



OUR PRESENCE IS DIRECT AND WIDESPREAD



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Fire protection technologies  
to support you enhancing  
your business productivity

[www.temasistemi.eu](http://www.temasistemi.eu)

# FIRE PROTECTION TECHNOLOGY

Solutions never thought of before

**More than 25 years in  
engineering and manufacturing  
of certified fire fighting  
systems and products**

**A BIG INTERNATIONAL PROJECT**

Our **field experience** and the **desire to offer** combined and **all-inclusive solutions** for **safety & security**, inspired us to **found TEMAGroup**: a **network of companies** that supplies **turnkey global service proposals**.

TEMAGroup members: Tema Sistemi, Tema Safety & Training, Zelig Hi-Tech, Brand Technology, Work Service, Maren, Sabacom.



**Tema Sistemi for  
Oil & Gas and Energy  
applications**







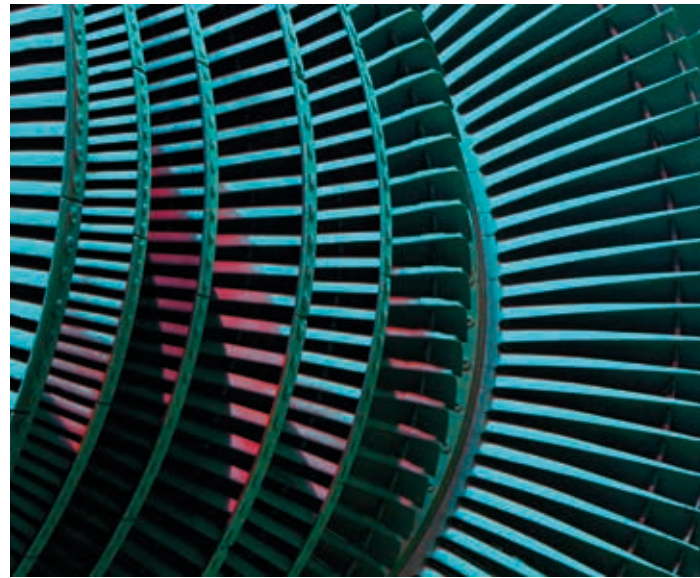
tema sistemi  
FIRE TECHNOLOGY

## TEMA SISTEMI

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**.

Sectors we protect with passion:

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



## APPLICATIONS OF OUR TECHNOLOGIES

Our fire fighting solutions are suitable for a wide range of applications, able to efficiently and immediately extinguish the fire.

Our **products** and **systems** are **engineered** and **manufactured** to **protect all processes** linked to **onshore** and **offshore Oil & Gas** activities (**upstream, midstream** and **downstream**), including renewable **energy industries**.

## More than a fire solution, an investment for your business

**Oil & Gas** and **Energy** activities are **constantly exposed** to the **highest risks**: unexpected leakage of toxic or flammable gases, oil or hydrocarbon spills, danger of explosion. In such conditions, the **propagation of fire** can cause a **true and proper catastrophe**: huge economic and human life losses, a dramatic impact on the environment.

For **more than 25 years** we have been **successfully operating** in these high risk sectors, **helping our clients** to **protect their business** and keeping **workers** and **environment safe** from fire.

Our **innovative** and **integrated solutions** are addressed to **every process** linked to the **Oil & Gas** and **Energy** activities. We **invent, manufacture** and **deliver fire technologies** to respond to each distinct need, **supporting you** to **enhance your business productivity**.

When you choose to **entrust us a project**, we **take care** of every single step of its development, **identifying risk** from the outset and **focusing** on every single **technical detail**, in order to deliver you a **high quality product** which always guarantees the **best performance, exceeding** all **standards** and **regulatory requirements**. By choosing our fire technologies you can **benefit from long lasting** and **cost efficient solutions** which assure you the **shortest operational down time** in case of fire.

**We are proposing you more than an absolute quality fire solution, we are offering you an investment for your business.**



## Research and Development: the heart of our company

Our **Research and Development department**, in strong **cooperation** with **standardization bodies, institutions** and **universities** experiments every day, aiming at minimizing fire risks, develops technologically **advanced fire fighting solutions**.

With more than 25 years of expertise in Oil & Gas and Energy sectors, our specialists engineer, manufacture and test the best technologies on real applications in our certified laboratories and test fields, equipped for live indoor and outdoor simulations.

**Each solution is approved** by the most prestigious national and international certification bodies, aiming at **guaranteeing** the **highest safety standards**.

We strive for excellence, that is why **we have obtained more than 100 certifications worldwide**.

## QUALITY AND RELIABILITY

We operate in full compliance with quality procedures, engineering and manufacturing in accordance with national and international standards, including: **UNI, EN, NFPA, RINAMIL, FM, PED, VDS, BS, BOSEC, CEI-IEC, ATEX, MED, IMO**.

We adopt a quality management system oriented to efficiency through the implementation of **UNI EN ISO 9001** standards.

We implement **UNI EN ISO 14001** environment standards and **OHSAS 18001** standards to protect the health and the safety of our people.

We choose to be inspired by **SA8000** standards to promote sustainable development, firmly opposing to any kind of discrimination, involving local communities where we operate.

## Our fire fighting technologies

We support an eco-friendly policy, developing innovative and unique fire protection solutions.

💧 **Aquatech® & Aquatech® Plus Water Mist**: the power of a water drop. High pressure and Low pressure Water mist system.

☁️ **Wetting Agent - FireFive®**: the micelle encapsulator era. Non-toxic, non-corrosive and biodegradable.

🧴 **Foam**: High, Medium and Low expansion systems and equipment. Fire solutions for high risk areas.

🔥 **Inert gases - Nargotech®**: natural gases for the environment's sake. No environmental impact, not corrosive, not electrically conductive.

☀️ **Clean agents**: eco-friendly gas installations. Immediate suppression of fires.

🔥 **CO<sub>2</sub>**: proven gas installations. Fire suppression with no residues.

💧 **Water**: fire fighting systems and equipment from the "Eco-tradition".

🔥 **Twin agent**: for the most extreme fire.

🔥 **Fire & Gas detection**: timely prevention, prompt intervention. Competence and excellency in engineering, integration and installation of sophisticated Fire & Gas detection systems.

## HOW WE PROTECT THE SECTORS

Loading piers 🧴 ☁️ 💧 🔥

Turbines 💧 ☁️ 🌿 ☀️ 🔄 🔥

Diesel generators 💧 ☁️ 🌿 ☀️ 🔄 🔥

Cable tunnels 💧 ☁️ 🌿 ☀️ 🔄 🔥

Offices 💧 🌿 ☀️ 🔥

Control rooms 🌿 ☀️ 🔥

Electrical substations 🌿 ☀️ 🔄 🔥

Electrical cabinets 🌿 ☀️ 🔄 🔥

Transformers 💧 ☁️ 🔄 🔥

Engine rooms 💧 ☁️ 🌿 ☀️ 🔄 🔥

Hydraulic stations 💧 ☁️ 🔥

Loading platforms ☁️ 🔥

LNG plants 💧 🔥

Oil tanks ☁️ 🔥

Warehouse of semi-finished and finished 💧 ☁️ 🔥

