

FIREMag

The Mozzanica Company Magazine

■ SECURITY AND SUSTAINABILITY: A GLOBAL CHALLENGE FOR THE FUTURE

■ SUSTAINABILITY AND GREEN IDEALS: WHEN DO THEY RISK BECOMING JUST MARKETING BUZZWORDS?

■ FIRE PROTECTION KNOW-HOW AND EXPERIENCE SINCE 1987

■ FIRE PROTECTION: A CRITICAL ISSUE FOR THE OIL & GAS AND ENERGY SECTORS

■ THE OIL&GAS MARKET: CHARACTERISTICS AND REQUIREMENTS

■ THE RISE OF THE FIRE PROTECTION MARKET IN SOUTH ASIA: BETWEEN INDUSTRIAL GROWTH AND TECHNOLOGICAL INNOVATION

■ INNOVATION AND MULTIDISCIPLINARITY IN GLOBAL FIRE SAFETY

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Cover photo: Oil&Gas plant

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FIREMag is the Mozzanica house organ created to spread the culture of fire protection through sharing news, business successes and personal experiences.

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The point of view

by Jordan Mozzanica

Security and sustainability: a global challenge for the future



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We live in a world that moves so fast and is so full of different opinions, sometimes conflicting ones, that it is necessary to clearly explain and illustrate the concept of sustainability. Otherwise, it risks being reduced to nothing more than a trendy buzzword.

Recent economic analyses have highlighted that *true* sustainability requires a balance between technological innovation, operational efficiency and environmental responsibility—a balance that is not always easy to achieve.

Fire protection is at the heart of this challenge. As demonstrated by the recent incident at a chemical factory in Maharashtra last December, safety is not just a regulatory obligation but a fundamental strategic element for protecting human lives and ensuring operational continuity.

The World Bank confirms that **India's economy will grow between 6.3% and 6.8% in the 2025-2026 fiscal year**, driving unprecedented industrial expansion in South Asia. This growth represents an extraordinary opportunity but also carries significant responsibilities in terms of safety, particularly concerning the design and development of infrastructure.

At Mozzanica, we believe that sustainability lies in solutions, including existing ones, that ensure environmental protection without compromising effectiveness.

Our Inergen® IG541 inert gas systems, certified in accordance with the UNI EN 2:2005 standard, are the perfect example of this philosophy: composed of elements naturally present in the atmosphere,

they provide complete protection without damaging the ozone or contributing to the greenhouse effect.

Similarly, our ORS technology (Oxygen Reduction Systems) represents a step forward in sustainable fire prevention, creating a controlled atmosphere that prevents fire from developing without the use of harmful chemical agents, particularly important

in contexts such as Bangalore's "Indian Silicon Valley" or the China-Pakistan economic corridor.

Let's not forget the most abundant element in nature, which serves as the first line of defense against fire: water.

True sustainability in fire safety is not a utopia—it's a tangible reality, but one that requires conscious investments and a long-term vision.

In fact, those with awareness and foresight understand that the future belongs to those who combine economic growth plans with feasible short- and long-term goals, embracing responsibility toward both people and the environment.

For this reason, our company goes beyond simply providing products: we aim to offer integrated solutions that support companies on their journey toward *truly sustainable* safety, from detection to suppression, from analog to digital, from local to global. ●



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AT MOZZANICA WEBSITE

“Technology serving the environment still has significant costs for the Italian business sector. The trends tell of a truly sustainable future, but we need to create the conditions for them to be adopted globally.”

Sustainability and green ideals: when do they risk becoming just marketing buzzwords?



Sustainability and green ideals: when do they risk becoming just marketing buzzwords?

What will truly be considered sustainable in 2025?

Sustainability has become one of the most overused buzzwords of our time, a term as widespread as it is, perhaps, misunderstood.

Just a few years ago, we talked about an “ecological footprint,” a term referring to the number of forested acres, pastures, arable land, and marine areas needed to replenish consumed resources and absorb the waste we generate.

Over the decades, we've made significant progress. Just think of waste sorting, catalytic converters, and reduced plastic consumption.

Yet, as always, we know there's still room for improvement.

This is what makes sustainability such a relevant topic today, compelling us to ask ourselves what we do in our daily lives to strive for improvement.

Corporate strategies are increasingly geared toward environmental responsibility, but at what point do these green ideals risk turning into mere marketing strategies?

What do we mean by this? Let's look at a practical example.

In production, which is less polluting: a reusable aluminum water bottle or a single-use plastic bottle?

The carbon footprint of an aluminum bottle is actually significantly higher in the production phase. It requires a substantial amount of energy for both extracting and processing the material. In fact, an aluminum bottle needs to be reused considerably – at least 50–100 times – to offset its initial environmental impact compared to plastic bottles.

Given this, it's worth asking ourselves what real en-



environmental benefits we are actually achieving.

When does a choice put safety at risk?

The fire protection industry has long offered truly sustainable systems.

However, even here, a contradiction exists between apparent and real sustainability. Truly sustainable systems often require significant investments, so their implementation is frequently put aside in favor of other fire protection solutions with lower economic impact.

search and development could broaden access to more sustainable technologies, improving current outcomes and extending their benefits over time.

Technology serving the environment: solutions that really work

There are exemplary systems that are genuinely sustainable and effective, but

...seemingly 'green' solutions require a conscious, long-term commitment to realise their actual environmental benefit.



So let's consider another practical example.

A potential fire in a warehouse protected by an inadequate fire protection system doesn't just destroy goods—causing obvious financial damage—it also creates pollution and could endanger lives, an immeasurable cost that no financial savings can ever justify.

Is sustainability a luxury? The disparity between what's possible and what's prioritized

The truth is that sustainability can also come with a high price tag.

One solution could be raising awareness of these systems, creating tangible expectations of safety that positively influence economic evaluations.

In this way, significant investments in re-

they also require a different implementation approach from all stakeholders involved in fire prevention and the construction of risk-containing facilities, such as data centers, historical archives, automated warehouses, cold storage units, and laboratories.

These include inert gas fire suppression systems, such as INERGEN, which offer a 100% eco-friendly solution for protecting enclosed spaces.

This gas, composed of naturally occurring elements in the atmosphere (nitrogen, argon, and carbon dioxide), does not harm the ozone layer or contribute to the greenhouse effect. Its uniqueness lies not only in its zero environmental impact but also in its complete operational sa-

fety, leaving no residue after use.

Similarly, oxygen reduction systems (ORS) represent an even more advanced evolution in sustainable fire prevention, creating a controlled inert atmosphere that prevents fires from developing without the use of harmful chemical agents.

For all other fire protection needs, there's the most ancient and widely used element: water.

In many industrial contexts, water remains a truly sustainable alternative that ensures effective protection.

If environmental regulations work hand in hand with fire safety standards, it will undoubtedly be possible to develop innovative solutions driven by the right ideals—solutions that do not compromise the effectiveness of protection systems.

Beyond greenwashing: the path to genuine sustainability

The journey toward fully sustainable fire safety is constantly evolving, and the existence of these technologies proves that it is far from being a utopian ideal.

Environmental regulations can become a powerful driver of innovation when they are viewed as opportunities for growth rather than restrictive constraints.



The real challenge for the future lies not only in technological advancements but, above all, in a cultural shift. It's essential to move beyond seeing sustainability as a mere marketing tool and instead recognize it as a necessary investment in our shared future.

This is how we can talk about genuine sustainability. ●



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Fire protection know-how and experience since 1987



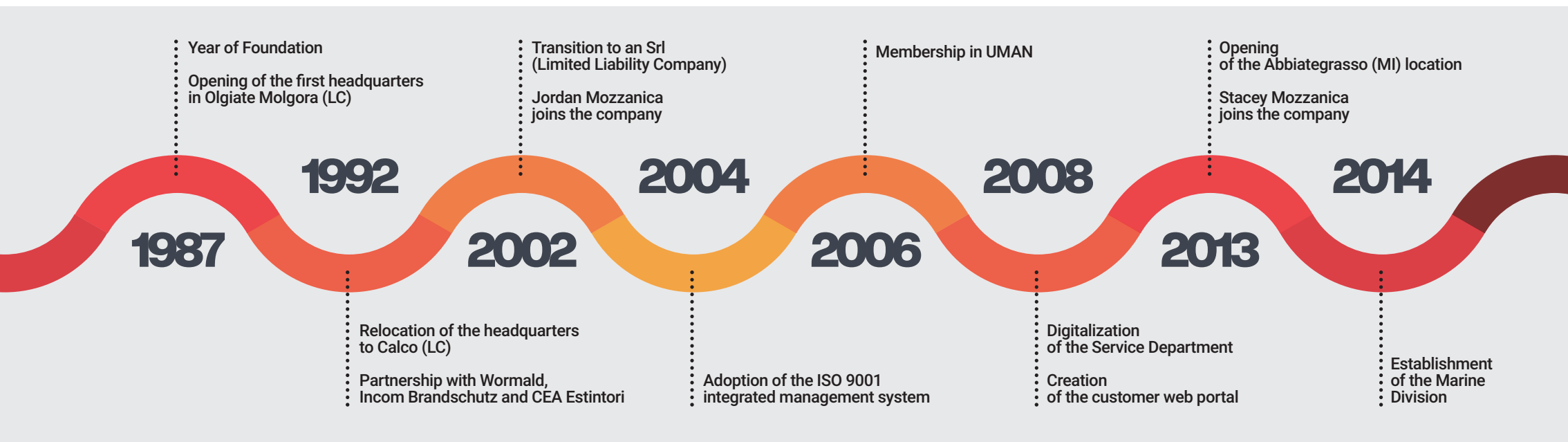
Natale Mozzanica
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In the Italian fire prevention landscape, Mozzanica's story is one of a company that has always moved forward with clear objectives.

It all started in 1987, when the passion and entrepreneurial drive of the Mozzanica brothers led the company to take its first steps in the fire safety sector as a small, dynamic, hands-on and results-driven

Brandschutz, and CEA Estintori. These collaborations helped the company quickly establish a solid foothold in the market.

The company's hallmark was the combination of hard hands-on work, adherence to rigorous quality standards, and a systematic approach to operations. This allowed Mozzanica to manage the most advanced systems of the time, ex-



business, specializing in the sale and maintenance of fire extinguishers.

Thanks to the unwavering commitment and professionalism of its founders, the early years were marked by rapid growth. This success was driven by dedication and strategic partnerships with both small industry players and multinational corporations such as Wormald Italiana, Incom



and its reach, and gain the trust of customers with high expectations for quality and safety.

Mozzanica expands

In a virtuous cycle, it was these very clients who encouraged Mozzanica to grow, equipping itself with advanced management tools for every stage of operations, from design to ser-

vice.

In the following years, joining UMAN—the Confindustria-affiliated association of fire protection material manufacturers—was a natural next step. Natale Mozzanica, the company’s CEO, was elected President for two terms, followed by a third as Past President, a recognition of his career dedicated to fire protection.

fire protection markets.

Throughout its growth, Mozzanica has consistently made significant investments—and continues to do so today—in the development of innovative tools and processes, from design to advanced maintenance and after-sales service, ensuring a comprehensive, high-quality, and highly customized service. International expansion and research—

Natale Mozzanica, supported by his children, Jordan and Stacey Mozzanica, with whom the generational transition is underway, the company is recognized for its multidisciplinary expertise and commitment to excellence.

With consolidated know-how across key industries and a strong ability to anticipate market needs, Mozzanica ranks among Italy’s top family-owned busines-



The old Calco location headquarters

“Our mission is to engineer and digitalize high-value fire protection solutions, developing cutting-edge technologies that anticipate market requirements and making them available to our clients to ensure their safety at all times.”

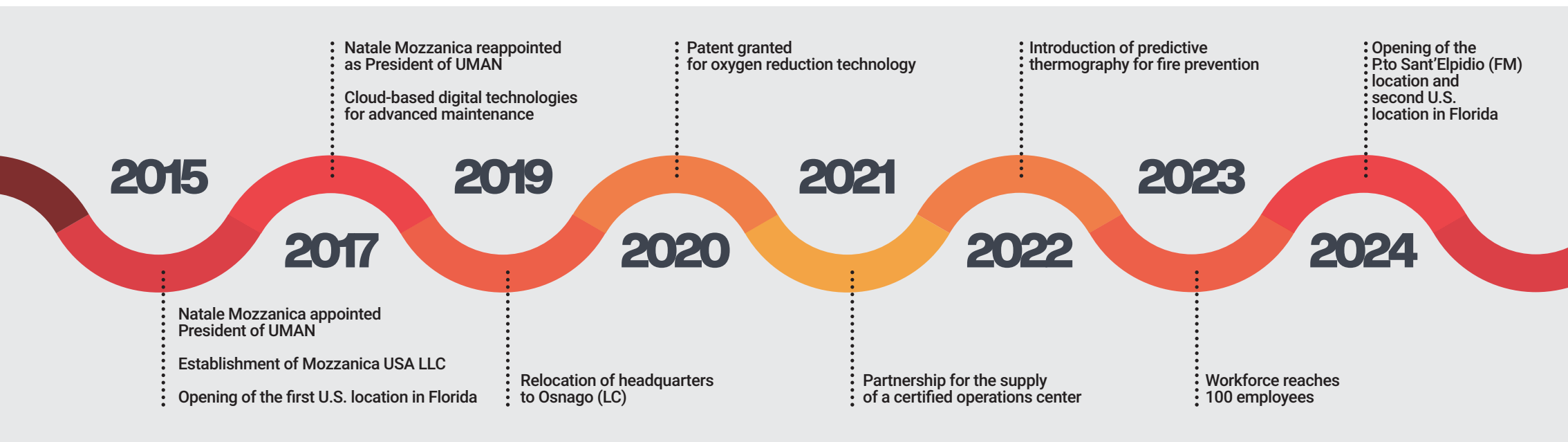
Company management

The company’s commitment to industry representation, engaging with the highest levels of the Fire Department and relevant Ministries on fire safety matters, has been made possible by the establi-

shment of a strong management team that has supported the owner in strategic decision-making. This same team has enabled Mozzanica to achieve its current industrial scale in land-based fire protection and to rapidly expand into the Marine and Oil & Gas

ses, offering highly complex, turnkey fire protection solutions and services on a global scale.

The deep sense of belonging among employees and the daily contributions of each individual fuel the company’s ability to meet the demands of increasingly so-



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An Italian family company for global fire protection

Today, nearly four decades after its founding, Mozzanica stands out as a leader in the fire protection sector. Under the expert guidance of

phisticated markets, embodying the excellence, creativity, and innovation that define Italian craftsmanship and industry. ●



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“Fires and explosions in Oil & Gas facilities are catastrophic events that jeopardize the safety of surrounding areas and cause irreversible environmental damage”

Fire protection: a critical issue for the oil & gas and energy sectors

Wikipedia.org - Incendio alla Capeco di Bayamón, Porto Rico



Ensuring safe facilities and that personnel are protected are non-negotiable priorities in high-risk sectors such as Energy and Oil & Gas, due to the presence of highly flammable and explosive materials and substances. Unfortunately, accidents can have devastating consequences, resulting in loss of life, severe environmental damage, and immeasurable economic losses.



The causes of fires in these sectors are numerous, but they are often linked to human error, equipment failures, inadequate maintenance, or, more rarely, to natural events such as lightning.

In high-risk contexts such as onshore and offshore installations, power generation plants and Oil & Gas infrastructure, fire prevention is a critical asset that requires a multidisciplinary approach and cutting-edge technological expertise, in order to ensure plant safety, regulatory compliance, operational continuity and the protec-

tion of the workforce.

Companies must take appropriate preventive measures, such as staff training, regular maintenance of plants and equipment, installation of fire detection and alarm systems, and the development of emergency response plans.

For years, companies in the sector have specialized in developing innovative fire protection solutions, offering a comprehensive range of services that include design, installation, maintenance, and after-sales support.

A comprehensive portfolio for a sector with complex needs

The expertise gained over the years enables companies like Mozzanica to provide added value across various types of facilities, including the petrochemical industry, natural gas production, offshore platforms, storage sites, chemical and industrial processing plants, gas and oil transportation systems via pipelines, petroleum terminals, and power plants.

Integrated solutions and cutting-edge technologies

Mozzanica is able to manage complex projects at

every stage, starting with a thorough preliminary risk assessment and continuing with detailed engineering, construction, installation and final supervision. Highly qualified design teams work in close collaboration with the client's technical departments to identify the most effective risk mitigation solutions, utilizing advanced calculation software for structural and system analysis, as well as 3D CAD modeling platforms for project visualization and validation.

Special attention is given to facilities located in seismic areas, where specific technologies are implemented to ensure

Companies must take appropriate preventive measures, such as staff training, regular maintenance of systems and equipment, installation of fire detection and alarm systems, and the development of emergency response plans.

the proper functioning of fire protection systems even under extreme conditions.

Adding further value is CtRM, a proprietary cloud-based digital platform that enables remote monitoring, telecontrol, and advanced management of fire protection system maintenance, optimizing response times and reducing costs.

A comprehensive approach to security: from detection to extinction

Mozzanica offers a wide range of integrated technologies for facility safety and personnel protection, including advanced fire detection systems, active and passive fire protection solutions, specialized fire-fighting equipment, and personal protective equipment.

Among the detection systems, those that stand out include smoke, gas, and flame detection systems, snuffing systems, predictive thermography for early thermal anomaly detection, VESDA (Very Early Smoke Detection Apparatus) systems, fiber-optic-based solutions, and integrated thermographic systems.

For active and passive fire protection, available solutions include sprinkler systems, deluge systems,

water mist systems, foam systems, powder systems, gaseous extinguisher systems (such as Inergen, Novec, inert gases, and wet chemicals) and ORS (Oxygen Reduction Systems), as well as smoke and heat evacuation systems and voice evacuation systems (EVAC).

The range of firefighting equipment and

personal protective equipment (PPE) includes specialized firefighting gear, certified fire doors and escape routes, fire-resistant shutters, extinguishers, hydrants, PPE and life-saving products, self-contained breathing apparatus (SCBA), emergency escape breathing devices (EEBD), emergency detection devices, and the complete outfitting of firefighting vehicles.



Certifications, standards and regulatory compliance: a guarantee of quality

Mozzanica operates in compliance with UNI EN ISO 9001 certified management systems according to international standards, adhering to the main global regulatory frameworks, and thus ensuring the highest levels of quality, reliability and safety of its products and services. ●



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Download it now!

Firefighting solutions for Energy and Oil & Gas



Download the brochure by framing the QR-Code

The Oil&Gas Market: characteristics and requirements



Mario Mignacca
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The Oil & Gas sector is a booming industry worldwide. We interviewed Mr. **Mario Mignacca**, Technical & Marine Director of Mozzanica, to learn more about fire prevention.

Good morning, Mr. Mignacca. You are the Technical & Marine Director at Mozzanica and have been working in the fire protection industry for nearly thirty-five years. In your opinion, what are the main fire protection requirements in the Oil & Gas sector?

The typical client operating in the O&G sector needs a reliable partner who can offer effective fire protection solutions based on a detailed risk analysis. In 100% of high-risk cases of this kind, the HAZOP technique or analysis is used. With this method, various stakeholders come together to assess potential incident scenarios and correctly identify the type of risk to be managed. This makes it possible to apply fire protection measures and systems specifically suited to the type of flammable liquid, gas, or other material present in the processing or storage area under consideration.

The client also needs their chosen partner for managing these types of risks to have extensive expertise in all international and

local regulations, as well as a thorough understanding of the approval requirements for the materials to be supplied, ensuring compliance with the end user's technical specifications and the environments in which they will operate.

The media often describes this sector as one that is constantly expanding, evolving rapidly, and influenced by geopolitical changes. What is your opinion on this?

Historically, this sector has always been closely tied to geopolitical shifts and various war scenarios, such as those involving Libya, Iran, Iraq, and more recently, Russia. However, even when certain regions become restricted for various reasons (such as the Iran/Russia embargo), new market

opportunities consistently emerge, allowing major EPC companies in the industry to continue expanding their business. For instance, in recent years, Saudi Arabia has launched an investment plan worth billions of dollars, extending beyond 2030. This includes large-scale petrochemical plant construction (ARAMCO, TOTAL, etc.) as well as major infrastructure projects, both within the O&G sector and in other industries that remain interconnected with the country's economic strategy.



What characteristics must a company have to successfully enter this market?

You cannot enter the O&G market without personnel who possess specific expertise in the sector and experience in managing international projects. A company must be well-structured and have prior experience working with major clients who operate according to the methodologies of EPC companies.

In the initial phase, after obtaining various certifications and building a reference list of projects relevant to the market, the company must actively promote its activities to key international operators in the sector. Following this branding and product promotion phase, and after organizing all its internal processes, the company must proceed with qualification procedures for various Oil & Gas companies. This qualification process is quite complex, as the documentation required by end clients and EPC companies is organized by area, including management, certifications, personnel, processes, safety, finance, financial indicators, specific references, and more. Only after completing these qualifications will the company be able to respond to international market demands in Europe, the Middle East, Asia, and the USA. Earning the trust of EPC companies and end users will take time, as these major clients who manage high-risk systems will only entrust the supply of components and systems to new companies after numerous audits and verifications.

Orders can come from clients in different parts of the world. What does this entail?

I can confirm that orders can be placed by clients of different nationalities for various destinations. As I already mentioned earlier, managing complex projects to be installed abroad requires a robust organizational structure in terms of project management, construction, logistics, finance, and more. For international contracts, we typically work with common international reference standards, along with additional local regulations and

codes that must be applied as an essential condition for the final handover. Furthermore, for this type of contract, it is



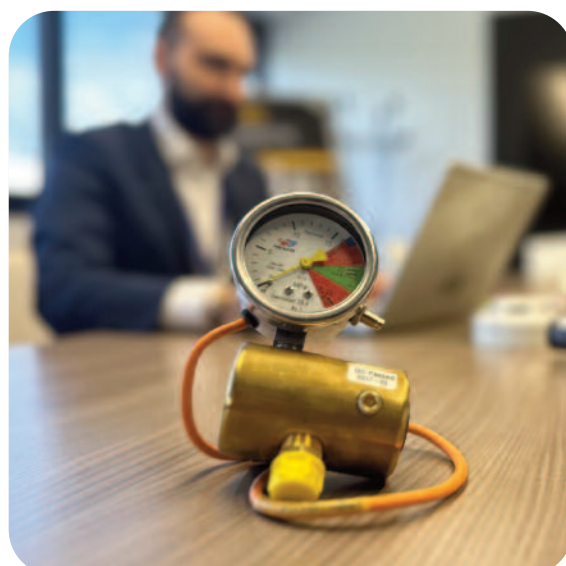
crucial to carefully consider the company's financial commitments in accor-

...managing complex projects to be installed abroad requires a robust organizational structure in terms of project management, construction, logistics, finance, and more.

dance with contractual clauses and various guarantees. I have not mentioned technical and managerial expertise, as these are already fundamental components of companies operating in this type of market.

What are the most difficult issues to resolve when managing an Oil & Gas project, and what is the best way to solve them?

There are no insurmountable challenges, but rather various technical and scheduling complexities that arise during diffe-



rent phases of the project, including design, construction, and material selection.

To successfully manage this type of project, the first essential factor is the expertise of the entire team appointed by the EPC client or the end user. By "team," I refer to both the partner's team responsible for supplying fire protection components/systems and the client's/EPC's project team. It is crucial to operate as a single entity and tackle the initial challenges together across all phases—system and component design, selection of suitable materials for the specific protection needs and environment, factory testing, on-site construction, and final testing, up until acceptance by the international end user.

Mozzanica also operates in the Oil & Gas sector. What added value can it bring to the industry?

Through its presence in various markets, Mozzanica can effectively leverage past experiences and apply specific insights to Oil & Gas projects. One example is the marine Type Approval certifications, which can serve as a reference for factory testing before delivery to the end client. This can be an added value, even though testing in the sector is already highly rigorous, as it follows a well-defined Inspection Test Plan and Quality Control Plan for each project.

In conclusion, what outlook do you see for this market and for Mozzanica?

I believe that Mozzanica, thanks to its multidisciplinary corporate know-how, international certifications, and worldwide organization, will continue to expand its presence in the market for turnkey integrated fire protection systems in the Oil & Gas sector. ●



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The rise of the fire protection market in South Asia: between industrial growth and technological innovation

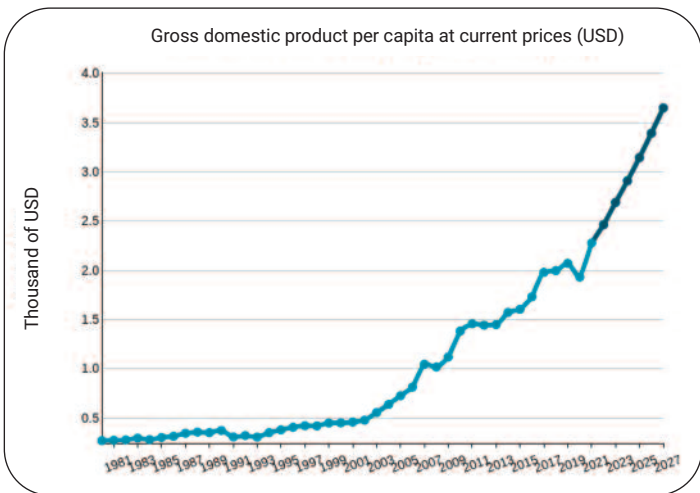


“New opportunities for cutting-edge protection systems with India’s industrial expansion”



India’s and South Asia’s economic rise is one of the most significant phenomena in the modern era. The Indian government forecasts GDP growth between 6.3% and 6.8% for the 2025-2026 fiscal year, a projection confirmed by World Bank estimates, marking an unprecedented phase of industrial expansion.

The past two decades have witnessed a historic industrial transformation, with growth rates consistently surpassing the global average.



India in particular has emerged as a global manufacturing powerhouse, driven by key factors such as a young and skilled workforce, competitive costs, and government policies favorable to foreign investments.

The country has successfully supported highly specialized industrial clusters in space technology, pharmaceutical production in Gujarat, IT services in Bangalore (often referred to as India’s Silicon Valley), and the chemical sector in Maharashtra.

Now, rapid industrialization brings crucial challenges in terms of security and risk management. The increasing complexity of industrial plants and the concentration of activities in the chemical, pharmaceutical, and manufacturing sectors require greater attention to infrastructure and open new opportunities for related protection systems.

A case in point is the accidents that occurred in a chemical factory in Maharashtra last December, highlighting that fire safety is not just a regulatory requirement but a strategic element for protecting human capital and ensuring the sustainability of economic development.

In this context, Mozzanica’s detection and suppression systems can play a crucial role in safety, particularly in complex environments such as the chemical and pharmaceutical sectors, where the timely identification of fires or gas leaks is essential for protecting people and assets.

Innovation and sustainability in infrastructure expansion

The convergence of infrastructural expansion and technological innovation highlights fundamental issues related to worker protection and workplace safety.

The Indian government has increased infrastructure investments by 11.1%, reaching \$133.3 billion

for the 2024-25 fiscal year.

This creates an ideal scenario for companies like Mozzanica to position themselves as efficient and reliable partners for growing businesses, thanks to solutions such as Inergen® IG541 inert gas systems, an eco-friendly, UNI EN 2:2005-certified solution.

By utilizing zero-impact natural gas mixtures, these systems represent the most

...India has emerged as a global manufacturing powerhouse thanks to a few key factors: a young and skilled population, competitive costs and government policies open to investment...

advanced fire protection technology available today, perfectly aligned with future sustainability requirements, particularly for new infrastructure projects in the land, marine, and Oil & Gas sectors.

Advanced technologies for the chemical sector

Maharashtra's chemical sector accounts for approximately 25% of the country's total chemical production. The region benefits from its proximity to the port of Mumbai, India's main commercial hub, and a well-developed infrastructure network. This is why numerous chemical and petrochemical plants are concentrated here.

Mozzanica addresses this complex landscape with a range of solutions, including both conventional and analog systems, with in-house assembled control units that integrate fire detection, gas detection and EVAC systems.

This integration enables optimal management of safety procedures, essential for complex industrial environments where risks are diverse and interconnected.

Addressable systems, with their ability to pinpoint the exact location of activation, prove particularly effective in managing large industrial facilities.

Innovative solutions for emerging markets

South Asia's rapid industrialization is reshaping not only regional economic balances, but also industrial security needs. In this transformative landscape,

countries like Nepal and Pakistan are emerging as new players in Asia's manufacturing sector.

Pakistan, in particular, is experiencing a phase of significant industrial expansion, driven by the China-Pakistan Economic Corridor, now in its second phase.

While the first phase established the infrastructure foundation, the second is focused on developing an advanced and

sustainable industrial ecosystem.

Special Economic Zones (SEZs) are at the heart of this transformation: designated areas where both Chinese and Pakistani

enterprises benefit from tax incentives, modern infrastructure, and streamlined administrative procedures.

A rapidly expanding industrial landscape like this demands cutting-edge safety systems capable of operating in often extreme environmental conditions, where



the reliability of traditional infrastructure cannot always be taken for granted.

Inert gas systems such as Novec offer strong capabilities for ensuring optimal fire protection.

When transitioning to a gaseous state, it absorbs heat from the flames and, by saturating the environment, removes free radicals and the oxygen available for combustion. It is an effective agent for Class A, B and C fires, does not react with chemicals, water or moisture and is electrically non-conductive.

The impact on the Indian subcontinent

Nepal, with its industrial sector contributing 13% to GDP, and Pakistan, driven by

the ambitious China-Pakistan Economic Corridor, represent growing markets well-suited for advanced fire protection systems.

Mozzanica's air sampling systems, which continuously draw in and analyze air for the presence of smoke or gas, provide uniform and precise coverage—an ideal solution for the large-scale infrastructure developments in the region. This technology is particularly crucial for protecting data centers, automated warehouses, and critical infrastructure, which are rapidly expanding across the area.

The future of fire safety in South Asia

India's projected export growth to \$1 trillion by 2030 demands increasingly secure and efficient logistics and manufacturing infrastructure.

Mozzanica's ORS technology can provide significant advantages in this context, including the complete elimination of fire risk, zero environmental impact, and exceptional effectiveness in high-risk areas where traditional systems might prove inadequate.

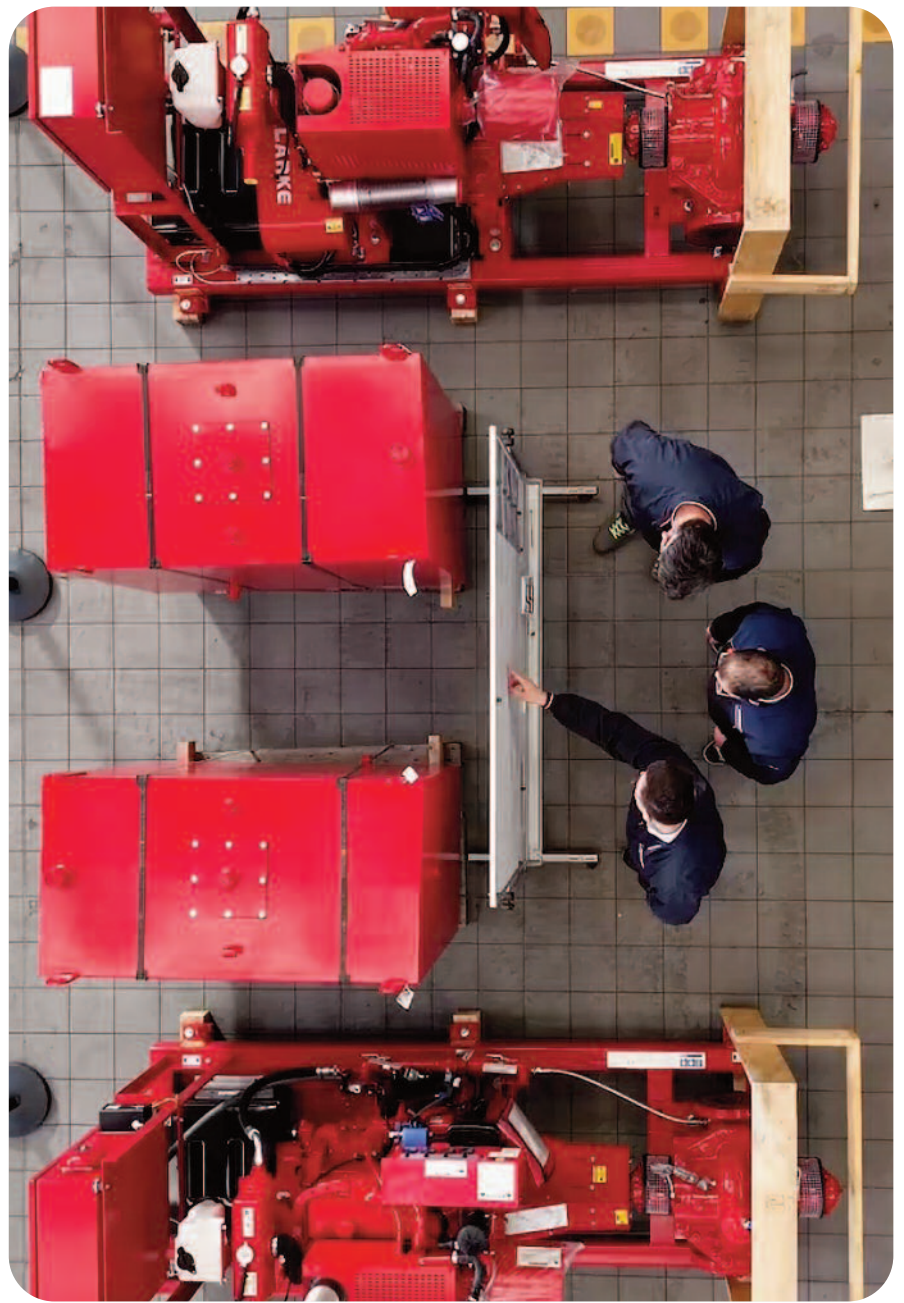
Its continuous monitoring capability and on-site production of inerting agents make this solution particularly well-suited to the region's logistical challenges. This moment represents a unique opportunity, an exceptionally favorable conjuncture for the implementation of advanced fire protection systems in South Asia, where economic growth and technological innovation create the ideal conditions for adopting cutting-edge solutions.

The systems offered by Mozzanica can help ensure a safer and more sustainable future for the region's new and futuristic infrastructure. ●



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Innovation and multidisciplinary in global fire safety



Mozzanica Company BOD

From a small-scale Italian company to a leader in fire protection solutions: a journey driven by expertise, innovation and sustainability.

Osnago (LC) – In a world where fire risks are becoming increasingly complex and diverse, an Italian company stands out for its ability to provide innovative and customized solutions, the result of

a multidisciplinary vision and in-depth knowledge of the sectors it serves. That company is Mozzanica, founded in 1987 as a small independent business specializing in the sale and maintenance of fire extinguishers, which has since grown into an international benchmark in fire safety.

The secret to Mozzanica's success lies in an approach that goes beyond simply supplying

products and services. Today, under the leadership of the founding family's second generation, the company acts as a strategic partner for its clients,

offering comprehensive support across all stages of the process, from risk analysis to system maintenance.

Multidisciplinary: the key to successfully tackling complex market challenges

Multidisciplinary is a fundamental pillar of Mozzanica's philosophy. The company has developed an organizational model that integrates diverse expertise, from engineering design to logistics, from production to installation, all the way to testing and maintenance. This approach enables Mozzanica to tackle complex market challenges with a 360-degree vision, delivering integrated and customized solutions for every specific need.

"Multidisciplinary is our greatest strength," says Natale Mozzanica, the company's President. "It allows us to fully understand our clients' needs and provide solutions that are simultaneously effective, innovative and sustainable."

Diverse application fields: from logistics to the petrochemical industry

Mozzanica's multidisciplinary expertise translates into the ability to operate across different indu-



stries, each with its own unique challenges and requirements.

The company serves the industrial, marine, and oil & gas sectors, providing specialized services for logistics, manufacturing, the chemical and pharmaceutical industries, waste treatment, software, telecommunications, and the automotive sector.

A particular focus is reserved for the Oil & Gas industry, where fire risks are especially high and safety regulations are extremely stringent.

Mozzanica delivers fire protection solutions for the petrochemical sector, gas production, offshore and onshore platforms, storage sites, processing plants, gas and oil pipelines, petroleum terminals, and power plants.

Design and construction: an integrated approach for maximum effectiveness

The design and construction of fire protection systems represent another area of excellence for Mozzanica.

The company has a team of highly quali-

fy engineers capable of developing customized solutions based on in-depth risk analysis and the use of cutting-edge technologies.

Multidisciplinary remains a fundamental pillar that integrates diverse expertise: from engineering design to logistics, from production to installation, all the way to testing and maintenance.

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Mozzanica's design approach relies on CAD platforms for 3D modeling and specialized software for structural and system calculations. This enables engineers to identify the most effective risk mitigation solutions while considering the specific characteristics of the environment in which the system will operate.

The construction phase is equally crucial. Mozzanica employs high-performance construction methodologies, including in-house prefabrication and pre-assembly of components. This approach helps re-

Engineering and installation: a highly qualified team when it comes to safety

The engineering and installation of fire protection systems are complex tasks that require specialized expertise and a strong focus on safety.

Mozzanica has a team of highly qualified technicians capable of working in diverse environments while ensuring the proper installation and testing of systems.

Mozzanica's installation team is led by in-house project managers who, in compliance with the ISO 45001 company management system, strictly follow the

stringent regulations governing site management, workforce, components, equipment, and materials.

This ensures full compliance with the project specifications required by the client and guarantees the highest level of

safety for all parties involved.

Global presence: bringing service closer to customers worldwide

Mozzanica is a company with a strong international focus. With operations in Italy and the United States, it also relies on a network of qualified local service points in key regions worldwide.

This enables Mozzanica to stay close to its customers all around the world, providing fast and efficient service.

"Our global presence is an added value for our clients," explains Jordan Mozzanica, the company's Sales Director".

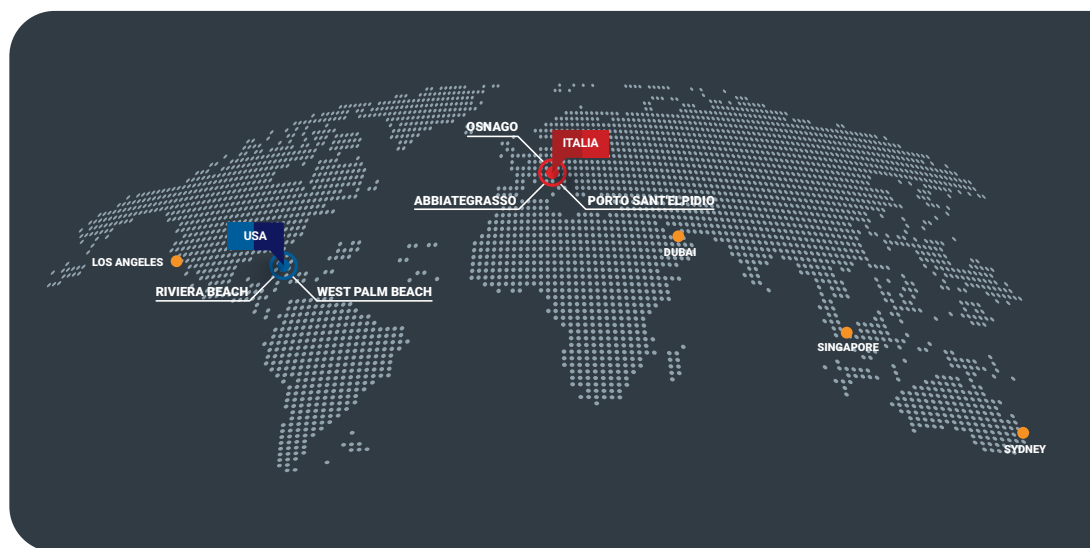
It allows us to always be available, understand their specific needs, and offer cu-

stomized solutions for every environment."

Sustainability: a tangible commitment to the future of our planet

Mozzanica is a company that is committed to minimizing the environmental impact of its operations.

The company follows a business model focused on the development, design, and installation of innovative, high-value fire protection systems, prioritizing the reduc-



tion of harmful emissions by using eco-friendly extinguishing agents such as water, inert gases, and fluorine-free foams. Additionally, it implements a responsible approach to managing waste materials generated from maintenance and production activities.

"Sustainability is a core value for our company," concludes Jordan Mozzanica, Marketing and Communication Manager. "We are committed to providing solutions that are effective, safe and environmentally friendly.

We believe that fire safety and environmental sustainability can and should go hand in hand."

In an increasingly complex and interconnected world, Mozzanica continues to be a reliable and skilled partner, offering innovative and sustainable fire protection solutions to ensure the safety of people, property, and the environment all around the world. ●



THE FULL ARTICLE IS AVAILABLE AT MOZZANICA WEBSITE



Career Day 2025

The Mozzanica Human Resources Office Team will take part on **14 May 2025** from 9:30 a.m. to 6:00



POLITECNICO MILANO 1863

p.m. at **Campus Bovisa of Politecnico di Milano** in Via Lambruschini 4, building BL27, at the **Career Day 2025 Polimi**, the annual employer branding & recruiting appointment entirely addressed to technical profiles.

A unique opportunity where the world of work meets Polimi students and graduates, where networking, meeting potential candidates and collecting Curriculum Vitae.



Work in Progress: a new sprinkler system is being installed

The Mozzanica Technical Team is coordinating the installation of a new sprinkler system that will protect over 6500 square metres of warehouse area.



Goals achieved: 400 fire extinguishers sold

Mozzanica has sold more than 400 fire extinguishers since the beginning of the year. The fire extinguisher, the first weapon available to fight fire, is still the most widely used passive protection device in the world.

Careers at Mozzanica

We are constantly looking for ambitious new talent with passion, commitment and ingenuity, to whom we want to offer extensive professional opportunities in an inclusive working environment with high safety standards and customised development paths.

Do you also want to be part of our team? Send us your CV.



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