 sistemi e soluzioni per l'ACQUA e per l'ARIA

From the heart of Vallo di Diano, in 1963, a company emerged that would significantly impact the Italian plumbing and heating industry: DI BRIZZI.

MQ-66 - UNI EN 12201-2

MQ-67 - UNI EN 1555-2

MQ-68 - UNI EN ISO 15874





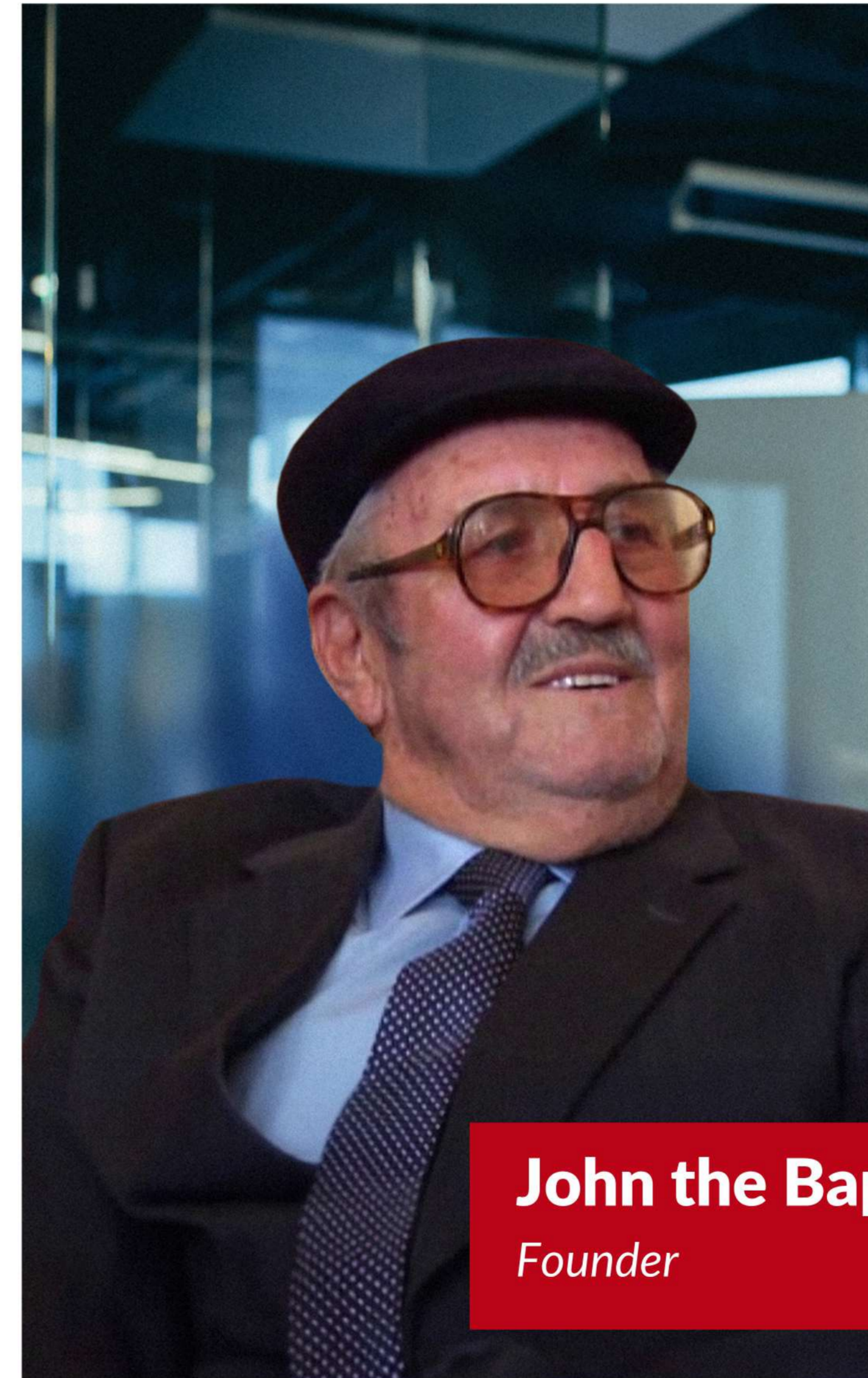
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Origins of the Corporation

Established in 1963 by Giovanbattista Di Brizzi, a visionary with global experience acquired in Venezuela, the company rapidly flourished due to its commitment to innovation and quality within the industry.

Today, with more than sixty years of history, the DI BRIZZI Group remains a benchmark in the realm of thermo-hydraulic systems and supplies, providing customized solutions while upholding its esteemed reputation for excellence in the industry.



John the Baptist of Brizzi
Founder

Strategic Evolution

1985 represents a pivotal moment in the DI BRIZZI saga, as Giovanbattista's sons, Valentino and Mario Di Brizzi, assume control of the management. Their remarkable dynamism, entrepreneurial acumen, and adaptability lead to a substantial enhancement of the company.



GB DI BRIZZI SRL - Industrial Chair Area - ZIP Code 84038 -
Sassano (SA)

1

Origins of the Organization

Established in 1963 in the evocative landscape of the Vallo di Diano by Giovanbattista Di Brizzi.

2

Strategic Evolution

The evolution occurred in 1985, attributed to the remarkable support of the children.

3

Empowerment and Innovation

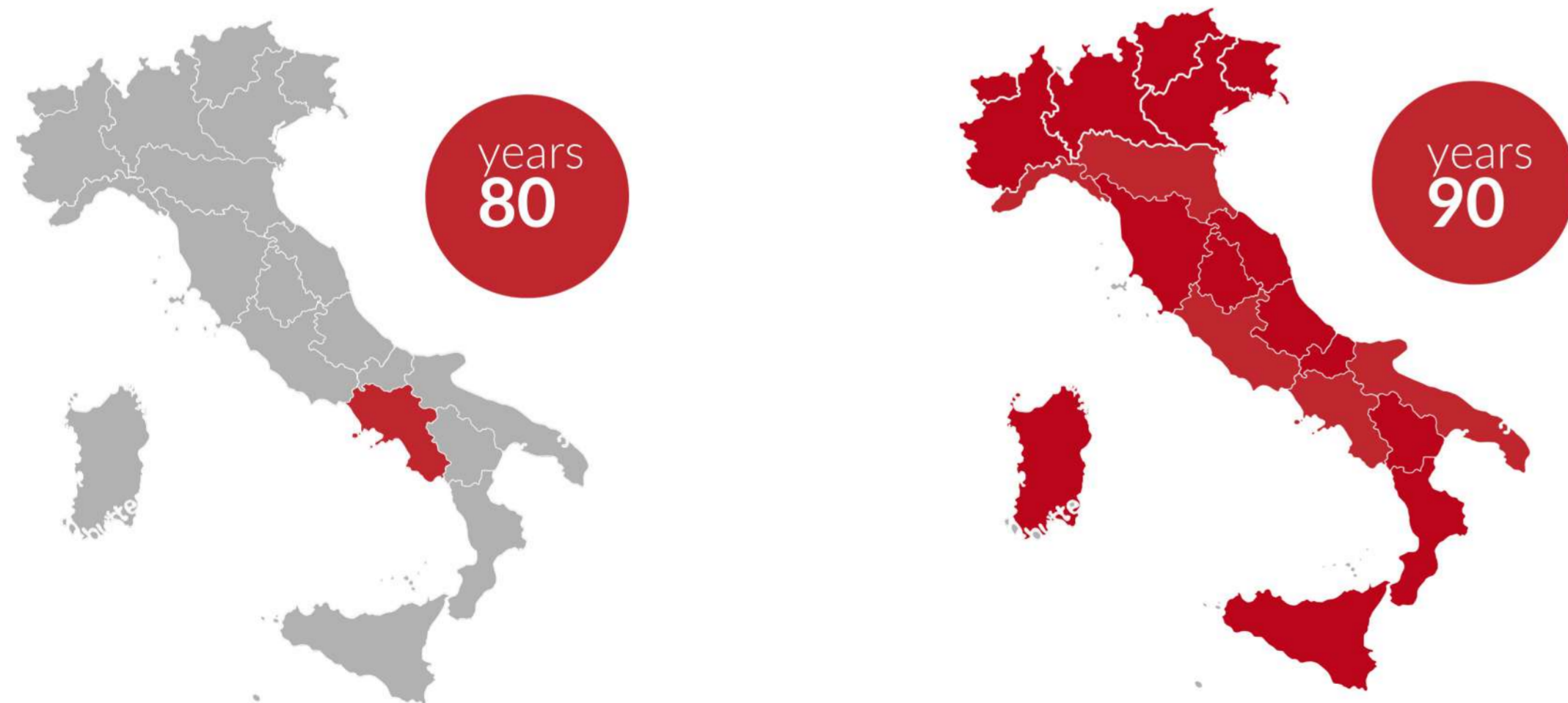
The enhancement of sectors and strategic investments inevitably catalyzes a robust drive toward innovation.

Empowerment and Innovation

The drilling and perforation sectors have been notably improved, while the commercial aspect has been broadened due to an efficient distribution process. Concurrently, strategic investments are being made to upgrade the facilities, alongside a substantial emphasis on innovation in thermal-water sanitary systems, including air conditioning, air and water treatment, and fire prevention systems.

Development Trajectory

In the 1980s and 1990s, the company experienced exponential growth, consistently strengthening its market presence. Initially confined to the Campania Region during the 1980s, the company expanded its operations nationally in the 1990s, encompassing the entire national territory.



In the context of the
understanding engineering
emerges.



Plastic piping sector and metallic

With a steadfast commitment
to quality and reliability, we are
devoted to delivering
integrated and tailored
solutions that address our
customers' needs.

Our vast experience and
expertise empower us to
address intricate challenges and
achieve exceptional results in
every project we undertake.



Skills

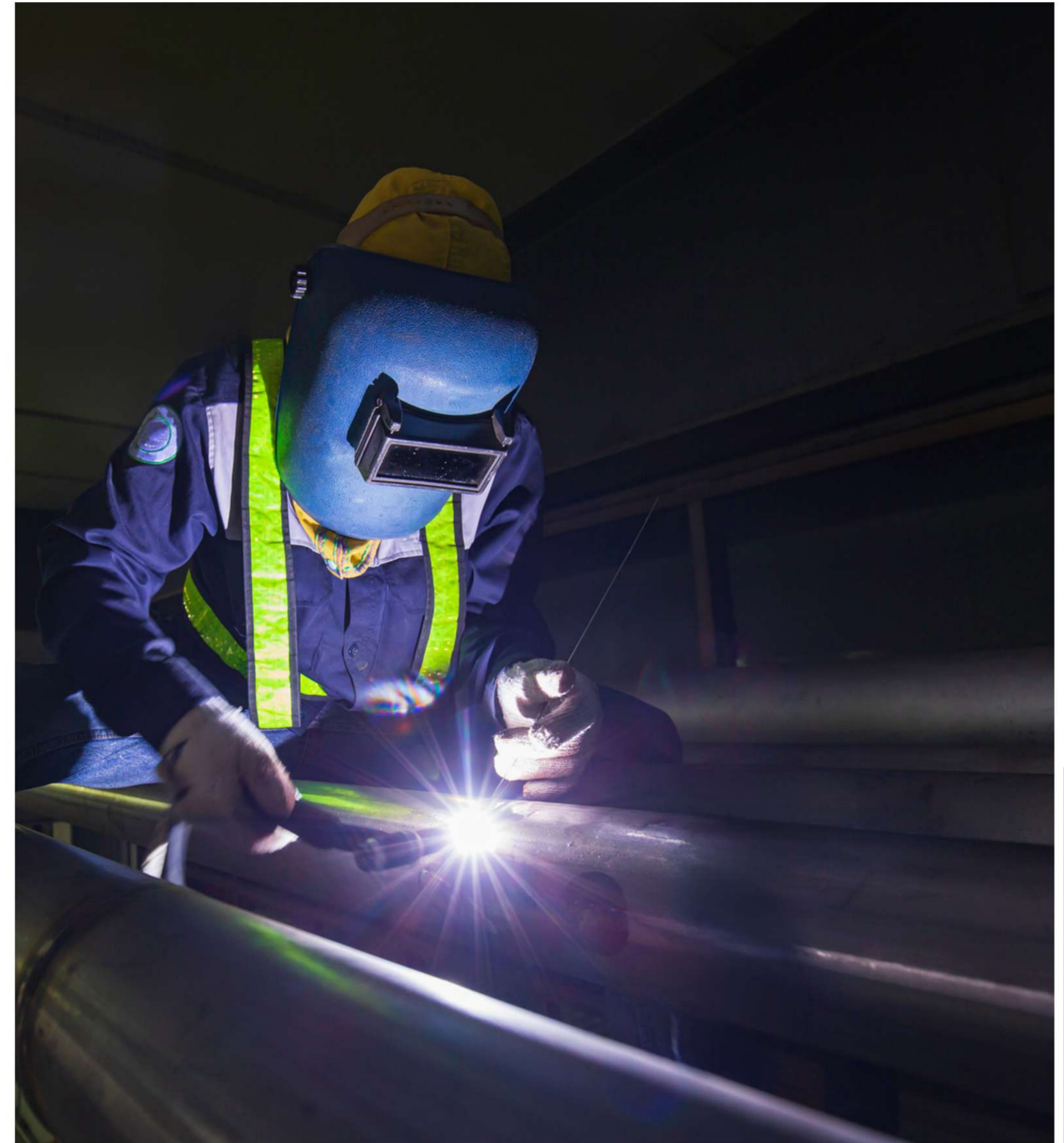
“TUBITALIA, DI BRIZZI srl group” distinguishes itself through its exceptional capabilities in plant engineering, encompassing the installation, modification, expansion, and maintenance of:

- 1 Heating, air conditioning, and air recovery systems, including economic incentives offered by the GSE through thermal ontology practices;
- 2 Cogeneration and trigeneration.
- 3 Gas transportation and utilization systems;
- 4 Fire protection systems.
- 5 Well drilling.
- 6 Irrigation systems
- 7 Technological systems in a broad context.

Competent professionals

The plant engineering department comprises a team of highly qualified professionals, each possessing specialized skills in various techniques, including electrode welding, oxyacetylene welding, and M.I.G. welding, often referred to as continuous wire welding.

Our seasoned professionals are essential to guaranteeing precision and excellence in the execution of intricate plant engineering projects, ensuring optimal quality and safety at every phase of the process.



UBI

The Projects

Over the last five years, our unwavering dedication to excellence has culminated in a series of iconic projects that exemplify our professionalism and expertise in the realm of plant construction.

These projects exemplify the concrete outcome of our commitment to delivering innovative and customized solutions that address the needs of our clients.



DECATHLON

Torre Annunziata (NA)

Energy efficiency initiatives



HYPERCHILD

Cilento Outlet (SA)

Energy efficiency initiatives



MAXIMALL

Pontecagnano (SA)

Energy efficiency is associated with thermal accounting practices.



... additional works

of the DI BRIZZI consortium

- 1 Italy Square** - San Severo (FG)
Energy efficiency is achieved through the practice of thermal accounting.
- 2 Italy Square** - Agropoli (SA)
Energy efficiency is achieved through the practice of thermal accounting.
- 3 Hotel Tritone '86** - Spanish Steps - Rome (RM)
Energy efficiency is achieved through the practice of thermal accounting.
- 4 Paloma Restaurant** - Via Flaminia - Rome
Energy efficiency is achieved through the practice of thermal accounting.
- 5 No. 300 Real Estate** - Laviano (PZ)
Energy-efficient projects, utilizing superbonus practices;
- 6 Properties Villa del Sole Medical Center** - Salerno (SA)
Energy-efficient projects, utilizing superbonus practices;
- 7 Malzone Medical Center** - Agropoli (SA)
Routine and exceptional maintenance tasks;

- 8 Polla Hospital - ASL SA/3** - Salerno (SA)
During the renovation, modernization, and expansion phase of the entire Polla Hospital, our company was tasked with the development of plumbing systems, air conditioning systems, heating systems (including the construction of the heating plant), and fire prevention systems.
- 9 Protected Residence of Castel S. Pietro Terme** - Bologna (BO)
Construction of plumbing systems, air conditioning systems, heating systems, and fire prevention systems;
- 10 Terme Villa Aretusi** - Bologna (BO)
Plumbing and heating systems.
- 11 Villa San Giacomo** - San Lazzaro di Savena, Bologna (BO)
Heating components, Plumbing infrastructure, Fire suppression system, Wastewater management system;
- 12 Pluricenter** - Bologna (BO)
Plumbing and heating systems.
- 13 Analgesic Polyclinic** - Bologna (BO)
Heating, plumbing, and fire protection systems;

... additional works

of the DI BRIZZI consortium

- 14** **Bios Polyclinic** - Minerbio (BO)
Water and sanitation systems, air conditioning systems, and purification systems;
- 15** **Health Village** - Bologna (BO)
Sanitary water infrastructure; Air conditioning infrastructure; Central heating systems; Water supply and drainage systems;
- 16** **Real Estate Development** - Via Manunzio - Bologna (BO)
Heating system; Water system; Gas system; Air conditioning system installation.
- 17** **Multi-functional Facility** - Castelmaggiore (BO)
Heating system, cooling system, water supply and sanitation system;
- 18** **The Mill Lots 5-6** - Bologna (BO)
Heating, plumbing, and fire protection systems;
- 19** **Renner Italy** - Minerbio (BO)
Heating, plumbing, and fire protection systems;
- 20** **Church** - Castelmaggiore (BO)
Heating system
- 21** **Terme Felisinee** - Minerbio (BO)
Plumbing and heating systems.
- 22** **“Siriem” Sports Complex** - Calderara di Reno (BO)
Mechanical systems supporting the Palazzetto;
- 23** **San Matteo Elementary School Decima**
San Giovanni in Persiceto (BO)
Construction of a thermal substation; Primary heating and distribution system; Ventilation and air extraction system; Water and sanitation system; Drainage; Irrigation system; Fire protection system; Preparation of the cooling system.
- 24** **Community prepared to embrace minors** - Bologna (BO)
Heating system; Water system; Gas system; Air conditioning system installation.
- 25** **Residential structure “GR28/5”** - Bologna (BO)
Mechanical systems in the P.P. Sector C2.4.
- 26** **Granarolo S.p.A. - Dairy Processing Facility** - Bologna (BO)
Mechanical systems in the newly established stretched curd department.

... additional works

of the DI BRIZZI consortium

- 27 Real Estate Services Limited** - Bologna Interport (BO)
Mechanical systems servicing warehouse 10.3" in section 10 and associated completion structures for a segment of the eastern penetration road.
- 28 Sisa Hypermarket** - Sassano (SA)
Installation of air conditioning system.
- 29 MD Discount Supermarket** - Sassano (SA)
Construction of the heating system.
- 30 Pizzardi Palace** - Bologna (BO)
Heating, plumbing, and fire protection systems;
- 31 Pepoli Palace** - Bologna (BO)
Mechanical systems supporting the construction of the "City Museum"
- 32 Charterhouse of San Lorenzo** (UNESCO World Heritage Site) - Engage (SA)
Air conditioning systems within the Certosa and garden irrigation systems;
- 33 DianGas Srl** - Consilina Hall (SA)
Development of a fire prevention system for a liquid propane gas bottling company.

- 34 Montesilvano Art Gallery** - Pescara (PE)
Fire suppression system;
- 35 LGP Gas S.r.l.** Teggiano (SA)
Development of a fire prevention system for a liquid propane gas bottling company.
- 36 Val d'Agri Oil Field** - Energy (PZ)
Construction of water research facilities and water lifting stations;
- 37 Gran Hotel Holiday Inn** Cava de' Tirreni (SA)
Construction of plumbing systems, air conditioning systems, heating systems, and related systems;
- 38 Hotel Salerno** - Milan (MI)
Plumbing, heating, and air conditioning systems.
- 39 Tourist accommodation facility** Cinisello Balsamo, Milan
Construction of mechanical systems.
- 40 Crystal Palace Hotel** - Athena Lucana (SA)
Plumbing and heating systems.

... additional works

of the DI BRIZZI consortium

- 41 Hotel Venezuela** - Montesano S/M (SA)
Plumbing and heating systems, water research, and irrigation systems for large-scale facilities, as well as the construction of swimming pool systems;
- 42 Paon d'Or Restaurant** - San Pietro al Tanagro (SA)
Plumbing and heating systems, water research, and irrigation systems for large-scale equipped spaces; construction of swimming pool systems and fountain systems featuring water games.
- 43 Acteon Palace** - Athena Lucana (SA)
Plumbing and heating systems, water research, and irrigation systems for large-scale equipped spaces; construction of swimming pool systems and fountain systems featuring water games.
- 44 Grand Hotel Montpellier** - Monte San Giacomo (SA)
Construction of plumbing systems, air conditioning systems, heating systems, and fire protection systems;
- 45 Jubilant Hotel** - Rome (RO)
Exceptional maintenance efforts in 63 rooms and the installation of a fire prevention system.

- 46 Sant'Arsenio Municipal Stadium** - (IN)
Water research and the development of automated water lifting systems, the installation of concealed irrigation systems for playing fields, and the construction of thermo-hydro-sanitary systems for changing rooms.
- 47 Polla Municipal Stadium** - (IN)
Water research and the development of automated water lifting systems, the installation of pop-up irrigation systems for playing fields, and the construction of thermo-hydro-sanitary systems for changing rooms.
- 48 Municipal Stadium of San Pietro al Tanagro** - (IN)
Water research and the development of automated water lifting systems, the installation of concealed irrigation systems for playing fields, and the construction of thermo-hydro-sanitary systems for changing rooms.
- 49 Municipal Stadium of Monte San Giacomo** - (IN)
Water research and the development of an automated water lifting system, along with the installation of a concealed irrigation system for the playing field.
- 50 Campania Region - Water and Aqueducts Sector**
Repair of various leaks in the Municipality of Teggiano.

... additional works

of the DI BRIZZI consortium

51 **Multipurpose Community Center and Senior Care Facility** - Cioi Cilento, Salerno

Supply and installation of plumbing, heating, and air conditioning systems. Specifically, the following were implemented: water systems, drainage systems, heating systems, supply and installation of floor-standing boilers, supply and installation of solar thermal systems, supply and installation of chillers, faucets and sanitary fixtures, fan coils, flue pipes, and air conditioners, along with the establishment of ventilation systems.

52 **BCC Monte Pruno** - Teggiano branch (SA) Air conditioning and ventilation systems.

53 **BCC Monte Pruno** - Branch of Roccagloriosa (SA) Air conditioning and ventilation systems.

54 **BCC Monte Pruno** - Salerno Division (SA) Air conditioning and ventilation systems.

55 **BCC Monte Pruno** Cava de' Tirreni branch (SA) Air conditioning and ventilation systems.

56 **BCC Monte Pruno** Air conditioning and ventilation systems.

57 **Municipal Building and Primary School** - Monte San Giacomo (SA) Geothermal heating system for games, and the installation of thermo-hydro-sanitary systems for changing rooms.

Commercial Sector

The company features a competitive commercial sector encompassing thermo-hydraulic and sanitary materials, air conditioning and heating systems (TOSHIBA - CLIVET - ITHALTHERM - ATLANTIC), motor pumps and electric pumps (CALPEDA - DAB PUMPS - FAGGIOLATI - EBARA - CRI), hydraulic materials, construction supplies, hardware, electrical materials, and motors, among others.

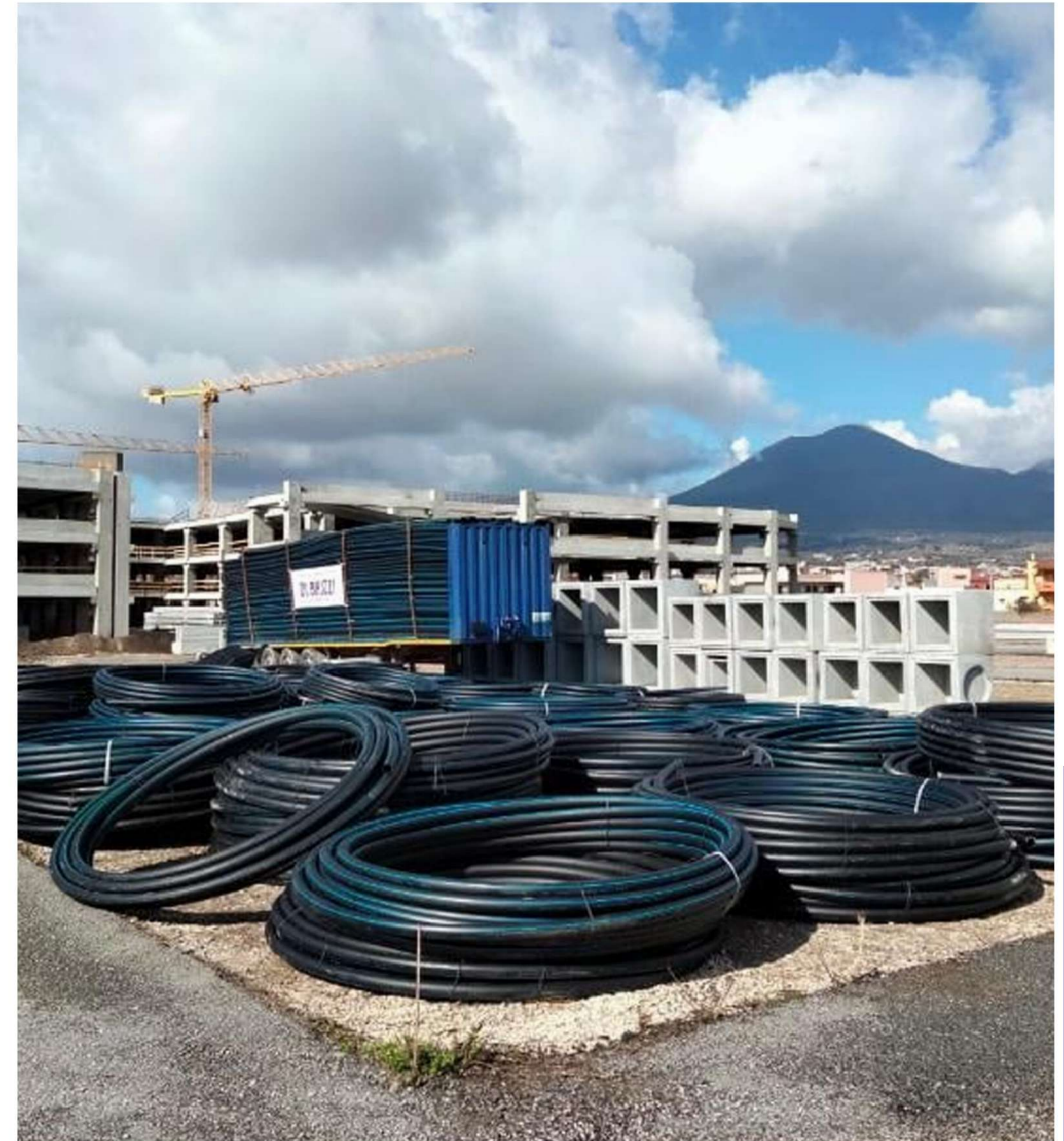


Competitiveness in the Marketplace

Today, the DI BRIZZI group is distinguished by the exceptional market competitiveness attained by its production sector. Indeed, TUBITALIA is also a producer of advanced piping solutions in the plumbing and heating industry.

Production and Marketing

- 1** *Metal pipes made of aluminum or copper, coated with coextruded polyethylene, are designed for civil, industrial, and agricultural applications.*
- 2** *PP-R (Polypropylene Copolymer Random) pipes and fittings ranging from DN 20 to DN 110.*
- 3** *High and Low-Density Polyethylene Pipes ranging from DN 20 to DN. 400.*
- 4** *Pipes and fittings equipped with gaskets designed for the construction of Polypropylene drains, ranging from DN 32 to DN 160.*





...specifically

- 1 Metal pipes made of aluminum or copper, coated with coextruded polyethylene, are designed for civil, industrial, and agricultural applications.**

The tube consists of two layers of cross-linked polyethylene interposed with an intermediate layer of aluminum. The adhesion between the different layers is achieved through specialized adhesives applied during the extrusion process. This system facilitates the production of tubes with diameters ranging from 14 to 63 mm, available in various thicknesses.

This system integrates the benefits of plastic and metal. Specifically, it is a multilayer pipe (PEX/AL/PEX) composed of two layers of cross-linked polyethylene combined with an intermediate layer of aluminum. The inherent characteristics of plastic, such as low pressure drop, reduced noise, and hygiene, are enhanced by the properties of metal, including superior workability, dimensional stability, minimal linear expansion, and, crucially, an effective barrier against oxygen.

The multilayer pipe, owing to its technical attributes, embodies a product that is not only advanced but also exceptionally innovative.

2 PP-R (Polypropylene Copolymer Random) pipes and fittings ranging from DN 20 to DN 110.

This material, especially suited for the fabrication of pipes and fittings for the conveyance of cold and hot fluids under pressure, facilitates the development of sanitary, heating, and air conditioning systems in both civil and industrial construction.

The characteristics of these pipes are summarized as ease of workability, low thermal conductivity, corrosion resistance, acoustic insulation, minimized pressure drops, and considerations of toxicity and hygiene.





3 **High and Low-Density Polyethylene Pipes ranging from DN 20 to DN 400.**

The application of these pipes is especially appropriate for the distribution of water and gas. Specifically, polyethylene is categorized into two primary types based on its applications:

High density: for the construction of aqueducts, gas pipelines, and networks, fire prevention, wastewater pipes, etc.

Low density: a product appropriate for agricultural applications and broader uses commercial.

High-density polyethylene pipes, available in SINGLE, DOUBLE, and TRIPLE configurations aligned on the same planar axis and interconnected by a continuous rigid fin that ensures their integrity, feature a smooth exterior and may include small axial reliefs internally to minimize friction during cable insertion. They are offered in standard black or can be fully customized in color upon request, with a diameter range:

DN/OD 40 mm for BI-tubes and DN/OD 50 mm for TRI-tubes, while MONO-tubes can be produced in all standard sizes, beginning from \varnothing 20 mm, with or without externally co-extruded colored bands, or featuring a black internal wall and a fully colored external wall upon request, available in rolls for the construction of underground network infrastructures for the installation of telephone and fiber optic cables for telecommunications.

This geometric configuration facilitates the placement of pipes in the trench in either a horizontal or vertical orientation.

A specialized variant of MONOtube \varnothing 63 mm (thickness 3.7 mm) is offered, showcasing an internal surface with 100 axial reliefs.

Polyethylene is distinguished by its properties as a polymer that exhibits high abrasion resistance, exceptional flexibility, lightweight nature, anti-corrosive qualities, thermal stability, UV resistance, and non-toxicity.

4 Pipes and fittings equipped with gaskets designed for the construction of Polypropylene drains, ranging from DN 32 to DN 160.

These pipes are distinguished by their operational temperature, capable of withstanding continuous use at 100° C. The joining method involves straightforward manual insertion, allowing the components to remain movable and recoverable, making this system the fastest to install.

Expansions: each fitting essentially functions as an expansion joint. Consequently, there are no specific issues in calculating the expansions.

Doestinguenza: completely self-extinguishing;

Gaskets: already integrated into the glasses, they endure over time and at the maximum operating temperature of the tube itself.

Polypropylene also guarantees: self-extinguishing properties, lightweight nature, low specific weight, high impact resistance, and resistance to fluids and chemical agents.



Cable duct: BLACK DOUBLE-WALLED CORRUGATED POLYETHYLENE PIPE.

CORRUGATED EXTERNAL and SMOOTH INTERNAL, 450N Series N. Double-layer cable duct adheres to the following standards: CEI EN 61386-24.

Sewerage and drainage: Structured pipe for sewage constructed from black double-density polyethylene featuring a double wall.

The application encompasses non-pressurized underground drainage pipes classified into two categories of annular rigidity: SN 4 for excavation depths ranging from 1 to 3 meters and SN 8 for depths from 3 to 6 meters.

Areas of Application

- civil hot water discharge systems
- industrial hot water discharge systems
- warm
- emissions of corrosive substances
- chemical laboratories
- condensate drainage
- gaseous fumes drainage
- rainwater drainage
- solar collectors
- heat pump installation



Key Clients

Among the primary clients for the provision of pipes, fittings, and thermo-hydraulic materials in general.

AIR FIRE Spa

Supplies for the construction sites of MAXIMALL - POMPEI.

PLURICOM S.r.l.

Supplies for the construction sites of the PIAZZA ITALIA headquarters.

DIANFLEX S.r.l.

Supply of PP-R and polyethylene pipes and fittings

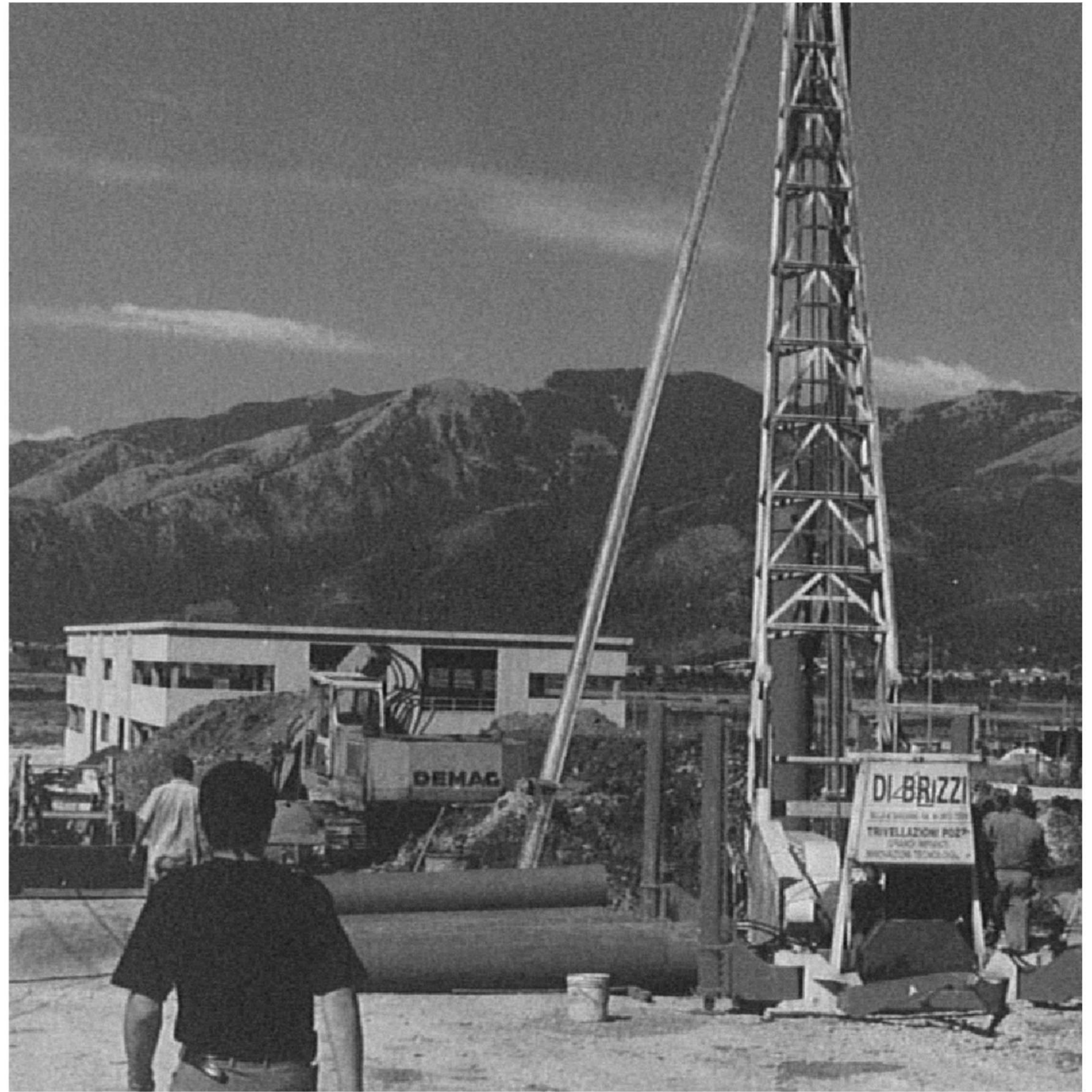
DFL Srl

Supply of PP-R and polyethylene pipes and fittings





















ALUMINIUM SIDA

DI-BRIZZI



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