of care' standard, which allows doctors to place needles and catheters in the epidural space, effectively eliminating procedure failures.



PHLAY FOR ART

Cultural-game experience

Integrated platform for a 'cultural-game experience' consisting of 'playing' sequences photographic images to the rhythm of music chosen by the user. It allows visitors to create a customisable video with their own device, processed from sequences of digital photographs ready to be 'played'.



SAN GIOVANNI A TEDUCCIO**From former industrial site
to technology hub**

Until the mid-1970s, the Neapolitan district of San Giovanni a Teduccio was associated with Cirio, a canned food factory founded in the second half of the 19th century in one of the periods of maximum urban and industrial expansion in Naples.

The area, with a strong working-class identity, experienced a downward spiral following the gradual and complete industrial decommissioning, with the fundamental financial contribution of European Union, Campania Region and Federico II University invested in an innovative urban regeneration project.

A public park open to the neighbourhood was built, followed by a 1,000-space underground car park and teaching modules with classrooms, laboratories, offices, event rooms and an auditorium.

60ksqm of urban
regeneration

**The only
Apple academy
in Europe**


In order to transfer the historical memory of the place to the students, some elements of industrial archaeology, such as the old smokestack integrated into the complex's ventilation system, are refunctionalised. Once the first artefacts were realised, the time came to bring the spaces to life.

The classrooms accommodate students of the Engineering degree course (Polytechnic School and Basic Sciences), and master's and doctoral degrees are activated. The laboratories of the Centro Servizi Metrologici e Tecnologici Avanzati della Federico II (CeSMA), which carries out advanced measurement and testing of new technologies, are set up.

Naples hosts Apple's only European Academy.

The Apple Developer Academy in Naples is not only the Cupertino company's first European academy,

it is also one of the few in the world open to an international audience. To support participation, the Campania Region through the European Social Fund has financed scholarships for all participants since the first edition.

The area is enriched with multifunctional spaces for students and teachers, and a 439-seat auditorium.

The vision of the Federico II University, the strategy of the Campania Region and the financial support of the European Union, mean that functional, avant-garde and interconnected spaces will be created, capable of attracting a range of public and private entities capable of fostering applied research, technology transfer and the formation of spin-offs and start-ups.





The main hub of regional innovation ecosystem.

A place for international training (which has so far involved 3,000 students) that guarantees a high rate of outgoing employment (95 per cent) and revitalises the eastern area of Naples.

New laboratories and classrooms for traditional and innovative teaching.

A new entrance was built (from Via Nuova Villa) users coming from the Circumvesuviana (via Imparato station), while the San Giovanni- Barra railway station became the terminus stop of the Naples metro Line 2. This has made it possible to connect the facility to an additional basin of 600,000 inhabitants

the Vesuvian and Salerno areas who can travel by means of the Local Public Transport service, which has been enhanced over the years with new trains purchased by the Campania Region with European funds. The San Giovanni Pole is a true innovation factory, varied and diverse and constantly expanding. The scientific-creative community of the Unina Polo of San Giovanni a Teduccio is on its way to becoming a self-sustainable and globally interconnected innovative ecosystem.

A European unicum able to work daily on building the future that is attracting new initiatives in the eastern area.



The Academies of the San Giovanni Hub

The Campania 'Academy model' has become a national and international benchmark. Currently, the San Giovanni a Teduccio Campus is home to the Academy headquarters of some of the most important global players in high-innovation sectors

APPLE DEVELOPER ACADEMY

The Apple Developer Academy is the firstborn among the Federico II's advanced training courses, born out of the collaboration between the University and the Californian company Apple with the support of the Campania Region.

DIGITA ACADEMY

DIGITA Academy (Digital Transformation & Industry Innovation Academy) was born from the partnership between the University of Naples Federico II and Deloitte Consulting.

5G ACADEMY

The 5G Academy, in collaboration with Nokia, TIM and the University of Naples Federico II, aims to train new specialised figures in the field of digital transformation and 5G technologies.

CISCO DTLAB NETWORKING BOOTCAMP

The CISCO DTLab is an Academy of excellence in the fields of networking, IoT, cloud and network security. It was born from the collaboration between CISCO and the University of Naples Federico II with the aim of training experts in the use of networking technologies.

CYBER HACKADEMY

The Cyber HackAdemy, born from a collaboration between Accenture and the University of Naples Federico II, aims to train university students in advanced cybersecurity issues that can arise in the management of complex networks.

CORE ACADEMY

The Core Academy focuses on the crucial areas of data analytics, digital transformation and accounting management, with a specific focus on sustainability, health, ethics and privacy. Since its foundation in 2021 and thanks to companies and sponsoring bodies such as KPMG Advisory S.p.A., DXC Technology S.p.A., Exprivia S.p.A. and the University of Naples Federico II From former industrial area to hub .





The Smart Infrastructures & Construction Academy is promoted by the University of Naples Federico II and TECNE - Autostrade per l'Italia Group and offers training to young graduates on the maintenance and management of road infrastructures and construction services.

The Quantum Computing Academy was founded in 2022 thanks to the collaboration between the University of Naples Federico II and Leonardo and is the first initiative in Italy on QT training.

The Agritech Academy is an advanced training course promoted by the University Federico II in collaboration with the companies and research centres of the National Centre Agricultural Technology (Agritech).

The PharmaTech Academy is an initiative promoted by the University Federico II within National Research Centre activity "Development of gene therapy and drugs with RNA technology" aimed at creating specific highly qualified professional figures to work in the chain from research to production.

Micron International Academy is an advanced training course for three-year and master's graduates in specific technical-scientific courses, promoted by the Federico II University in collaboration with Micron Italia.

The Academy for Women Entrepreneurs - AWE is a totally free international programme born out of the collaboration between the Federico II University and the US State Department (Bureau of Educational and Cultural Affairs), to support women and girls in the creation and/or development of entrepreneurial realities. From former industrial area to pole.



GIFFONI VALLE PIANA

Multimedia Valley



The Giffoni Multimedia Valley is a multipurpose facility covering an area of about 40,000 metres and housing technologically advanced screening rooms, multipurpose rooms, offices, 10 open spaces for co-working and parking areas. The structure contributed to providing a space dedicated to cultural entertainment, audiovisual productions and conventions and was functional to the natural expansion of the Giffoni Film Festival, which needed a physical location with more space than its original premises

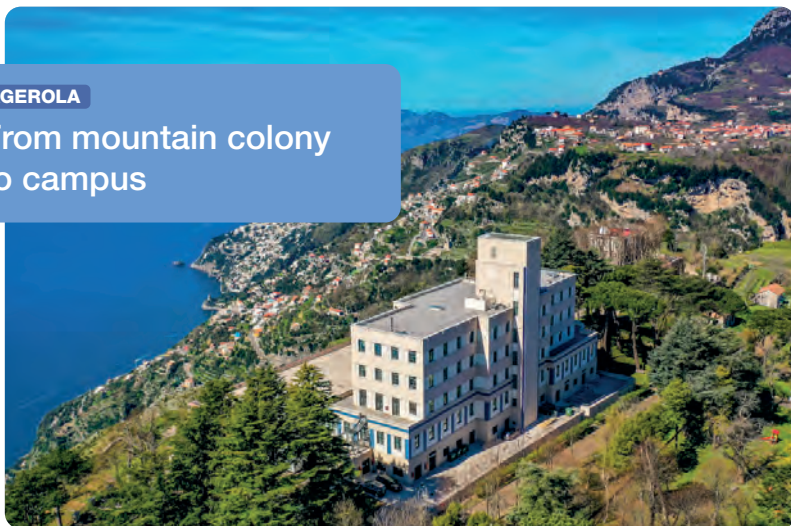


GIFFONI INNOVATION HUB

The Multimedia Valley has enabled the development of a creative innovation hub that aims to foster cultural and digital transformation. By bringing together companies, start-ups and talent, it aims to implement innovative projects through content and creativity capable of generating a positive impact for future generations that is measurable and quantifiable over time. Through internships and , events and call for talents, training paths are made available to start up the world of work in the audiovisual and digital sectors

AGEROLA

From mountain colony to campus



The structural restoration of a former 1938 mountain colony and its use as a centre for the dissemination of university culture and specialisation in the fields of gastronomy and tourism has been completed.

Through restoration, a building of historical and artistic interest has been returned to the community. Today it has new life, focusing on Agerola's vocation for hospitality, typical gastronomy and the valorisation of characteristic local products.

The Mountain Colony Park is now the "Principe di Napoli" Campus, a Gastronomic University.

The Colonia Montana is now the "Principe di Napoli" Campus, a Gastronomic University.

6
classrooms

23,000
sqm
of parkland

SMART CITY - BORGO 4.0**Lioni European model
of sustainable mobility**

Tangible and intangible infrastructures centred on a model of safe, connected and sustainable mobility project a small Irpinian village onto the international stage of urban and suburban smart roads. Borgo 4.0 has transformed Lioni (AV) into an open-air laboratory for autonomous and connected mobility, where roads, infrastructures, vehicles and citizens dialogue in a living, integrated network. In Lioni, every piece of data is transformed into value, improving road safety, optimising quality of life and environmental impact.

This project has transformed an inland community into an open-air laboratory for all cutting-edge automotive technologies

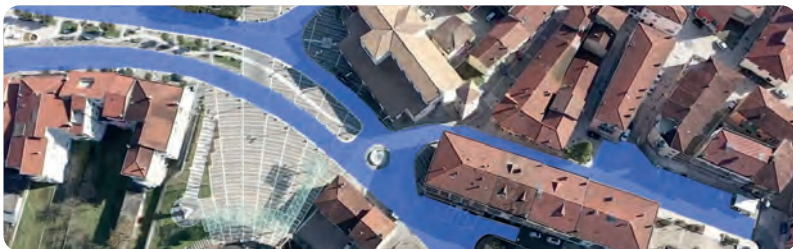


Borgo 4.0 is not just a technological initiative, but an integrated system combining sustainability, innovation and territorial development. 16 interventions including research infrastructures, research and development projects, model testing and derived innovation projects, with the involvement of ANFIA, 53 companies, 5 universities, as well as research centres, the CNR and 200 researchers: an ecosystem of excellence capable of revolutionising mobility. Among the most significant results were the realisation and experimentation of

- autonomous driving cars and vehicle-infrastructure dialogue systems for a connected and mobility
- hydrogen and full electric cars with ultrafast charging infrastructure connected to a biomass and power plant
- driving simulations and traffic scenarios, essential tools for urban planning and safety
- Lioni Smart city app that provides real-time information on traffic, charging services, parking, pollution levels and conditions
- Lioni for innovation app that allows users to view profiled and geolocalised multimedia information content on specific points of
- Control room for the management of the integrated technological platform with smart urban and suburban roads (smart street lights and barriers, sensors, use of AI and satellite technologies)

Lioni: a replicable example

The Borgo 4.0 project aimed to demonstrate how technology can be integrated in small towns, creating a balance between innovation and sustainability. Lioni is now a replicable model in other realities, capable of positioning Campania as a reference for connected and autonomous mobility at national and international level.



Technological districts and laboratories

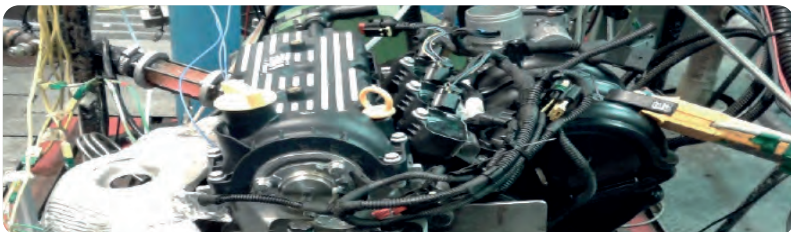


The Campania Region's Technological Districts and Public-Private Laboratories are containers of research-training-innovation aimed at fostering sustainable growth in an ever-changing global context. Supported by a network of universities, research centres, large enterprises, SMEs and public bodies in the region, their aim is to develop high-technology programmes capable of creating new entrepreneurial realities (spin-offs, start-ups) and new professional figures, also through qualified training courses; to enhance knowledge (patents, know-how) and generate significant socio-economic value at local, national and international level.

DATTILO

Green Powertrain, powertrains for sustainable mobility

Through the project, a newly developed engine demonstrator was developed to increase the energy efficiency of powertrains for land traction to be used, across the board, on different types of vehicles (passenger cars, commercial vehicles, buses, thermal rail tractors, trucks, etc.). Turbulence, combustion and detonation models were developed and implemented within the thermo-fluid dynamics model of the engine. In parallel, three-dimensional modelling enabled the calibration and optimisation of the one-dimensional models. The activities are aimed at study and synergic integration of advanced technologies to assess industrial compatibility.



CAMPANIA BIOSCIENCE

New tools for medical diagnostics and food traceability

The project has enabled the development of a number of products/processes in the field of advanced diagnostics, traceability and food monitoring. Thanks to the systems developed, it is possible to identify and dose various types of analytes. The research products find their place: in the environmental and food monitoring field, realising 'active' monitoring of production and purification processes; in the pharmaceutical sector, for the screening of new drugs; in the clinical field, in the diagnosis of various pathologies (diagnostic value), in the definition of disease progression (prognostic value) and in the verification of the effectiveness of pharmacological treatment (monitoring)



SMART POWER SYSTEM

Biomass valorisation systems

The project made decisive contributions to the development of knowledge and technologies for implementation of the bio-economy through the valorisation of marginal biomass for the production of biofuels and bio-resources. The bio-stem module of the project envisaged the implementation of an innovative technology for electricity generation with thermal storage from a solar source through integration of bio-syngas from marginal biomass to compensate for the non-programmability of the solar source. The biorecovery module involved the implementation of fluidised bed gasification and pyrolysis technologies, integrated with feedstock pre-treatment (pelletisation, torrefaction), for maximising yields in liquid or gaseous biofuels and improving their quality in relation to end uses.



DAC**Light aircraft, the revolution of low-cost composite materials**

Given their high cost and complexity, composite materials have always been the preserve of the very large aerospace manufacturers of commercial aircraft. Through the Tabasco project, technologies and manufacturing processes were rethought to make them available to general aviation aircraft manufacturers well. The project has created new and certified production standards (EASA and FAA) that have enabled the construction of aircraft (over 500) sold to flying schools, government agencies and private users worldwide. Throughout the project, carbon fibres were used for the primary parts, while glass fibres were considered as supporting materials for the interfaces, aerodynamic secondary parts and system infrastructure.

**STRESS****GRISIS - Risk Management and Infrastructure Safety at a Regional Scale**

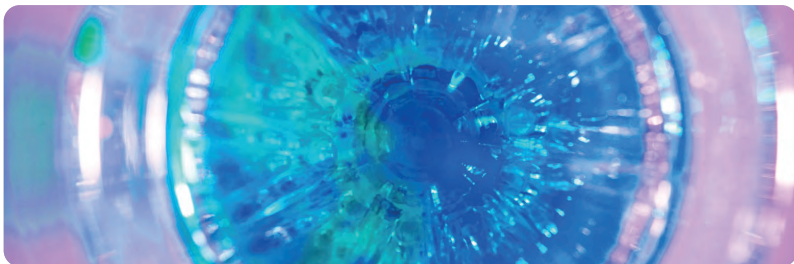
The project developed methodologies, techniques and procedures for risk assessment and safety management of large civil infrastructures and networks of goods and services on a regional scale. Research topics were addressed concerning the development of new technological solutions for the safety of such infrastructures, as well as methodologies and software applications for the assessment of natural (simic, hydrogeological) and anthropic risk scenarios on a regional scale, with the possibility of damage forecasts in order to identify effective risk mitigation measures.



SORRISO

Nanotechnologies for human tissue regeneration

The project used environmentally sustainable nanotechnologies for the design and synthesis of innovative devices in the dental and ophthalmic fields. Micro/nano-structured platforms capable of releasing bioactive molecules, including those of natural origin, were created to promote osseointegration and osteoconduction. Prototypical endo-osseous dental implants capable of imparting osteoinductive and antibacterial characteristics, without interfering with the regenerative processes of the tissue implant site, were developed. Cyclodextrin-based nanoplateforms were created that can release active ingredients in a controlled manner for the treatment of inflammatory diseases of the anterior and/or posterior segment of the eye.



TOP-IN

Optoelectronic technologies for marine and medical applications

The primary objective of the project was to demonstrate the potential of optoelectronic technology. In particular, fibre-optic-based devices were used to create new systems for detecting biological and physical parameters in both marine and medical applications. The project team designed and developed optoelectronic sensors for monitoring in the marine environment (Maritime Traffic Detection System, Low Frequency Acoustic Monitoring System, Static Parameter Monitoring System) and for measuring biomedical parameters (Fibre Optic Biosensing System for Vitamin O dosage detection).



IDRICA**Integrated monitoring and control of water resources**

The priority objective of the IDRICA project was to develop innovative technologies for the management of water systems and the valorisation and protection of environmental resources. A monitoring centre was developed based on webgis technology, mathematical models and software for the management and control of water systems. The following were designed and tested in the laboratory: a plant for the integrated management of groundwater and wastewater based on innovative and eco-sustainable materials; a prototype eco-sustainable pipeline with durable materials for rehabilitation; a pilot node containing sensors; a microbial fuel cell for wastewater treatment with energy recovery.

**ORCHESTRATOR****Improve the efficiency and sustainability of airport hubs**

The platform acts as an airport orchestrator by analysing the information received and implementing, also through extended collaborative decision making, the appropriate actions towards the stakeholders involved in the process. The project made it possible : identify the various processes involved airport operations; model the information flow; develop an information flow management strategy; research the semantics needed to interpret everything that happens in an airport context and transform it into value-added information; research predictive models capable of providing indications of any expected criticalities with the relative levels of reliability; study new technological solutions to increase functionality and sustainability; and study and introduce new functionalities. Technology clusters and laboratories .



Research and innovation for the fight against pathologies



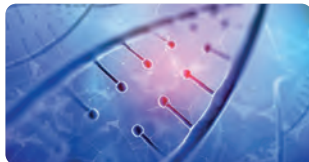
Since 2016, the Campania Region within the framework of the Intelligent Specialisation Strategy (RIS3 Campania) has embarked on a path of specialisation in the oncology sector by creating a Life Sciences Ecosystem made up of Universities, Research Centres and Institutes, Accelerators and Infrastructures, Technological Districts, IRCCSs and Hospitals, Consortia and Aggregations, Private Investments. This Ecosystem, with the economic support of the Programme, has launched a Regional Plan Against Cancer. A unique strategy in Italy that has enabled a chain intervention along three lines with 44 funded research projects, implemented by 166 beneficiaries in order to improve early diagnosis, treatment care for patients suffering from the various cancer pathologies. Research infrastructures Technology platforms transfer.

44
projects

166
beneficiaries

3
lines
of research

Research infrastructures
Technology platforms
Technology transfer



C.I.R.O.**Biological Imaging
Research in Oncology**

The Campania Imaging Infrastructure for Research Oncology (CIRO) project is a nationwide research infrastructure capable of promoting a scientific research process of excellence to combat oncological diseases. CIRO has expanded biological and medical imaging technologies by including analytical techniques such as mass spectrometry and hence mass-imaging, combining microfluidics with microscopy, developing high-content screening (HCS) techniques thanks to the acquisition of more advanced instrumentation, the synthesis of radiopharmaceuticals for PET or other in vivo investigations. In addition, the project has networked the Research Centres of Excellence in the Campania Region, thus making it possible to offer advanced technological services in the various fields of bioimaging or image analysis BBMRI.it and the European Network.

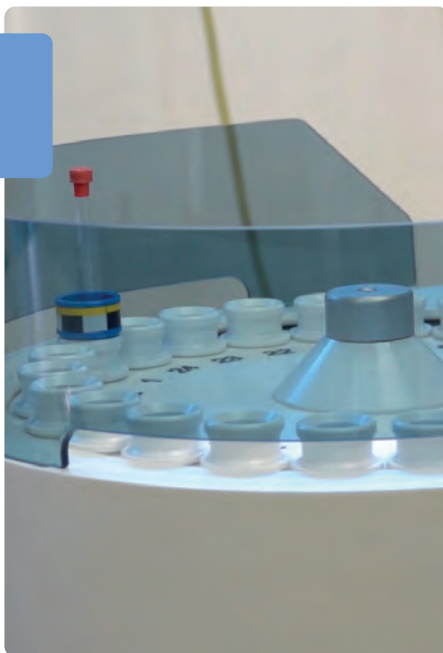
**GENOMA & SALUTE****Targeted therapeutic
strategies**

The Infrastructure's main mission was to expand knowledge of the human genome, including genetic and epigenetic alterations that cause diseases. It was aimed at identifying new therapeutic strategies, offering patients targeted therapies, taking into account their genes, lifestyle environment. The infrastructure was proposed as a concentration of innovative technologies and expertise combining basic and translational research in Genomics and Informatics applied to Medicine and related fields.

PREMIO

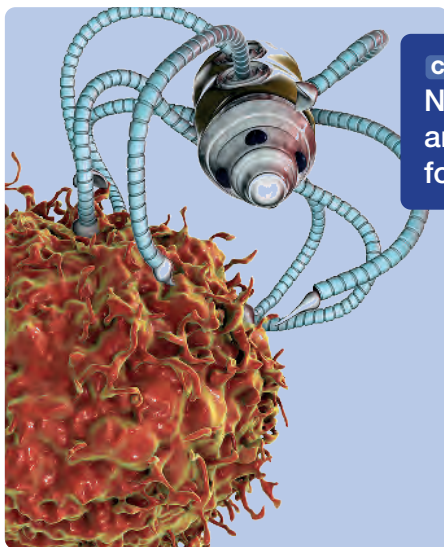
Precision Medicine in Oncology

Through the Research Infrastructure, a regional network consisting of 4 Level I biobanks, 5 Level II biobanks (Macro-territorial) and 5 Level III collection centres strategically distributed throughout the region has been set up. The High Specialisation Centres are fully structured, fully operational and networked to enable the services required to implement the complete chain of translational research in support of Personalised and Precision Medicine. The development of an IT Platform, on the other hand, guarantees the connection between the biobanks of the Regional Network and their connection to the National BBMRI.it Network and the European Network.



C.N.O.S.

Nanophotonics and optoelectronics for human health



The Research Infrastructure has generated a series of new-generation technological laboratories, equipped with advanced instrumentation and designed to support excellence research in the field of precision medicine with particular reference to diagnostics and precision therapy of tumour pathologies. The results include 40 scientific publications in prestigious international journals and 5 patent applications with applications in the medical sector.

BARTOLO**The robotic arm**

Detected two urinary biomarkers for prostate cancer detection. Designed and prototyped a robotic arm capable of moving a biopsy needle and directing a transrectal probe. Developed image-fusion software that enables navigation in MRI. Developed a fibre-optic sensor needle that uses a light beam to acquire elastometric data on prostate tissue, developed a machine learning system for predictive medicine.

**EMORFORAD CAMPANIA****Diagnosis and therapy personalisation**

Among the main achievements we highlight the use of traditional tissue morfo/phenotyping methods and on digitised preparations; cutting-edge radiomic techniques; the generation of small molecules/ antibodies aimed at new molecular targets; the development of superior diagnostic tools, both in the radiomic and 'pathomic' sense; the creation of a database (radiological, imaging, radiomic, traditional histopathological, digital histopathological-morphophenotypical, response to surgery, radio-chemotherapy, and follow-up).



ICURE

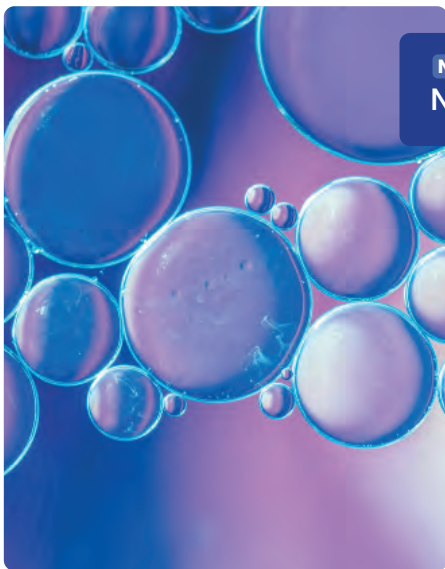
Precision medicine for genomic assessment

Research has led to the development of: new diagnostic methods in the field of precision medicine for the genomic and epigenomic evaluation of the 'tumour identity card' at the individual level; new culture models and in vitro development of three-dimensional structures to identify customisable anti-cancer drugs; completion of two 'phase 2' clinical trials for 139 patients with metastatic colorectal cancer resistant to treatment with conventional drugs; preclinical development of several potential new anti-cancer drugs, some of which are at an advanced stage of patent evaluation both nationally and internationally.



NANOCAN

Nanophotonic technology



The Project has enabled the design and validation of 'smart' systems for the controlled delivery of chemotherapeutics and monoclonal antibodies for breast cancer and liver cancer. The systems are capable: concentrating and protecting active ingredient while preserving its efficacy; circumscribing the biological effect on tumour cells only; and significantly reducing side effects thanks to specific target cell targeting. These systems will be integrated on fibre-optic devices (patent pending).

SYNERGY-NET

Digital Solutions to Fight Cancer



The project's activities enabled the development of an integrated technology platform to improve and enhance the predictive capacity of oncological screening (in the pre-clinical phase: early diagnosis) of seven types of carcinoma. In addition, a computerised diagnostic technique was developed that segments suspicious tissue regions for physician's attention. This makes it possible to identify a probabilistic value associated with the benignity/malignancy of the region of tissue being analysed. Research and Innovation for the fight against diseases.

SANTO BONO HOSPITAL IN NAPLES

Ear's surgery



At the Santobono Hospital in Naples, the first in Italy, cochlear implant prosthetic surgery and minimally invasive and endoscopic ear surgery are performed with the Robotol system, a latest-generation robotic platform capable of replacing the human hand in delicate gestures required in prosthetic ear surgery.

The purchase of the machine makes it possible to overcome the problems of involuntary micro-movements and limited visibility angles in the most tortuous areas of the ear.

Moreover, thanks to the machine installed in the operating theatre of the Otorhinolaryngology Complex Operative Unit and Regional Reference Centre for cochlear implants in paediatric age, it will be possible to increase the so-called 'two-handed' endoscopic surgery, i.e. mini-invasive surgery of the middle ear. A technique that, due to its difficulty of execution, is still little used in Europe.

SINFONIA**Digital Services
for Healthcare**

With the realisation of the 'Health Information System' - SINFONIA - the Campania Region started the digitalisation of services.

The first application of the system took place during start of the COVID19 pandemic phase with the release of the 'e-Covid SINFONIA' App, which enabled the citizens of Campania to view all the results of Covid tests/vaccinations, downloaded by over three million users. Since the first application, the system has evolved to provide a range of services.

The digital health services can be used through the mobile App "Campania in Salute" and the web portal "Salute del Cittadino".

630k

CUP Booking

440k

Doctor changes

375k

Self-certifications for income exemptions

5.5mln

Authenticated accesses

600k

Download App Andorid

250k

Download App iOS

Active digital health services



TELEMEDICINE

Teleconsultation After the first visit it is possible to carry

out subsequent check-ups directly from home, without going to the surgery or hospital. Teleconsultation Specialists from different hospitals can connect with each other to identify the best treatment pathways suited to the patient's needs



REGIONAL CUP

You can book a specialist service for yourself or your

loved ones. Choose the province of preference, view availability, ordered according to the priority class indicated by the doctor on the prescription. Pay the ticket (PagoPA). Check the booking history



ELECTRONIC HEALTH HISTORY FILE

Through the service you

can consult your medical history, scrolling through the list of health documents (certificates, diagnoses, prescriptions) generated by public and private facilities. In cases of emergency, the Fascicolo provides emergency physicians with the information they need for correct and timely intervention.



SELF-CERTIFICATION FOR TICKET EXEMPTIONS

is possible to enter self-certification of income to obtain ticket exemptions. Check the exemptions already active for yourself and your minor children



CHOICE AND REVOCATION OF DOCTOR

Through this option you can select or change the general practitioner or paediatrician for your children. It is possible to download the health booklet



PRIMARY VACCINAL SUPPLEMENT

The service allows you to view the history of doses administered and the calendar of upcoming vaccinations. Plan your children's vaccinations. Check coverage status, recalls and any non-compliance.

The digitalisation of services is part of the Campania Region's simplification plan for a Public Administration at the service of citizens, families and businesses.

OPEN INNOVATION

Matching platform for innovators, public administrations and businesses



Open Innovation Campania is one of the first platforms in Italy aimed at facilitating dialogue between businesses, public administration and innovators. Its aim is to foster the competitiveness of the Campania system on a national and international level.

Marketplace Innovation Showcase Community

The three pillars make it easy to enhance and deepen one's own content through fundamental data for the analysis of innovative solutions, such as 'Trend Tech Topic', which allows one to identify patents, scientific articles and initiatives in one's own sector through the use of open data. An automatic matching system, on the other hand, stimulates collaborations with help of artificial intelligence.

1,936
Users

402
Organisations

71
Challenges launched

207
Challenges responses

174
Innovations
in showcase

FEDERICA WEB LEARNING

Accessible and free university education



Federica Web Learning is the European leader in open access multimedia education. Supported by European funds as part of the 'Digital Factory' project, it is developed by the University Centre Innovation, Experimentation and Dissemination of Multimedia Didactics of the University of Naples Federico II.

Federica.eu figures in the world's top ten for production of Massive Open Online Courses (MOOCs).

Furthermore, Federica fully realises the objectives of access to culture, labour market inclusion and digital innovation in terms of remote accessibility, bringing the public university, for free, directly to people's homes.

550
MOOC

2,500
Lessons

7,500
Videos

50,000
Slides

900,000
Users

DIGITAL ECOSYSTEM OF CULTURE

Digitisation of the cultural heritage



The Digital Ecosystem for Culture was born from the integration of three major digitisation projects of Campania's cultural heritage. A large archive, constantly being updated, through which it is possible to visit places of culture and access the most prestigious collections. The initiative has enabled Campania, the first region in Italy, to offer citizens and tourists customised immersive experiences, encouraging the work of researchers and stimulating businesses to develop solutions and services based on open and interoperable data.

+6mln
digitalised
works

115
3D reconstructions

Italy's first Digital Ecosystem for Cultural Heritage, bringing together 7 cultural fields (Archaeological, Archival, Bibliographic, Cinematic, Musical, Historical-Artistic and Theatre) in a single information system



CAMBIAMENTI DIGITALI

Digitalisation of schools



'CambiaMenti Digitali' was a digitalisation programme aimed at secondary schools in Campania. The programme consisted of two main interventions. The first intervention set up educational laboratories and technology platforms to promote the use of innovative technologies, stimulating the development of skills related to new forms of communication and fostering collaborative innovation. The second intervention focused on the development of innovative teaching methodologies. Forty funded projects involved 200 schools.

200
schools

40
funded
project

FIBRE OPTIC ON PHLEGREAN RAILWAY LINES**Connectivity services for Cumana and Circumflegrea**

Fibre optic network connectivity services were implemented on EAV's Cumana and Circumflegrea railway lines.

The laying of 3 cables with 64 optical fibres provides connectivity to the railway signalling systems while also offering data networking to the regional infrastructure.

The physical infrastructure built and the connectivity provided help implement the platform on which user services for simple, fast, interconnected and flexible integrated mobility will be based. The intervention is part of the broader fibre optic connectivity project of the entire regional railway network.





ENVIROMENT, CULTURE, TRANSPORT

Protection of the natural heritage

Prevention of anthropogenic and cultural risks

Enhancement of the cultural heritage

Sustainable and modern transport



ENVIRONMENTAL REDEVELOPMENT

Blue flag
for Domitian Coastline

The blue flag awarded to the marina of the municipality of Cellole (Baia Domitia) seals the completion of the environmental redevelopment project of the Domitian coast wanted by the Campania Region and co-financed with European resources, which has allowed the completion of the sewage systems and the adaptation and upgrading of the purification systems.

The remediation affected seven municipalities in the Caserta area: Carinola, Cellole, Castel Volturno, Francolise, Mondragone, Sessa Aurunca and Villa Literno.

Type 1 interventions:

integration of sewerage and drainage systems to connect new areas to existing purification plants

Type 2 interventions:

construction of new purification network with related sewer connections



HYDRAULIC REDEVELOPMENT

Redevelopment of Phlegraean Lakes



The project has achieved the hydraulic rehabilitation of the basins Lakes Averno, Lucrino, Miseno and Fusaro. By constructing, renovating and adapting the sewage system in the municipalities of Pozzuoli, Bacoli, Monte di Procida and Quarto, a new purification network was created to channel previously untreated waste water to the plants.

The installation of new street furniture, lighting and video surveillance systems, and the restoration of bicycle and pedestrian paths around the lakes has revitalised the system of tourist and seaside businesses operating in the area.



REGI LAGNI ENVIRONMENTAL REHABILITATION

Modern and sustainable
water purification

Rehabilitation and regulatory compliance work was carried out on the regional purification plants of Acerra, Cuma, Estuary of Regi Lagni, Marcanise and Napoli Nord, which serve a population of 2.4 million people living in 72 municipalities located in the provinces of Naples and Caserta. Technologies were used to eliminate chemical purification processes and adapt the service to the changing needs of the territory, which has grown both demographically and in terms of production.

The strategic objective of the intervention was to restore complete functionality to each individual plant

5
repurposed
plants

72
municipalities

2.4mln
served citizens



SARNO RIVER

Strategic programme for environmental redevelopment and combating hydraulic risk



The Strategic Program for Environmental Redevelopment and Flood Risk Mitigation of the Sarno River, approved by the Regional Council of Campania, is allowing the implementation of a comprehensive set of works across the entire hydrographic basin of the river, which covers an area of approximately 500 square kilometers. The Campania Region has gone beyond the framework of the Great Sarno River Project, which excluded from the interventions large portions of the basin's territory (including the eastern slope of Mount Vesuvius and the municipality of Torre Annunziata) and, even more critically, did not foresee any intervention of a sewage-treatment nature.

A reorganization of the works has therefore been initiated, defining two main sectors: one concerning the mitigation of hydraulic (flood) risk and the other concerning environmental remediation.



With reference to the Environmental Remediation Sector, the interventions have been divided into:

- Completion of sewer networks
- Completion of inter-municipal collectors
- Upgrading of wastewater treatment plants

The Hydraulic Risk Mitigation Sector, on the other hand, has been divided into three territorial areas:

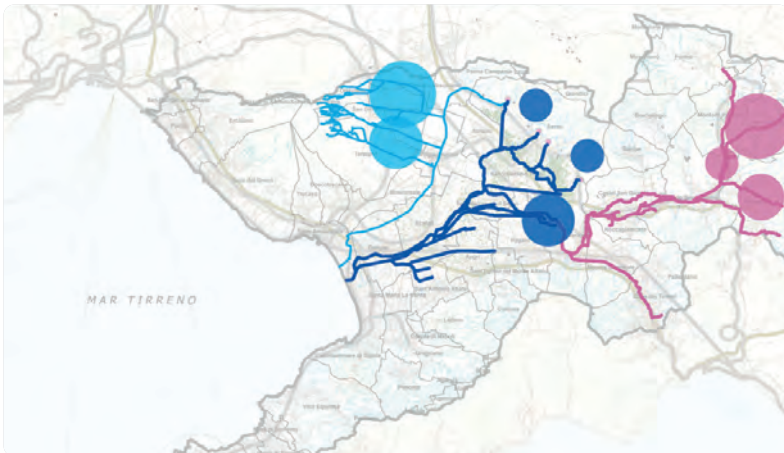
- Sarno River from mouth to source and the Comune Nocerino canal up to the Cicalesì Basin
- Comune Nocerino canal upstream of the Cicalesì Basin; Solofrana and Cavaìola streams
- Vesuvian basins and Sarno containment canal

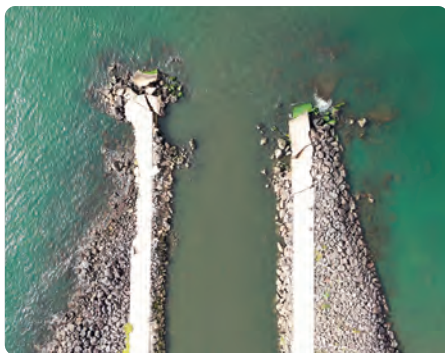
The works, which have been started, have, in order to be completed, intense

administrative activity to receive the necessary financial support, also through new sources of financing.

This has allowed the composition of a single strategic programme for environmental rehabilitation and combating the risk hydraulic risk of the Sarno river.

An integrated strategy that provides for the restoration of the hydraulic functionality of the river, its tributaries and the existing collection basins, the construction of an integrated system of lamination basins and the completion of the sewage-depuration system.





From the sources to the mouth

The area covered by the interventions included in this work lot occupies an area of more than 220 km². It encompasses the entire course of the Sarno river, its tributaries and a portion of the Comune Nocerino channel, the one that runs from the Cicalesì basin to the mouth of the Sarno river. The purpose of the work is to adapt and arrange the watercourses and restore the functionality of the collection basins, present in the area concerned, in order to prevent overflow phenomena, also providing for subsequent extensions. The implementation of the design solutions, downstream of the hydrological modelling that analysed the dynamics of the flooding by assessing the most difficult points and identifying the areas that can be flooded by varying atmospheric events, will make it possible to overcome the existing criticalities and mitigate their effects already in the medium term..

Comune Nocerino canal, Solofrana and Cavaiola

The interventions involve a mountainous and piedmont territory of 225 km², defined by the hydrographic basin of the Comune Nocerino canal (stretch between the Cicalesì basin and the confluence of the Cavaiola stream) and the hydrographic basins of the Solofrana stream and its tributaries (Calvagnola, Lavinaio and Rio Laura streams). The Strategic Hydraulic Risk Mitigation Programme for Lot 2 envisages the optimisation of the functionality of the Pandola basin and the construction of 7 new lamination basins (Pozzello, S. Bartolomeo, Calvagnola ASI, Calvagnola Settefichi, Lavinaio 1, Lavinaio 2, Casarzano). The design works, which envisage an integrated system of lamination basins, follow the indications contained in the hydrological-hydraulic modelling that analysed the floods in the area concerned with the aim of providing a solution to the problems related to the overflow and flooding phenomena that plague the vast territory crossed by the Sarno river and its main tributaries (Solofrana, Comune Nocerino canal, Cavaiola, etc.) during even meteorological events.

7
new basins



Eastern slope of Vesuvius and Conte Sarno canal



The area affected by the interventions of the third lot falls within the catchment area on the hydraulic right of the Sarno river and also includes the north-eastern sector of Mount Somma-Vesuvius. This is the Vesuvian area, which includes the municipalities of Ottaviano, San Giuseppe Vesuviano, Terzigno, Boscoreale, Pompei, Scafati, Torre Annunziata and Poggioreale. With reference to Lot 3, the strategic programme to combat the hydraulic risk provides for the restoration of the hydraulic functionality of the existing Vesuvian collection tanks, as well as expansion of the Pianillo tank, the restoration of the hydraulic functionality of the Conte Sarno canal in its current configuration, and the completion of its route from the municipality of Pompei to the coastline.



Completion of sewerage networks



The work is completing the sewerage systems of the municipalities in the Sarno basin. At the end of the works, over 90% of the territory will be equipped with sewerage services and connected to the purification plants. In addition, through the works in progress, 113 untreated sewage discharges will be eliminated from the Sarno river and, more generally, in the surface water bodies of the catchment area.

50/113
discharges into
the environment
eliminated

data as at 30/10/2024



Completion of district collectors

The territory of the Sarno river basin is divided into 5 different areas defined as sewerage and purification districts". Compensorio "Alto Sarno"; Compensorio "Medio Sarno1"; Compensorio "Medio Sarno 2-3"; Compensorio "Medio Sarno 4"; Compensorio "Foce Sarno".

Completion of the sewerage networks and connecting collectors will allow the district system, consisting of a network of sewerage collectors of modest size that collect the waste water of the municipalities to it, to be connected to the relevant purification plants.



Upgrading of depuration plants

The completion of the sewerage schemes in the municipalities of the Sarno river basin is increasing the amount of waste water sent to purification. Therefore, the upgrading of the plants has been planned. Besides increasing the treatment capacity of the plants, all of which are biological 'activated sludge' type, they will be optimised to improve the economic and environmental sustainability of the process. Sarno River, cleaning and making.

HYDROGEOLOGICAL RISK MITIGATION

Securing the mountain area



Through a two-year plan (2022-2023) that involved 20 mountain communities, 4 provinces (Avellino, Benevento, Caserta, Salerno) and the metropolitan city of Naples, maintenance and renaturalisation works of green infrastructures functional to the reduction of risks related to climate change were carried out on a forest area of about 90 thousand hectares.

The extraordinary maintenance action to prevent landslides, floods and fires, has allowed hydraulic works, cleaning and consolidation of riverbeds, with the aim of widening and improving runoff conditions and reinforcing bank stability.

90k
hectares

20
mountain
communities

4
provinces

SEPARATE WASTE COLLECTION

Equipment for a modern system



The regional administration has invested cohesion policy resources in the implementation of a modern and effective separate waste collection system. This has favoured the 'door-to-door' collection service, which provides for the periodic collection from users' homes of urban waste, broken down by product fraction (organic, glass, steel, aluminium, paper and cardboard, plastic, dry non-recyclable waste).

Equipment was provided to support the municipalities of Caivano, Capua, Casandrino, Casavatore, Castel Volturno, Forio, Gricignano d'Aversa, Maddaloni, Marano, Mondragone, Naples, Nocera Inferiore, Pagani, San Marcellino, Sant'Antonio Abate, Sant'Arpino, Villa Literno, Villaricca.



VESUVIUS STATE ROAD "268"

Opening of Angri new road junction



The opening to traffic of the new Angri junction in the province of Salerno has provided a direct link between the 'Vesuvius' state road 268 and A3 'Napoli-Salerno' motorway.

The opening has strengthened and widened a road artery that serves as the main escape route in the event of an emergency, primarily in connection with events related volcanic and seismic activity in the area.

Traffic was thus able to enjoy entire 31km section of State Road 268, from the municipality of Cercola to the municipalities of Angri and Sant'Antonio Abate, thus completing the network of connections with the A1, A16 and A30 motorways.



HYDROGEOLOGICAL INSTABILITY

Restoration and consolidation of provincial's roads



Following heavy rainfall in 2013 and 2014, landslides occurred along several roads in the province of Salerno, especially on the southern side. Significant landslides disrupted traffic on numerous roads, so action was taken to restore and secure the slopes and areas affected by serious hydrogeological instability.

Twenty interventions were carried out on provincial roads and former state roads. The works made it possible to make the territory safe and make the roads subject to intervention passable for the entire width of the carriageway.



REGIONAL RADIO NETWORK ENHANCEMENT

New technologies for emergency communications



The upgrading and expansion of the new regional radio network for emergency communications in support of the civil protection system has made it possible to create a high-capacity multi-channel radio link backbone for voice-data communications. The solutions adopted allow high reliability.



Cultural and Creative Enterprises



Cultural and Creative Enterprises are an essential tool for fuelling local development processes. As recognised by the European Commission, they play a crucial role in increasing the attractiveness of territories by fostering sustainable and inclusive development processes. This is why the Campania Regional Council has granted incentives for the 'Culture Production System' and the development of 'New products and services for cultural tourism', supporting existing enterprises, aiming at their strengthening and the renewal of the entrepreneurial base, and also stimulating the start-up of new enterprises engaged in technological experimentation..

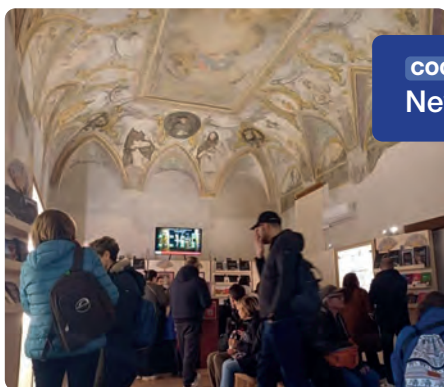
90
enterprises
supported

**Cultural and
creative
entrepreneurship
as a pillar of
development
in Campania.**

PIXXA

A tourist in your region

'La Mia Campania' is the first tourist app dedicated not to tourists but to the inhabitants of the region. A mobile app for the promotion of regional tourism that offers information, tourist services, guides and, above all, events. It aims to encourage citizens of Campania to discover experiences, valuable places and 'events around you'. 'Tourist in your Region', is the motto



COOP4ART

New infopoint at the catacombs

Through the RI-Scopriamo la Sanità project, a new info point managed by the cooperative la Paranza has opened, at the service of the entire city. It is located at entrance to the catacombs, inside the Dominican Cloister, annexed to the Basilica of Santa Maria della Sanità, in a building that used to serve as the convent's Old Pharmacy.

LA TERRA DEI MITI

Augmented reality

The Land of Myths manages, together with the Campi Flegrei Archaeological Park, one of Pozzuoli's symbolic monuments, the Macellum (Temple of Serapis). Through a virtual reconstruction, visitors can be shown what the food market of the ancient city of Puteoli actually looked like.



MUSEUM OF TRADITION

Space for food and wine

A Museum of the Food and Wine Tradition of the Campania Region has been created, which, thanks to the work of a multidisciplinary staff, allows visitors to grasp, along with the flavours of the products, knowledge and identity of the territory in which they are produced. The exhibition rooms house numerous objects belonging to the history of Neapolitan cuisine. A specific area is dedicated to events, where educational workshops are organised



CRISTALLINI HYPOGEUM

Hellenic architecture rediscovered

The project has made it possible to restore to the public the vision of an ancient Greek tomb, the Cristallini Hypogeum, which is perhaps the only evidence in Naples of Hellenic funerary architecture. Located in the heart of Sanità-Vergini has added a valuable piece to the Rione's recovery operation.

BIKEHOUSE

Irpinia BikeHouse

A cycle tourism activity has been launched in the heart of the Monti Picentini Park through organisation of tourist routes. Some are to be tackled using bicycles equipped with assisted pedalling, others are reserved for trained users, others are suitable for the disabled or designed for families with children. Cultural and Enterprises.



RELIGIOUS TOURISM

Upgrading and securing
of sanctuaries

Through the financing of interventions aimed at upgrading, recovering and making safe shrines in Campania, places and structures of worship with a high historical and symbolic value have been made safe, also for the purpose of developing or revitalising religious tourism flows. The 53 regional sanctuaries involved in the project are repositories of cults of consolidated tradition, as well as destinations of ancient pilgrimage routes. The interventions have functional, structural and plant upgrading, also through energy efficiency and seismic risk safety solutions, improving the accessibility and usability of the sanctuaries' outdoor areas.

53
recovered places
of worship



THE NETWORK OF VILLAGES IN CAMPANIA

Villages, health and wellness



The 'Rete dei Borghi in Campania' project was created with the aim of repopulating the small municipalities and villages in Campania and promoting a lifestyle of wellness and health. The project also aims to preserve the rich cultural, architectural and traditional heritage of Campania's villages. This ambitious initiative aims to involve local communities, institutions, cultural bodies and stakeholders with a view to sustainable development, tourist enhancement and knowledge of Campania's treasures. A total of 334 municipalities, grouped in 48 networks, took part in the public tender launched through the regional company Scabec. These networks will also serve to disseminate energy communities, a tool for the production of renewable energy.

334
municipalities

48
networks

NEW ECO FRIENDLY AND SAFE BUSES

Renewed the regional road fleet



1,501 new environmentally friendly and technologically advanced buses have been purchased and delivered to local public transport companies. The programme provides for the commissioning of 1,685 new vehicles by 2025, which will enable the renewal of 60% of the regional road fleet.

The new vehicles are powered by diesel (Euro 6), hybrid, natural gas and electric vehicles.

Intelligent transport systems are installed in each vehicle to improve on-board safety and service quality. The electronic devices are also effective in supporting Civil Protection operations by facilitating evacuation operations.

1,685
New buses

60%
Renewed fleet



REGIONAL RAILWAY

Safety and comfort on Campania's tracks



Renewed the fleet and relaunched Trenitalia's commuter transport in Campania with 24 trains purchased.

Equipped with high standards of safety, reliability and accessibility, they have increased travel comfort and improved the regularity of the service.

The new vehicles are mainly used in the metropolitan and suburban areas of Naples and on the lines connecting Salerno and Caserta. The new trainsets have also had a positive impact on the environment by replacing, in some cases, the diesel trains previously used, with a reduction in CO2 emissions into the atmosphere of around 2 million kg.

24
new trains

-2mIn
kg of CO2
in atmosphere



NAPLES METRO LINE 1

New vehicles to increase the frequency of train runs



The Region of Campania has purchased ten new-generation trains for use on the Naples metro route, allowing a gradual strengthening of the Line 1 transport service with a gradual increase in frequency. The new trains have greater capacity and accessibility. They can hold up to 1,200 passengers and are equipped to carry up to four wheelchairs for the.

10
new trains

The new trains have also improved passenger comfort by being equipped with air conditioning and a noise reduction system.



NAPLES METRO LINE 6

The line with 4 new stations has been activated

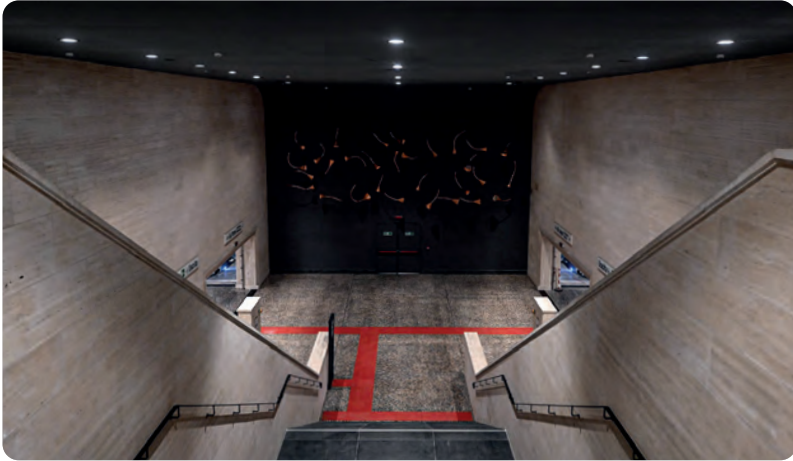


With the opening of the Arco Mirelli, San Pasquale, Chiaia and Municipio stations, the service of Line 6 of the Naples metro was activated, which also includes the previously completed Mostra, Augusto, Lala and Mergellina stops. The completion of the second section of Line 6 has enabled the commissioning of a line that originated from the 'Linea Tranviaria Rapida' (LTR) project drawn up in 1990. The new stations have also made it possible to enhance areas of the city, optimise road and pedestrian layouts, and interconnect with the Line 1 Metro station at the Municipio interchange station.

With the new trains coming in, Line 6 will be able to carry 7,600 passengers - per hour and per direction - contributing to a metro system that moves around 45 million passengers a year but is working to expand and interconnect more and more.

Through new routes and new stations, the important hubs of Naples-Capodichino and Naples-Afragola will be included in the railway network, creating an integrated and intermodal system capable of contributing to improving the quality of life of citizens, fostering the development of tourism and helping to reduce harmful emissions into the atmosphere.

Arco Mirelli Station



The construction of the Arco Mirelli station, renamed Arco Mirelli-Repubblica, was an opportunity to redevelop the entire Piazza della Repubblica and western access to the Villa Comunale in Naples. The entire area was given a new road layout, including the resurfacing of the roundabout around the monument to the "scugnizzo". The work, which celebrates and commemorates the popular uprising in Naples in 1943 against the Nazis, was restored and repositioned in axis with Viale Dohrn. Green areas were created, and a pedestrian subway connecting with the Riviera di Chiaia was arranged.

Designed by German architect Hans Kollhof, it is included in the art station circuit.

The entrance pavilion was built in Art Nouveau style using glass and steel to allow natural lighting of the lower levels as well, while Tivoli travertine and Pietrarsa slabs were used for the interior cladding.

The mezzanine, where the control, technical and service rooms, entrance turnstiles and lifts are located, provides access to a further flight of stairs (mobile and fixed) leading to a lower level, connecting to the stairways leading to the platforms, housing the audiovisual art installation curated by German sculptor Rebecca Horn.

San Pasquale Station



The San Pasquale station is located in the central part of the Riviera di Chiaia and is neuralgic in the city's mobility system. In just a few minutes it is possible to reach the Piazza Amedeo station of line 2, the Chiaia funicular railway and the Caracciolo seafront, and it connects part of the central districts of Chiaia and San Ferdinando to the city's underground network. The station is also connected to the Villa Comunale di Napoli, which houses the Anton Dohrn zoological station and the Aquarium, thanks to a lift leading directly to the large urban park built by the Bourbons in the late 1700s. The construction of the stop was also an opportunity for the redevelopment of Largo Pignatelli, which extends close to Villa of the same name, transformed into a new and welcoming square, enriched with benches and green spaces, with the planting of new tree essences.

Designed by the Italian-Slovenian architect Boris Podrecca, it has been conceived as a sort of descent into the sea, in keeping with the history of the place where in past centuries not only did the sea reach, but the Riviera di Chiaia was also the promenade of the Neapolitan bourgeoisie and aristocracy. Travellers will thus find themselves in a large room, enveloped by the 'sea' printed on large aluminium panels, the work of the artist Kongler.

Chiaia Station



The Chiaia station, designed by Uberto Siola, is a masterpiece of underground architecture. It has three levels: the first with the main entrance on Piazza Santa Maria degli Angeli, the second with the entrance on Via Chiaia and the third with the platform level.

More than 40 metres deep, thanks to its spectacular transparent roof, it offers travellers a unique experience of descending through the gradual variation of natural light, down to the quayside level. In dialogue with the architectural design, Peter

Greenaway has created a unified artistic intervention that takes the visitor on an evocative journey from the heights of Olympus to the depths of the Underworld. Greenaway's work is inspired by the classical Greco-Roman world, deeply rooted in the history of Naples, and enriches the entire experience with symbolic and mythological resonances



Municipio Station



At the Municipio station, an interconnection with Line 1 has been realised. Through the union of the two lines, travellers can change vehicles without having to leave the station. A subway has also been put in place to reach the Porto station, providing fundamental interchange between the metro network and the commercial, residential and tourist areas of the city. It is a tunnel about 200 metres long, with four , which on one side is bordered by the medieval tufa rampart that surrounded the Maschio Angioino, which resurfaced from underground during the works.

The merging of metro lines 1 and 6 one large station has also generated one of the largest archaeological investigations of the last decade.

The history revealed by the excavations begins with ancient port of Neapolis, planted in the marine inlet that occupied part of the square, with its seabed, ancient boats and large quay from the Augustan age. In the area near the station of Line 6, close to Castel Nuovo, an archaeological area is being completed that includes the remains found from the Roman age to the viceregal age. The constant dialogue of modern architecture with the recovered historical pre-existences inside and outside the station is the guiding thread of the project of the two Portuguese architects, Álvaro Siza and Eduardo Souto de Moura.



RAILWAY LINES

Salerno - Mercato San Severino
 Codola - Sarno
 Mercato San Severino - Avellino



The electrification of the railway infrastructure of the sections "Salerno - Mercato San Severino", "Codola - Sarno" and "Mercato San Severino - Avellino" modernises an important priority connecting infrastructure for the railway connections of the so-called "inland areas" with respect to metropolitan area of Naples.

The makes it possible to close Naples, Caserta, Benevento, Avellino and Salerno railway loop by connecting the station of Avellino to the electrified railway network, the only one so far in Campania not yet so electrified.





WELFARE

React-EU

SAFE Supporting Affordable Energy

Infrastructures for the regional education system

Valorisation of assets confiscated from organised crime



Extraordinary measures to deal with the Covid-19 pandemic



The COVID-19 pandemic severely affected people, society and the economy, but the EU managed to overcome it by mobilising all available resources through the React-EU plan. This facilitated national and regional responses to contain the spread of the virus and support measures to repair the economic and social damage caused by the pandemic.

The Campania Region used these resources to implement Socio-Economic Emergency Plan containing specific support measures for families and businesses in Campania. Campania also contributed to the national effort for the purchase of vaccines and supported the regional health system in the purchase of equipment and the creation of environments suitable to cope with the crisis. Equipment that, once the emergency was over, raised the quality of healthcare provision, enhancing diagnosis and treatment services

SOCIO-ECONOMIC PLAN

Aid to families and businesses



In August 2020, the European Commission approved the Campania Region's proposal to amend the Regional Operational Programme co-financed by the European Regional Development Fund (ERDF) to support urgent measures related to the response to the COVID-19 pandemic. The lockdown has negatively and deflagrantly affected the economic, productive, and social fabric of our country and region, heavily affecting the weakest segments of the social fabric. In the South, the impact was even stronger because the structure of the economy was more fragile and fragmented.

- Bonuses to micro-enterprises
- Creation of Confidi liquidity fund
- Bonus to professionals/self-employed workers
- Interventions in favour of families with children under the age of 15
- Support for enterprises in the tourism sector
- Urgent actions for the containment and management of the epidemiological emergency
- Strengthening the health sector

The Campania Region implemented the Plan for the Socio-Economic Emergency, mobilising an amount of over 1,017 million euro.

Resources from various European, national, and regional funds managed by the Campania Region contributed to the financing of the Plan. The will of the regional administration was to protect people and businesses in order to overcome the first emergency moment. As regards the healthcare sector, action was taken to ensure that the regional system was better equipped to respond to peaks of contagion and capable of producing specific research activities.

At the same time, it was decided to activate measures to provide immediate relief to small businesses, which were forced to close down, to ensure that they would be able to hold their own and safeguard jobs,

with special measures for the tourism sector, which was particularly hard hit by the crisis.

Finally, following significant impact that the spread of the virus has had on schools and the entire education system, action was taken to counter the exclusion of a significant segment of pupils from distance learning by providing mobile devices. With reference to the ERDF ROP, the Campania Region has chosen to use a substantial share (448 million euro) by seizing the great opportunities offered by the European Commission, which, through the changes introduced to the Regulations, has provided the tools to ensure exceptional flexibility in the use of structural and investment funds. The aim was to offer the weaker segments of the population and Region's productive apparatus concrete and rapid help in dealing with the consequences of weeks of social and work stoppages.



COUNTERING THE PANDEMIC

Supporting the vaccination campaign

Support was given to the purchase of SARS-CoV-2 vaccines, necessary for the implementation of the Extraordinary Commissioner's 'Anti-Vaccine Plan'. The activity, specifically, concerned the purchase of the doses of vaccine distributed in the Campania Region in order to contribute to achieving the objective of mass vaccination of the entire national territory.

Doses of vaccine purchased

6,679,510



ASL CASERTA

Improved community medicine



Four tomography machines were purchased and installed in Caserta ASL territory (San Felice a Cancelli, District 14 -Teano, District 17 - Aversa, District 23 - Mondragone), enabling the development of territorial computed tomography services, strengthening proximity medicine in the provincial territory and oncological screening. The arrival of the new machines in the territories concerned represented a great step forward in diagnostics.

ASL AVELLINO**Enhanced technology park**

The technological equipment park of the Avellino Local Health Authority has been upgraded with multidisciplinary echotomographs, electrocardiographs, cardiac holters, defibrillators, sub-intensive care beds, and pulmonary ventilators. Purchased ultrasound systems for non-invasive haemodynamics and vital parameter monitoring systems to territorial outpatient activity, emergency medicine, therapy, follow-up and patient screening

**IRCCS FONDAZIONE PASCALE****Improved diagnostic activity**

In order to improve the diagnostic, therapeutic and assistance activities of the IRCCS Fondazione Pascale, artificial intelligence were purchased for endoscopy and colonoscopy; a dermatoscope; an intelligent insufflation system for laparoscopic and robotic procedures; a wireless operating table connected to the Da Vinci Xi robot; an ultrasound platform for hepatobiliary and pancreatic oncological surgery; a gynaecological ultrasound system for utero-vaginal and prostate brachytherapy.

SAN GIOVANNI DI DIO AND RUGGI D'ARAGONA Radiosurgery and radiotherapy

At the San Giovanni di Dio and Ruggi D'Aragona University Hospital, breast stereotactic radiosurgery and radiotherapy techniques have been implemented. The purchase of an innovative piece of equipment, dedicated partial breast irradiation, has been financed. This allows a highly conformal dose distribution to the target, succeeding in centring, with very intense and powerful radiation, only the part compromised by the tumour



HEALTH DISTRICT ALTO SANNIO FORTORE Renewed nursing home

Funding has been provided for the modernisation and renovation of the technological and air-conditioning systems of the nursing home in Molinara (BN), a facility of fundamental importance for the community. Renovations were also made to the systems of the Outpatient Clinics in Via delle Puglie and Via XXIV Maggio in Benevento, and to the Outpatient Clinic located in the Alto Sannio Fortore Health District headquarters in San Bartolomeo in Galdo (BN), in order to provide more welcoming and functional environments for users and operators.

SAFE

Social electric bonus



The objective of the operation was to reduce, among vulnerable households, the negative effects increased energy costs resulting from the impact Russia's military aggression Ukraine.

Support was ensured to families in conditions of economic hardship, through the recognition of a bonus for the reduction of expenditure incurred for the supply of electricity ("social electric bonus").

The identification of families was carried out automatically by the Integrated Information System (SII) on the basis of ISEE (Economic Situation Indicator) certificates provided by INPS (National Institute of Social Providence). The bonus was disbursed through electricity distribution and sales companies by means of a discount on the bills issued.

Number of vulnerable families supported

353,741



NURSERIES AND MICRO-NURSERIES

Support for families with childrens



The Campania Region has expanded the number of crèches and micro-nurseries in the region.

Concrete support was offered to families in the Campania region, facilitating a work-life balance.

Through the project, 70 municipalities throughout the region have been financed. By 2026 all the facilities will be in operation. The crèches and micro-crèches activated to date can accommodate about 1,400 children in the 0-3 age group.

70
municipalities
involved

1,400
users served

0-3
age group
served



Valorisation of assets confiscated from organised crime

The strengthening of social cohesion and legality also passes through the recovery of property confiscated from the mafia.

The Campania Region has financed interventions for the recovery and functional reuse of assets confiscated from the mafia. These interventions have promoted institutional and social use of assets, the creation of support networks for disadvantaged persons, and the start-up of social enterprises oriented towards the development of services and products, enhancing local supply chains. Also in the new 21-27 programming cycle, in continuity with previous actions, initiatives for the reuse of real estate, such as land and buildings, taken away from organised crime will be supported.

The objective is to strengthen social cohesion and promote legality through the recovery, refunctionalisation and reuse of these assets. Reuse and refunctionalisation of assets confiscated from crime.



Caserta

CASAL DI PRINCIPE

Three facilities intended as a centre for reception and integration of minors in distress.

CASAPESENNA

A building intended as an artisan workshop for the production of buffalo mozzarella to facilitate the employment of women victims of violence.

CASTEL VOLTURNO

Three properties for functional spaces dedicated to social activities and training of new professional skills in the fields of cinematography, music and ethnic cuisine.

FRINGNANO

One building for Social Services, education and municipal library activities.

GRAZZANISE

An area for an educational farm and social garden linked to the production process and the buffalo mozzarella production chain.

PARETE

A building to be used as a multipurpose centre for the disabled.

SAN CIPRIANO D'AVERSA

A building for a structure to facilitate aggregation and integration of persons with disabilities without family support.

TEVEROLA

A building for an agri-food laboratory, a place for education to legality and social aggregation. Reuse and repurposing of assets confiscated from crime.

Benevento

MELIZZANO

Functional and energy adaptation of the WEEE centre to favour the employment of disadvantaged people.

Salerno

CAPACCIO-PAESTUM

Spaces destined for social entertainment activities.

NOCERA INFERIORE

Three dwellings emergency housing.

ROCCAPIEMONTE

Premises for local police headquarters, information desk and social services.

SAN CIPRIANO PICENTINO

A building to be used as police headquarters. Reuse and refunctionalisation of assets confiscated from crime.





SUSTAINABLE URBAN DEVELOPMENT

Integrated Sustainable City Programmes

Masterplan / Integrated Redevelopment Programmes



PICS - New spaces for medium cities



The Campania Region has identified the urban dimension as the engine of territorial development and the junction between the social, economic and environmental dimensions. Through the use of European funds, it has intervened in the territories by creating the conditions for community growth. The Programme recognised medium-sized cities as a priority for the development of urban areas in addressing economic and social challenges. The cities, as Intermediate Bodies, implemented the urban development strategy through the Integrated Sustainable Cities Programmes - PICS - on 4 main drivers towards which to orient interventions

19
cities

154
interventions

- **Fighting poverty and**
- **Enhancing the 's cultural and tourist identity**
- **Improvement of security**
- **Accessibility of services for citizens**



The Campania Region has decided to continue the experience of the ISCP Urban Regeneration Programmes, transforming the concept of medium-sized cities into that of urban poles and favouring projects capable of impacting on larger communities able to reverberate benefits outside the city walls. To the 19 medium-sized cities (Acerra, Afragola, Avellino, Aversa, Battipaglia, Benevento, Casalnuovo di Napoli, Caserta, Casoria, Castellammare di Stabia, Cava de' Tirreni, Ercolano, Giugliano in Campania, Marano di Napoli, Portici, Pozzuoli, Salerno, Scafati and Torre del Greco) are added 4 more (Eboli, Nocera Inferiore, Nola and Torre Annunziata) bringing to 23 the number of cities benefiting from the resources made available by the Campania Region's Cohesion Policy through a specific delegation (Intermediate Body).

The Campania Region is investing EUR 360 million in this new programme that, in terms of its financial size and the way it is managed and implemented, has become a unique case in the panorama of public policies investment in Italian cities.

ACERRA

A castle as a museum hub

The project has transformed the Conti Castle into a museum pole consisting of the Museum of History and Archaeology, the Museum of Folklore and Peasant Art, the Punchinello Museum, and the Virtual Archaeological Museum for the enhancement of the archaeological section, with special reference to the ancient city of Suessola.



AFRAGOLA**Environmental educational park**

The project was developed on an area confiscated from organised crime, where spaces were created for educational, recreational and social use. The project envisaged the creation of a large equipped green space available to citizens and in particular to young students where they could follow experiential courses aimed learning how to take care of green areas and related notions of botany and agronomy.

**AVELLINO****Integrated tourism system**

The project allowed for the recovery of the ancient access route to the city through the renovation of the historical axis Corso Umberto I via F. Tedesco, with the setting up of interactive tourist and cultural itineraries ("intelligent paving"), urban decoration with the arrangement of public spaces with pedestrian paths and trees.

AVERSA

New Marconi Square

Piazza Marconi has been redeveloped with the aim of returning permeable and usable spaces to the community. The identity traits of the place located in the heart of the city have been celebrated. From the revival of the layout of the old Monastery that stood in the area, to the creation of evocative spaces, such as "the score". A materic paving play celebrating the Aversano composer Domenico Cimarosa.



BATTIPAGLIA

Multipurpose center for families



The multifunctional centre for family services in the Belvedere district in Battipaglia aims to be a reference point for families. In the renovated building of approximately 1,000 square metres, services are offered to strengthen the parental network. The individual development of children is supported, providing them with the necessary tools to cope with difficult moments and promoting positive relational dynamics. Community growth is fostered through awareness-raising activities, participation and the promotion of inclusive and multicultural social networks

BENEVENTO**Museum and lapidarium for Arch of Trajan**

The 'Lapidarium' was built next to the Arch of Trajan. A museum structure housing historical artefacts, all found in Benevento and Sannio, which help to tell the story of the city's symbolic monument and Appia Antica, also thanks to multimedia cards. In this way, the ancient role of the gateway to the city has been enhanced through a reinterpretation of history as the generator of urban spaces inside and outside the walls

**CASALNUOVO DI NAPOLI****Baby Garden accessible**

An environmentally friendly baby garden was built in the 'Ex Moneta' area, included in the 'Pino Daniele' park. Energy efficiency, absence of architectural barriers, and full compliance with seismic standards are some of the building's features. The external green area, connected to the existing public park, is available to the users of the nursery and, during closing times, to the free use of citizens.

CASERTA

Padre Pio park redevelopment

With the redevelopment of the 'Padre Pio' Villa/Park, a historical space in the city has been enhanced, representing a strong point of aggregation for the inhabitants. The project has improved the quality of urban decorum and overall conditions, both in terms of functionalising the entire public area and enhancing safety. The intervention made it possible to realise collective neighbourhood and communication activities through cultural, social entertainment and sports moments



CASORIA

Social and educational services for children

A socio-educational facility for children (0-3 years old) was built in the Stella district in the place of a multi-storey building confiscated from the Camorra.

The demolished and rebuilt building, with addition of green spaces, also architecturally symbolises a value of re-appropriation of the territory and the community public and social use.



CASTELLAMMARE DI STABIA**City museum of art and history**

The construction of the Civic Museum Art and History of Castellammare di Stabia, included in the broader project for the enhancement of the Reggia di Quisisana, has had a "composite" configuration. It provided both a demo-ethno-anthropological component and a historical-artistic section through which to preserve, document and promote culture, art and history of the Stabia community

**CAVA DE' TIRRENI****"The European City" urban park**

Where there used to be a huge car park, now underground, is now a green lung where citizens can stroll, meet and discuss. In the new urban park, 'La Città Europea', there is plenty of greenery with large flowerbeds, gardens, dozens of trees, space even for small dogs in the dog run, areas for leisure, socialising, sports, recreational activities and an openair theatre. Community, inclusive and sustainable spaces that make Cava de' Tirreni a town evolving in a European dimension, making the best use of the resources of the Campania Region's Cohesion Policy.

ERCOLANO

New square overlooking the UNESCO World Heritage Site

The project involved the regeneration of the area between the archaeological site of the excavations and the modern city through the creation of a public area of 5,000 square metres with greenery and services overlooking the archaeological park of ancient Herculaneum. Piazza Carlo di Borbone is not only a work of urban regeneration, but a work of social redevelopment with numerous services that can stimulate socio-economic redevelopment as well, thanks to the implementation of cultural activities social inclusion



GIUGLIANO IN CAMPANIA

Urban oasis in ancient Liternum



An area of approximately 67,300 square metres that includes the archaeological site of the ancient Maritime Colony of Liternum founded by the Romans in Campania after the Second Punic War (194 B.C.) to fortify the coastline by sending 300 families has been redeveloped. The project resulted in the creation of a public garden with approximately 350 trees and 7,500 shrubs, pedestrian paths, archaeological and bird-watching islands. A jetty for docking canoes and a performance area were also created. PICS - New spaces for towns

MARANO**The reuse hub**

The project recovered an asset seized from the mafia and assigned to the municipality. The site, a former chocolate shop located on Corso Mediterraneo, the city's main thoroughfare, is intended to create a structure dedicated to the collection, repurposing and distribution of non-food products of various kinds in order to promote and raise awareness of the culture of saving and reuse, with a view to the circular economy

**PORTICI****Restoration Villa Caposele**

The project involved the functional conservative restoration and consolidation of Villa Principe di Caposele. A number of municipal social services have been decentralised in the 19th century villa, returning the green areas facing the villa to the enjoyment of citizens.

POZZUOLI

Kindergarten and play center

The renovation of a school building in the Toiano district has resulted in the construction of a nursery school and play centre for children. The facility can accommodate up to 60 children aged between 0 and 3 years. The spaces have been flexibly structured with rest areas, social areas and spaces for motor activities.



SALERNO

Mercatello Park redevelopment

The project envisaged the recovery and re-functioning of the Mercatello Park area for public activities and social animation in order to provide the citizenship with points of social aggregation and cultural reference. The park is equipped for gymnastic and recreational activities and cultural events. The recovery of the green space, the improvement of its attractiveness, and the strengthening of services have shown a great impact in the urban conurbation, becoming a meeting and reference point for the entire city and district context.

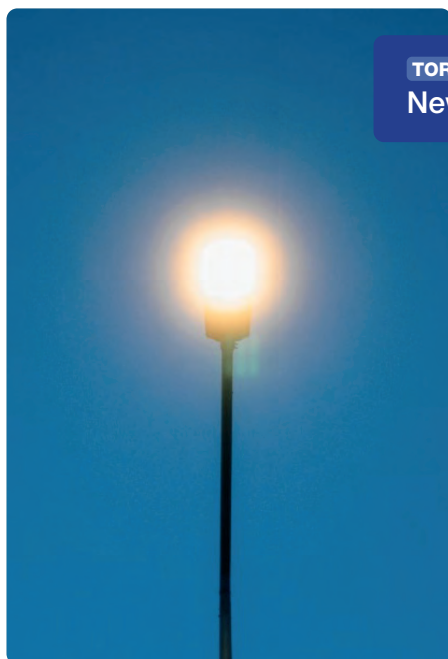


SCAFATI**Securing the Municipal Villa**

The project made it possible to make an important meeting space in an asset historical importance, the Villa Wenner park, usable again. The reutilisation of the facilities was aimed at their reuse, reconciling the needs for the conservation, enjoyment and valorisation of the assets, with the purpose of obtaining significant qualitative improvements in the social fabric, especially of young people, through activities to be implemented - also through the involvement of social enterprises and third sector organisations

**TORRE DEL GRECO****New public lighting**

Replaced 1447 sodium vapour lighting fixtures with new ones using LED technology. The replacement was carried out along the city's main arteries and in the outdoor areas of some schools (193 fixtures), in the historic centre and in the suburbs. The new installations resulted in a net energy saving of 55%. In addition, a further energy saving of 20% was achieved thanks to a time scheduling system. In addition to energy savings and CO2 reductions, the action also led to a general improvement in lighting quality in terms of both average illuminance and uniformity.



Masterplan Integrated Valorization Programs



Masterplans are agile and innovative planning tools that turn into real Integrated Valorisation Programmes (PIV) in their final version. Instruments that, consistent with regulatory provisions and regional territorial planning tools, become decisive for implementation of current development strategies. At present, the Masterplans/PIVs that have been launched are those of the Litorale Domitio-Flegreo, the Litorale Salerno Sud and Agro Nocerino-Sarnese, for which 100 million euro have been allocated under the new Programme.

3
Masterplan / PIV
initiated

MASTERPLAN / PIV

Domitian-Phlegrean coastline



The Litorale Domitio-Flegreo Masterplan/IVP covers fourteen municipalities, four of which are in the province of Naples (Bacoli, Giugliano in Campania, Monte di Procida and Pozzuoli), and ten in the province of Caserta (Cancello ed Arnone, Carinola, Castel Volturno, Cellole, Falciano del Massico, Francolise, Mondragone, Parete, Sessa Aurunca and Villa Literno) for a total land area of approximately 741.47 square kilometres (5.42% of the regional territory) with a resident population of over 370,000 inhabitants. Through its projects, the Masterplan/ PIV intends to intervene to modernise and increase the efficiency of the environmental and transport infrastructure system, recover historic buildings and archaeological sites, redevelop and put to new social uses assets confiscated from organised crime, support a renewing agriculture and define new welfare models.

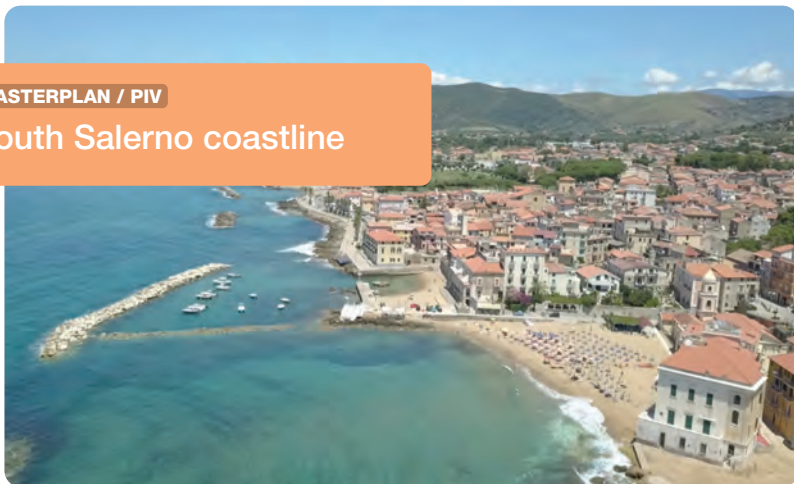
14
municipalities

741kmq
area
concerned

370k
residents

MASTERPLAN / PIV

South Salerno coastline



The Salerno South Salerno Coastal Masterplan/IVP is part of the general vision of redevelopment of the Campania region. It aims at enhancing and rethinking a complex coastal territory of great landscape and environmental value. project envisages work in 8 municipalities (Salerno, Pontecagnano-Faiano, Bellizzi, Battipaglia, Eboli, Capaccio-Paestum, Agropoli and Castellabate) spread over 478 square kilometres in an area characterised by a strong historical and naturalistic imprint thanks to the presence of archaeological sites - such as Paestum and Pontecagnano - as well as areas of environmental value, such as the Cilento Park and the Sele Plain. The project therefore aims to relaunch the stretch between Salerno and Castellabate from an environmental and tourism point of view with a structure characterised by seven main objectives starting from five general themes: mobility, energy, environment, urban regeneration and tourism.

8
municipalities

478kmq
area
concerned

310k
residents

MASTERPLAN / PIV

Agro Nocerino-Sarnese



The Agro Nocerino-Sarnese Masterplan/ PIV has as its target area the territories of the municipalities of Angri, Castel San Giorgio, Corbara, Nocera Inferiore, Nocera Superiore, Pagani, Roccapiemonte, San Marzano sul Sarno, San Valentino Torio, Sant'Egidio Monte Albino, Sarno, Scafati, Siano. The strategic lines identified for the development of this area tend towards environmental regeneration and enhancement (landscape redevelopment, hydrogeological risk reduction, development of green communities and sustainable cities); the recovery and completion of the rail and road transport network (greater connection with the Salerno port area and enhancement of the ZES area - Special Economic Zone) the strengthening of the agricultural and zootechnical chain (valorisation of products of excellence, revitalisation of the agri-food industry); industrial regeneration (productive and manufacturing) and urban regeneration (valorisation of cultural and natural heritage); reduction of social hardship; strengthening of the administrative system.

14
municipalities

177kmq
area
concerned

278k
residents



COMMUNICATION STRATEGY

Communicating the present
to build the future





The dissemination of opportunities and results

Entrusted to the in-house company Sviluppo Campania and implemented by the Unit for Implementation of the Communication Strategy (U.A.S.C.) with the help of a dedicated technical assistance, made up of specialised experts who ensured the self-production of the contents (web, editorial, graphic and multimedia), the Communication Strategy of the ROP Campania ERDF 2014-2020 promoted the visibility of the opportunities, favouring the information and involvement of a wide audience, from citizens to beneficiaries (including potential ones), from stakeholders to institutional actors. Through an innovative and multidisciplinary approach, the communication actions aimed informing potential beneficiaries about the opportunities, actual beneficiaries about the obligations and citizens about the use of European funds for local development, creating greater awareness and stimulating active participation.

Over 500 news items on the institutional portal of the Programme

Created Europa Campania, the portal of cohesion in Campania

Over 600 videos, including promotional spots, documentaries and videonews



Social Network

ROP Campania ERDF

**Facebook
739 posts**

**YouTube
849 videos**

**Instagram
176 posts**

EUROPA CAMPANIA

**Facebook
720 posts**

**YouTube
464 videos**

**Instagram
156 posts**

Workshops, conferences and initiatives

The participation/organisation of around 100 events (conferences, fairs, workshops) fostered dialogue with young people, institutions and stakeholders.

Outreach materials and publications

Notices, guides, information materials and guidelines, have been a reference point for beneficiaries and potential beneficiaries.

#EUINMYREGION

Double stage in Campania for European Union promotion campaign



Through the active participation in the INFORM network, two projects were the subject of the European Union's communication campaign "Europe in my Region", which each year selects the best good practices in the use of the European Regional Development Fund (ERDF) by rewarding them with information actions aimed at the general public. In 2018, it was the turn of the urban regeneration carried out in the Neapolitan district of San Giovanni a Teduccio through the creation of the technological pole of the University of Naples Federico II, while in 2022 the European campaign highlighted the recovery of the Colonia Montana 'Principe di Napoli' in Agerola. In addition to celebrating the farsightedness of reconverting an abandoned industrial area, using European resources, the campaign was also an opportunity to take stock of the Campania Innovation ecosystem created by the Campania Region, which has found in the San Giovanni University Pole one of the main attractors of major global players.



The Commission's communication campaign consisted of posters throughout the city and messages on social networks, as well as the placement of an interactive multimedia totem at the University Pole that allowed users interact with the asset. In 2022, the Colonia Montana 'Principe di Napoli' opened to the public to celebrate its structural recovery and conversion to a campus. An event that allowed the local community to rediscover the place and the excellence of the area in which the site stands, through guided tours, activities with schools, food and wine stands and musical performances. The event was just one of the activities planned within the campaign in the Campania region. During the month of May, the recovery project was also the subject of communication plan with intense programming on both on-line and off-line channels (billboards and radio) with particular reference to the metropolitan areas of Naples and Salerno



INFORM EU

Networking to communicate cohesion policies



Active participation in the INFORM EU European network and the national network for the communication of cohesion policies has enabled not only the sharing of initiatives, with the exchange of good practices, but also continuous training and technical discussion on various strategic aspects for the communication of cohesion policies. Participation in national and international networks allowed for an in-depth discussion on the narrative of the European reaction to the Covid19 pandemic, deepening of shared themes on the topic of communication 2021-2027. During the meetings, Campania's participation in the 'EU in my Region' campaign was defined. The meetings also allowed to deepen issues related to effective use of social media, how to promote and communicate the European identity to citizens through EU fund projects and regional and cohesion policy.



RACCONTA EUROPA

Open data and active citizenship, At the School of Open Coesione

"Racconta Europa" is one of the Projects carried out within the framework of the Communication Strategy of the ROP Campania ERDF 2014-2020, which has spread among students in Campania the culture of open data and active citizenship, prompting them to practice civic monitoring of projects financed by Cohesion Policies on the territory. In 2018, "Racconta Europa" became a partner of ASOC - A Scuola di Open Coesione, a project born within OpenCoesione, an open government initiative on Cohesion Policies in Italy. The decision to enter into a partnership with ASOC allowed the regional know-how to be channelled into a national network, which later became a European good practice, thus widening the scope of the project and, at the same time, strengthening it on a territorial level. A decision that, since

the partnership's inception, has seen Campania consistently first nationally in terms of the number of teams enrolled in the project promoted by the Department for Cohesion Policies. In order to reward the response of the regional school audience to the project, the national awards were supplemented by reserving for the most deserving Campania teams: training meetings, gadgets and trips to discover the European institutions, also during events such as the European Week of Regions and Cities or the EU Open Doors.



Racconta Europa, in partnership with ASOC, has thus become the main innovative didactic project for developing digital, statistical and civic education skills, to help students know and communicate, with the help of journalistic techniques, how public policies, and cohesion policies in particular, intervene in the places where they live. There were 297 participating schools in the 2016-2024 period, spread over several provinces in Campania, involving high schools, technical institutes and other high schools, and from the 2022-2023 school year also middle schools. The average attendance rate (20-25%), compared to the total number of classes enrolled in Italy, highlighted a strong regional interest in the project, making Campania the region with the highest attendance.

The commitment continues also in the new Programming, In the school year 2024-2025 there were 28 Campania schools participating.

The civic monitoring action of EU-funded projects led students to deepen their understanding of topics related to European cohesion policy, developing analysis, research and communication skills through the realisation of multimedia projects.

The project helped develop awareness of the impact of public investments and fostered a culture of transparency and civic participation



ROP Campania ERDF 2014-2020	EQUIPMENT (Decreased by the share ex art. 242 of L.D. 34/2020)	CERTIFICATION (net of deductions)	PROGRESS (percentage of total share)
	3,689,069,743.46 €	3,781,675,601.63 €	102.51 %

The European Regional Development Fund (ERDF) has since 1975 provided support for the development and structural adjustment of regional economies, economic change, enhanced competitiveness and territorial cooperation throughout the EU.

The ERDF is one of the funds that support cohesion policy, the EUs main investment policy for EU regions and cities to foster economic growth, job creation, business competitiveness, sustainable development and environmental .

The Regional Operational Programme (ROP) is Campania's programming document, which constituted, for the period in question, the reference framework for the use of regional ERDF resources and contributed to reducing development gaps and disparities within the regional territory and towards other European territories.

PROJECTS IN THE REGION	2,715
RECIPIENTS	6,866
ENTERPRISES AND PROFESSIONALS	5,985
ENTITIES	881

STRATEGIC AXES	EQUIPMENT (Decreased by the share ex art. 242 of L.D. 34/2020)	CERTIFICATION (net of deductions)	PROGRESS (percentage of total share)
INNOVATION AND SUPPORT FOR COMPETITIVENESS			
RESEARCH AND INNOVATION	460,698,095.12 €	475,300,824.65 €	103.17%
ICT AND DIGITAL AGENDA	193,933,874.90 €	225,767,838.29 €	116.41%
COMPETITIVENESS OF THE PRODUCTIVE SYSTEM	800,001,961.70 €	755,651,797.94 €	94.46%
ENVIRONMENT, CULTURAL HERITAGE AND TRANSPORTATION			
SUSTAINABLE ENERGY	529,166,870.70 €	559,291,297.39 €	105.69%
RISK PREVENTION NATURAL AND ANTHROPOGENIC	220,797,591.32 €	249,076,626.14 €	112.81%
PROTECTION AND ENHANCEMENT OF NATURAL HERITAGE AND CULTURAL HERITAGE	722,881,054.15 €	727,605,156.08 €	100.65%
TRANSPORTATION	127,667,986.02 €	129,776,224.75 €	101.65%
WELFARE			
SOCIAL INCLUSION	40,576,496.88 €	43,192,306.45 €	106.45%
INFRASTRUCTURE FOR THE REGIONAL EDUCATION SYSTEM	95,077,853.39 €	97,599,125.60 €	102.65%
SAFE	260,000,000.00 €	260,000,000.00 €	100.00%
SUSTAINABLE URBAN DEVELOPMENT			
SUSTAINABLE URBAN DEVELOPMENT	125,086,555.09 €	141,827,452.56 €	113.38%
TECHNICAL ASSISTANCE			
TECHNICAL ASSISTANCE	113,181,404.19 €	116,586,951.77 €	103.01%

Data updated to April 2025

