





TEMASISTEMI SpA | ITALY

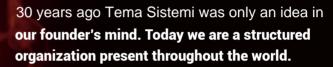
TEMASISTEMI.COM INFO@TEMASISTEMI.COM

There was a time we innovated the traditional fire protection by improving the best technologies already existing.

Then, time had come for us to change perspective, stop looking backwards and develop brand new fire extinguishing solutions.
Solutions never thought of before.







Among the pioneers of the most innovative fire technologies in Europe, we are an international company highly specialized in engineering, manufacturing and maintenance of certified and customer oriented fire fighting systems and products.

The heart of our company is the Research and Development department; in strong cooperation with standardization bodies, institutions and universities, our engineers experiment every day, developing technologically advanced and eco-friendly fire-fighting solutions with an innovative design.

Every technology we develop is engineered and manufactured in our own laboratories and proven in our test fields, equipped for live indoor and outdoor simulations, in cooperation with our partner company Tema Safety & Training.

With more than 100 certifications worldwide obtained, our fire suppression systems are approved by the most prestigious national and international certification bodies.

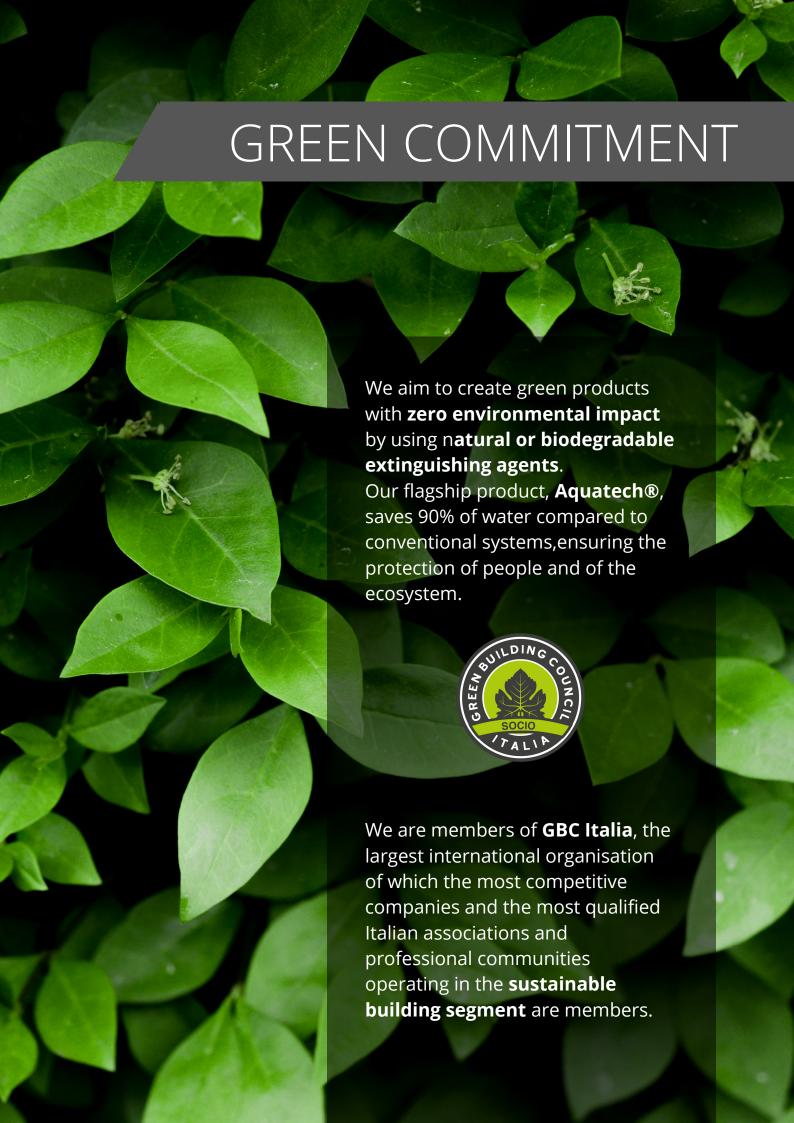
Sectors we protect with passion:

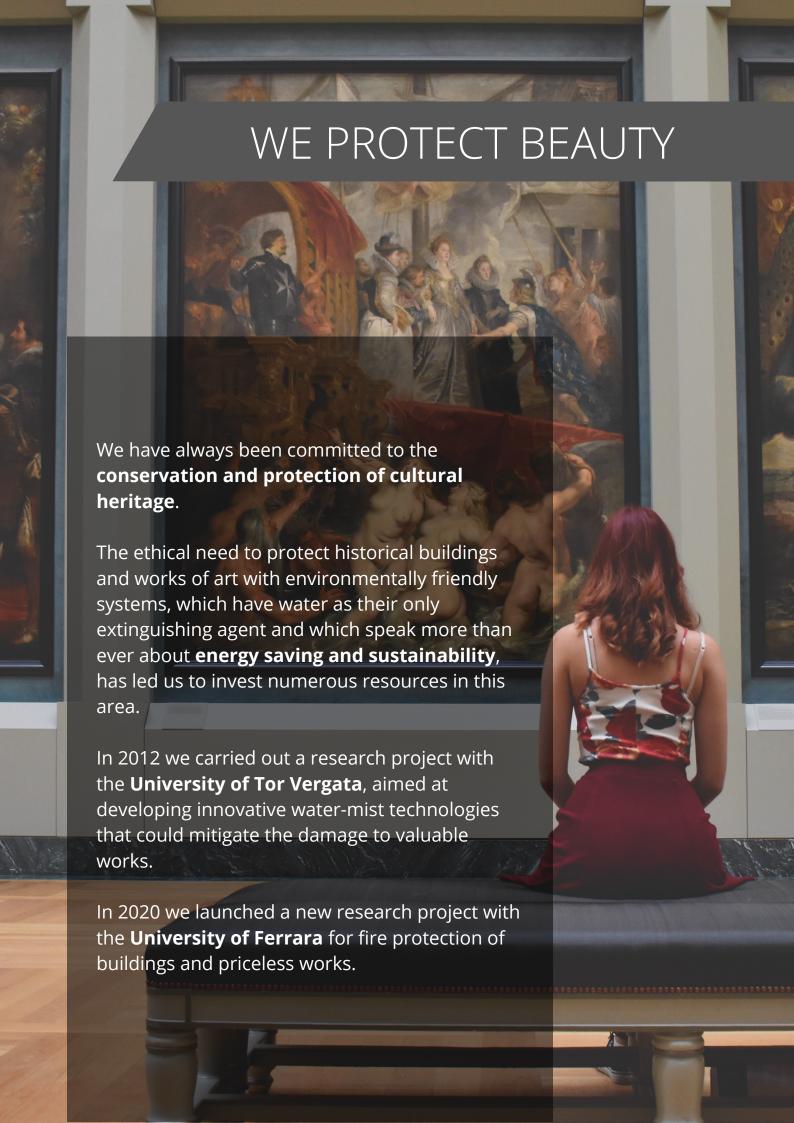
- Oil & Gas and Energy
- Marine
- Transportation and Infrastructures
- Industry
- Buildings and Cultural Heritage
- Luxurious places













FIRE PROTECTION SOLUTIONS

Nature gives us the solution. We add the high technology.

In our fire fighting projects we support an **eco-friendly policy**. We **observe natural elements**, study their behaviors, **enhance their properties** translating them into technological fire extinguishing solutions.

Our systems to protect you from fire:

- High pressure and low pressure Water mist
 Aquatech® & Aquatech® Plus: the power of a water drop
- **High pressure concealed Water mist**Aquatech® Deluxe: the invisible Water mist
- Foam
 High, medium and low expansion systems and equipment
- Wetting agent
 FireFive®: the micelle encapsulator era
- Inert gases
 Nargotech®: natural gases for the environment's sake
- Eco-friendly gases

Clean agents

- Twin agents
 For the most extreme fires
- Water
 Fire fighting systems and equipment from the "Eco-tradition"
- **CO2**Proven gas installations
- Powder
 The solution at your fingertips
- Fire & Gas detection
 Timely prevention, prompt intervention



Aquatech® Plus

Aquatech®, high pressure Water mist able to smartly use the extreme extinguishing power of a single water drop.

Aquatech® Plus, low pressure Water mist using **water mixed with** special **additives** able to maximize its extinguishing power.

Aquatech® is a certified technology, 100% eco-friendly with no need of discharging.

Aquatech® reduces drastically water consumption, environment damages and down-time.

WATER MIST



The power of a water drop

Our Research
& Development
department has been
one of the first in Europe
to study and engineer a
Water mist technology
with its own brand mark:
Aquatech®.

Aquatech® Deluxe The invisible Water mist

Aquatech® Deluxe is a Water mist technology and a solution of interior design at the same time. A unique product in the world, developed by our R&D department to protect places with high aesthetic requirements.

Aquatech® Deluxe has no architectural impact. Invisible, Aquatech® Deluxe is hidden in the ceiling and only appears when a fire occurs. Made with high quality materials, Aquatech® appearing nozzles are the smallest on the international market, provided with accessories customizable in material, color and finishing.







Clean agents: eco-friendly gases

For fires at **high risk** of immediate propagation or located in **confined spaces**, **Clean agents** are an **extremely efficient solution**.

Clean agents are eco-friendly gases which suppress fires by total flooding, interrupting the combustion chain (free radical removal) and lowering the percentage of oxygen in the area.

Our systems use the most common **Clean agents**, as **Novec™ 1230**, **HFC227**, **HFC125**.

We went a step further: we developed our own eco-friendly gas technology.

Nargotech®: natural gases for the environment's sake

Our R&D department studied and tested natural gases aiming at the engineering of a new alternative fire solution with no environmental impact:

Nargotech®.

A certified technology using a mix of Inert gases, composed by 50% Argon and 50% Nitrogen, able to suppress efficiently every class of fire.

Nargotech® has no smell and no color. It is not corrosive, not electrically conductive. Furthermore, thanks to our innovative silent nozzle, the Nargotech® system reduces the risk of loud noise during the gas discharge.



FIRE & GAS

Timely prevention, prompt intervention

Fire & Gas detection systems are the **brain** of every kind of **automatic fire solution**.

With the precious collaboration of the most renowned brands of the sector, in more than 30 years of experience, our electric and electronic division has gained competence and excellency in engineering, integration and installation of sophisticated Fire & Gas detection systems in accordance with national and international regulations.

Our primary goal is to ensure a prompt intervention through a timely prevention, thanks to our detectors: smoke, temperature, multi criterion, flame, toxic gases, explosive gases.

We develop different kind of fire detection systems as collective and addressable fire control panels, toxic and explosive gases detectors.

In order to improve our clients experience, every
Fire & Gas solution can be equipped with supervision
systems able to facilitate PLC, DCS and detection
systems management, thanks to an efficient and
user-friendly graphic interface.



RIVELATORI DI GAS

RIVELATORI DI POLVERE

RIVELATORI DI TEMPERATURA E UMIDITA





SERVICES

When you choose to entrust us a project, we take care of every single step of its development, aiming to create with you a never-ending collaboration.

Our committed and specialized professionals follow each step of the project with passion and care. Our people are capable of answering to every specific need, sharing the goal of optimizing time, costs, processes and resources. Our aim is to deliver a quality product which guarantees efficiency for all its life-cycle and assures to our clients the best performances in terms of productiveness and efficiency.

The complete solutions

Consulting and engineering:

- · Audit and site assessment
- Technological feasibility and cost analysis
- Technical specifications
- Basic engineering
- Systems dimensioning and detailed engineering

Field service & operation:

- Installation, commissioning and start up
- · Supervision at installation, commissioning and start up
- Training

Global service:

- Maintenance
- Spare parts replacement

Revamping and retrofit



