



FIRE FIGHTING SYSTEMS

FIRE FIGHTING SYSTEMS

SIA®

WHO WE ARE

SIA is an International engineering company, manufacturer, installer and project managing company for fire fighting equipment systems, gas and fire detection.

SIA has a management team with more than 30 years of international experience operating as systems integrators providing its customers

with engineering solutions, supported by a wide range of products and downstream services. Thanks to its experience, **SIA** is aware and competent of the high level of standards of construction, quality, engineering, documentation inspection and test required by the international EPC contractors.

TOTAL PROTECTION:

SIA offers a wide range of products and services ranging from mobile equipment to fixed systems, from engineering and design, to production systems maintenance and revamping to the on-shore and offshore oil and gas activities, petrochemical and energy installations, ports and airport sector.

REGULATION COMPLIANCE:

SIA has a Quality System which is certified and conforms to the requirements of:

- UNI
- ISO
- PED
- ATEX
- MED
- CPD
- UL
- FM
- RiNA
- NFPA
- UNI
- CE
- TUV
- VDS
- SIL
- LLOYD'S REGISTER
- BUREAU VERITAS
- EUROPEAN STANDARDS





MISSION & VISION:

To grow our company to become market leader in the supply of superior quality fire extinguishing systems. Our customer policy is to develop collaboration and technical support employing our own experienced resources and those of our international supply chain partnerships.

SIA covers an area of 4.200 sq.mt. In our factory, the reduction of risks, which may negatively affect the health, and security of our employees and customers is of primary importance to **SIA**.

In our factory, we follow an EHS policy with a risk reduction that is, for **SIA**, a continuous process:

- In relation to the environment
- With our employees
- With our customers
- With our suppliers

Through on-going validations of our technical and production processes.

ELECTRONIC TESTING AREA

- Assembling
- Testing
- 5319 control panel testing area

MANUFACTURING DEPARTMENTS

- Welding Assembling
- Painting Testing
- Machines and equipment

- Production stage Parts & Components
- Spares & Components for customer care service



CUSTOMER SATISFACTION IS OUR MAIN GOAL!



- Covered area 4.200 sq.mt.
- Paid up Capital: € 2.500.000,00
- Presence in more than 95 countries
- Design, realization and assembly of complete systems
- All activities are carried out with the ISO-EN 9001 TUV certified Quality System
- www.sia-italia.com



SIA has established engineering skills with qualified personnel and project manager skills in 30 years with a deep experience in their respective fields of specialization, covering all managerial disciplines and techniques for the protection of various and complex areas that require fire protection

- Oil & Gas Fields**
- Onshore & Offshore**
- Power Plants**
- Civil Construction**
- Petrochemical**
- FPSO – FLNG**

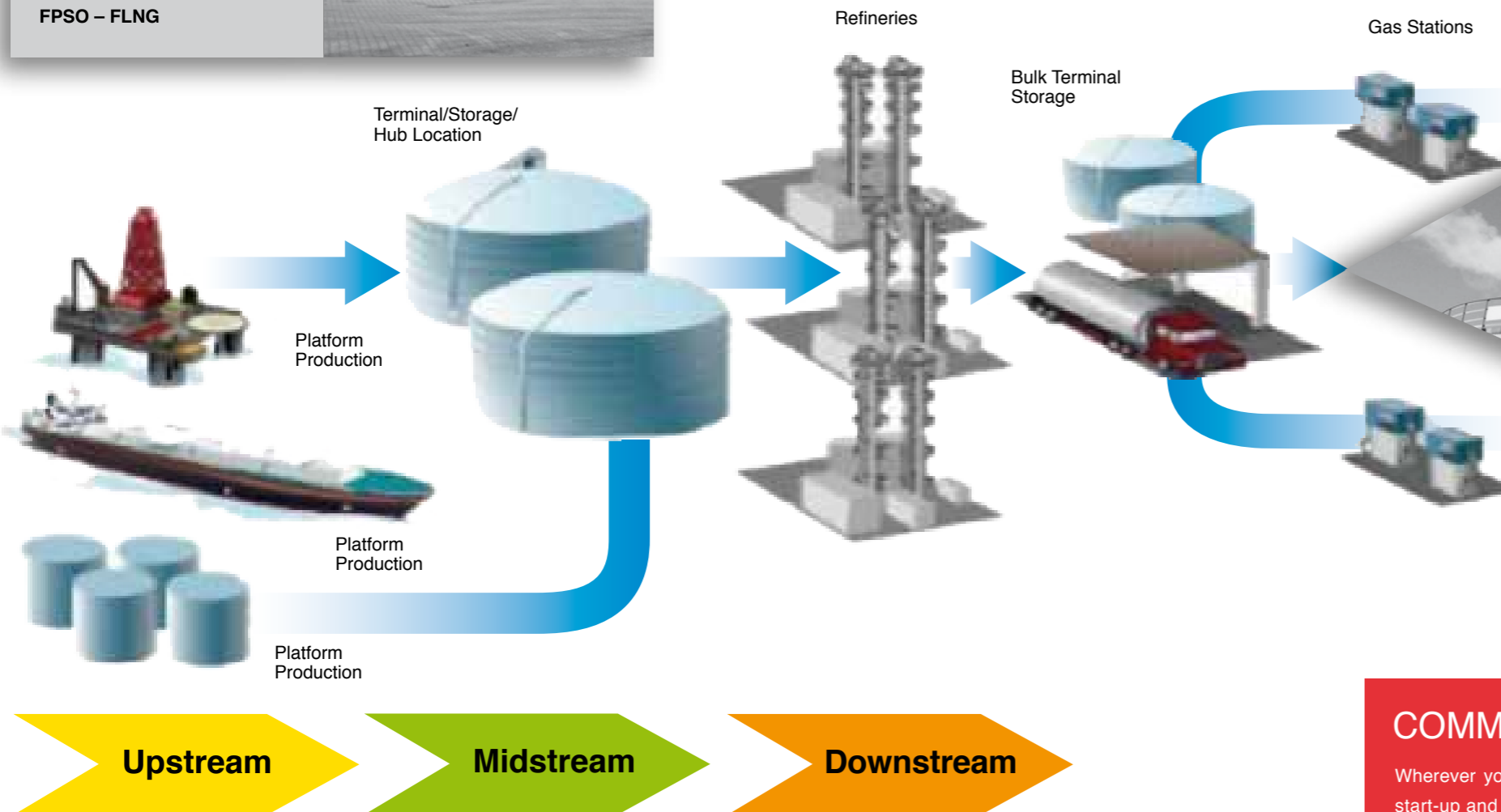


SIA ORGANIZATION:

- Project management
- Engineering and Procurement
- Production and installation
- Testing and Supervision of the construction
- Commissioning and start-up
- Training and after-sales

SIA TAILOR MADE

From engineering to commissioning and start up **SIA** provides turnkey solutions. The needs of customers are our priority that is why our engineering team is skilled to provide fire protection systems with multiple and tailor-made solutions.



PERFORMANCE

Performance according to customer specifications and quality Management of the contracts
 Document planning according to quality criteria
 Revision and approval of basic engineering
 Detailed engineering for the construction of the contract
 Project Management for the supply of efficient systems
 Customer training programs through classroom On-site training
 The project management, engineering, procurement, systems Integration and testing are carried out at **SIA** premises, with the specifications requested by the client, supported by our quality and environmental management system.

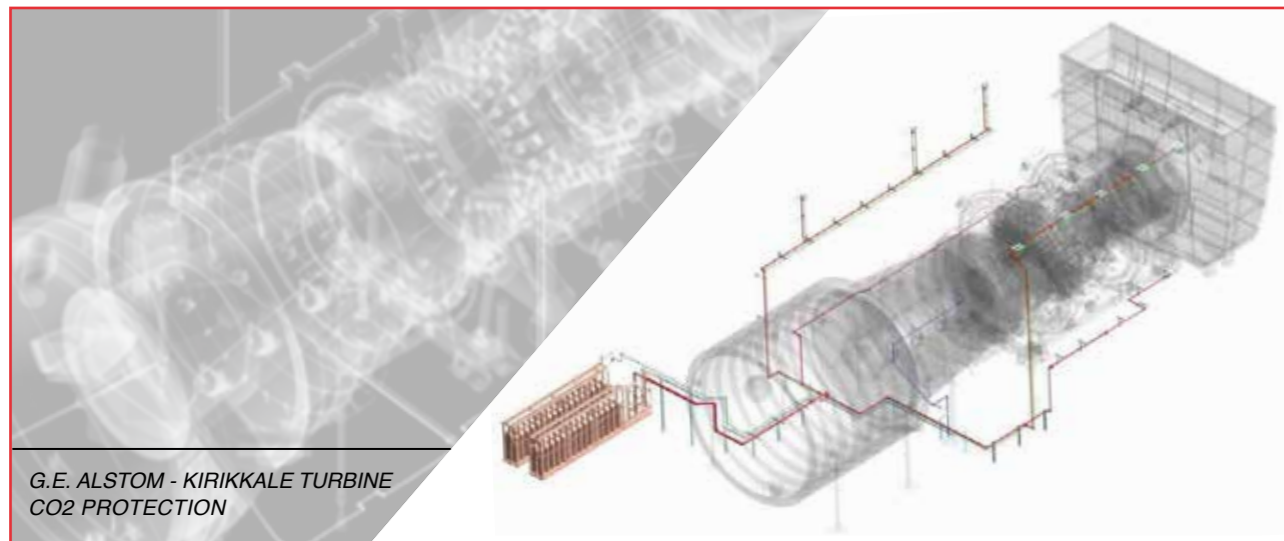
COMMISSIONING & START-UP

Wherever you are, **SIA** highly qualified supervisors and technicians, provide complete support of start-up and commissioning, spare parts, training.



SIA has customers in over 100 countries spread over a wide range of sectors. This include projects where high technology is requested. Special request is our business. We work as Tailor made to follow the customers' needs.

ZOHR PROJECT-ENI-PETROBEL
HELIDECK FOAM PROTECTION



G.E. ALSTOM - KIRIKKALE TURBINE
CO2 PROTECTION



ALGER REFINERY
DETECTION & CLEAN
AGENT SYSTEM

A COMPLETE SOLUTION WITH **SIA 5319** CONTROL PANEL

In industrial Fire & Gas environment, it is important to have a reliable system that keeps operations moving and minimize down time. The **SIA 5319** control and manage detection, notifications and extinguishing functions.



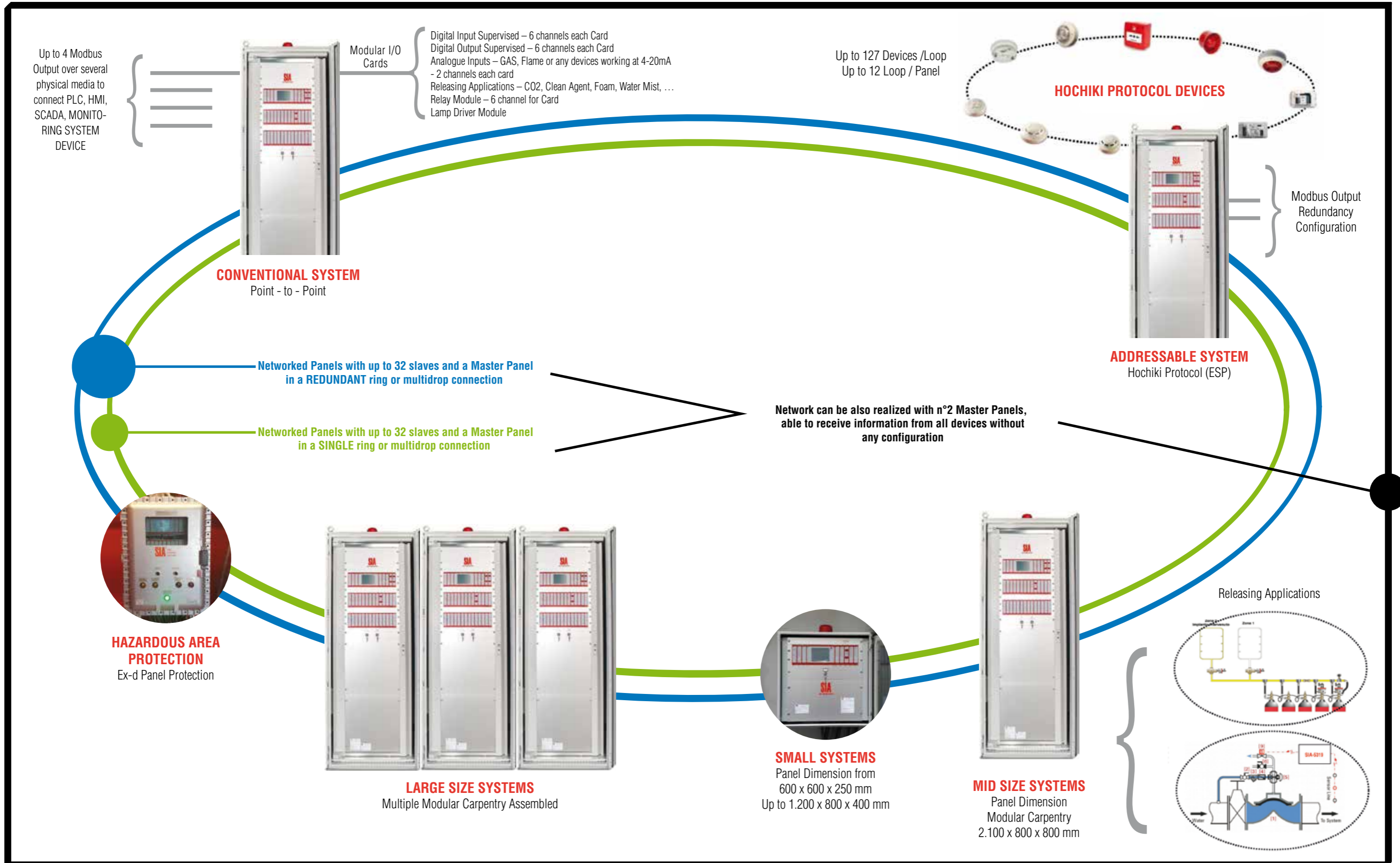
SIA provide a complete solutions to meet the facility's safety and process requirements. Product and system support is available for the up-front design stage and field support is available during the installation, commissioning and maintenance.

KEY FEATURES:

- Fully configurable System, that thanks to its modularity make the system versatile and adjustable for any requirement.
- Microprocessor Technology.
- CPU Redundancy feature available.
- Complete system Redundancy available.
- Power Card Redundant, when more than one is installed.
- 5,7" LCD touch screen operator panel.
- Hot-Backup for all the cards.
- Up to 4 MODBUS outputs (RTU or TCP/IP).
- Certified as per EN54 and EN12094 codes.
- Control by Event programming (CBE).
- Control system hardware self-check.
- Hardware and Software development confirming IEC61508.
- Redundant Communication Bus for card data exchanging.
- Dual Channel Analogue card to manage 4-20 mA sensors.
- Extended diagnostic for internal fault detection and management. +60°C Extended Operating Temperature, certified by notified body.

APPROVALS:

- **EN54-2, EN54-4:** European Standard for Fire Detection and Fire Alarm Systems.
- **EN-12094-1:** European Standard for Fire Fighting systems - Gas Extinguishing Systems.
- **CPR (305/2011/UE):** Construction Products Regulation of UE council.
- **Civil Defense UAE:** Certificate of Compliance (CoC) for UAE, issued by Ministry of Interior.
- **ROP:** Royal Oman Police.





*FLNG / JGC
Deluge system
containerized*



*SCOP IRAQ REFINERY
Foam system*



*TECNIDAS REUNIDAS
REFINERY
Foam and water monitor*



*MOSE VENEZIA
Inert gas system*



*OMV - PETROM
- AMEC FOSTER
WHEELER*



*PETROFAC
Oman Oil
Salalah LPG*



*SIEMENS
PROCURATIE PALACE
Water mist system*



PETRONAS FLNG



*ENI TARANTO
Tank protection
foam system*

- WATER AND FOAM PACKAGE SKID
- FIRE FIGHTING AND SAFETY EQUIPMENT
- PUMP UNITS AND HYDRANTS
- SOLUTION FOR CONTAINER PROTECTION
- INERT GAS
- NOVEC 1230
- FM 200 SYSTEM
- CO2 SYSTEM
- POWDER SYSTEM
- WATER/FOAM SYSTEM
- AUTOMATIC SPRINKLER SYSTEM
- WATER MIST SYSTEMS
- HOSE REEL AND HYDRANT
- FIRE EXTINGUISHERS
- FIRE & GAS DETECTION SYSTEM



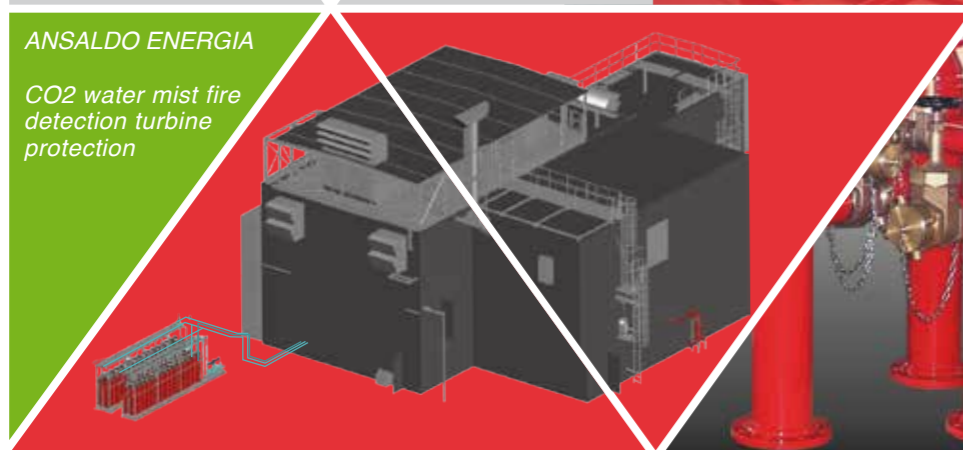
ENI CONGO
OFFSHORE
Pump skid



ZOHR
PROJECT ENI
PETROBEL
HELIDECK
Foam system



TUPRAS REFINERY
Foam skid



ANSALDO ENERGIA
CO2 water mist fire
detection turbine
protection



SIRTE OIL CO. LIBYA
Hydrant SIA model



UTE TR RUP
REFINERY
Foam skid



DAELIM
SOUTH PARS
REFINERY
Deluge
water system
CuNi



SONATRACH / JGC
SATELLITE PROJECT
HASSI MESSAUD
Powder and
detection
system



ADCO
AL DABB'IYA
SURFACE
FACILITIES
Inert gas system



JGC
PETRONAS
FLNG
Deluge system
containerized



KIPIC PROJECT
KUWAIT
Water mist system

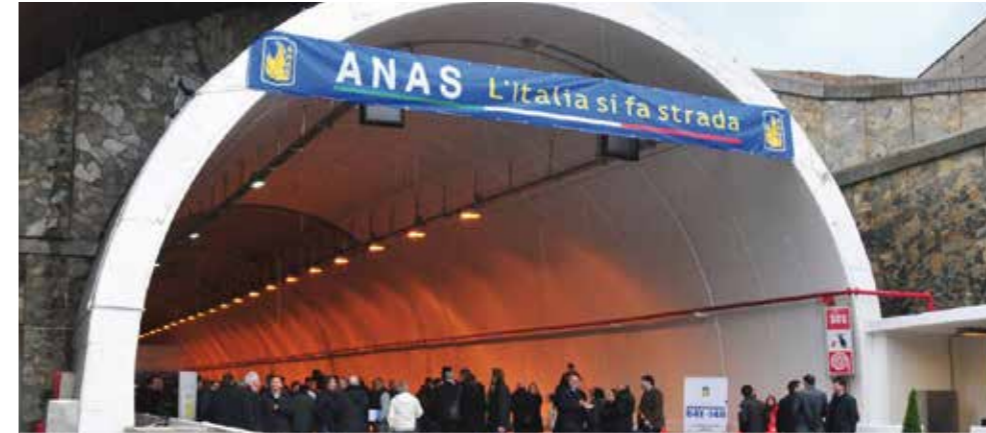
SIA supply fire-fighting foam concentrate, to protect a wide range of risk, as industrial, marine, municipal, oil, petro-chemical and transportation



FIRST AID RIM SEAL SYSTEM



MOBILE FOAM TRAILER



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RAILWAY TUNNEL MURTINEDDU ITALY Fire protection system



DATA CENTER FOUR Novec 1230 fire protection system



DANIELI Low pressure CO2 system



SOLAR TURBINES Cabinet CO2 system for turbine protection



WE
WORK
WITH



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