

Company Presentation



Ravenna - Imola - Torino – Trieste - Johannesburg - London - Maputo - Rotterdam

BRIEFLY

1999

founding date

25

employees (full-time staff)

18

employees' average working life (years)

4

offices in Italy



6
operational areas

20
countries

800+
clients

2500+
projects

3
parent companies



Our commitment

Techno was founded on the commitment to deliver only choice engineering and consulting services to a wide spectrum of industries in order to enable them to operate in the safest and most environmentally friendly way.

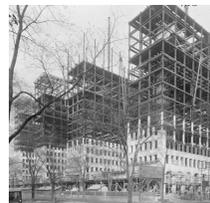
Since then, we have focused on providing only services that mesh gold standard professionalism at convenient rates.



Our history



Techno was established in 1999 by a small cadre with a long-time experience in occupational health and safety. Among the original founders there's a fire engineering specialist who was an officer at the National Fire Fighting Service for 30 years, a lawyer, a QHSE advisor and the former HSE manager of a general contracting company that is one of the biggest operators in the construction of offshore oil & gas rigs, petrochemical plants and shipbuilding in the Mediterranean region.



Our staff

The original six- person staff steadily grew in number and skills to reach our present cadre of 25 specialists that can also tap into the expertise of an additional ten part-time collaborators.

Our technical staff can now rely on the following university graduates:

4 Dipl

2 BSc

26 MSc

4 PhD

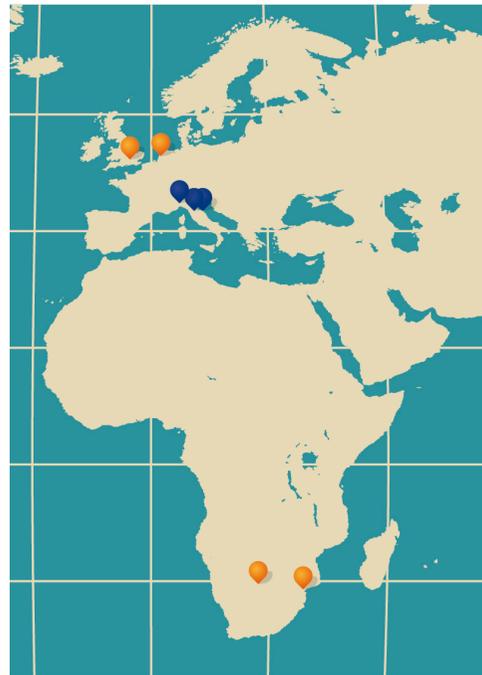
2 MBA



Where we are

Techno has its HQ in Ravenna and branch offices in Imola, (about 50 km from Ravenna), in Turin (in the Northwestern part of Italy) and in Trieste (in the Northeastern part of Italy).

We also have commercial representatives and partners in Johannesburg (RSA), London (UK), Maputo (MZ) and Rotterdam (NL).



Our activities

From the outset in 1999, Techno focused on fire engineering and construction safety, but over the last decades the company has expanded its breadth of services to address a host of other HSE issues. We can trace its growth to the following:

2000 : **occupational health and safety**, is now the main activity of the company with about 10 specialists in biological, chemical and physical risk assessment, workplace ergonomics and VDU, machine safety, noise and vibration, emergency response planning, workplace safety signs, PPE, thermal stress, manual and mechanical lifting and handling, work psychology, occupational medicine, etc.



2001 : **environmental engineering** (now headed by Pietro Rescia) operates from the London branch office and can rely on the support of the parent company Integer as well as the support of several other specialized partners.

2002 : **civil engineering** (headed by Daniele Arasi) is mainly focused on permitting activities and providing assistance to clients in their dealings with the local Authorities; this area is also in charge of structural and seismic safety in addition to construction works (civil, oil&gas, industrial and shipbuilding) and safety management.

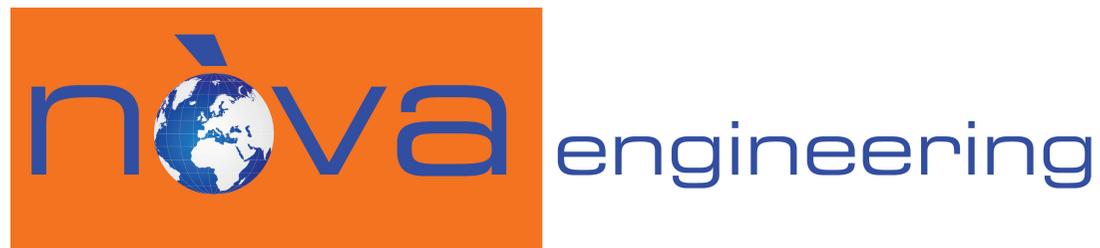


2004 : **radioprotection** (headed by Francesco Pastremoli) covers all aspects of ionizing radiation and NIR safety both in the industrial and health care trades, (the team of 4 operates from the Imola office).

2006 : **forensic engineering** (headed by Roberto Nicolucci) became part of the business following the appointment of some of our staff as advisors to the city's criminal court for major and fatal injury work-related investigations – a service we can also now deliver to industries as an independent advising party.



2010 : **multidisciplinary engineering** ancillary services (among which electrical, HVAC, and energy engineering) are delivered through specialized engineers at Nova Engineering, the parent company headquartered in Ravenna.



www.novaengineering.eu



2013 : **governance, risk and compliance (GRC) management** consulting (regarding non-financial risks) are delivered through both the internal GRC department (headed by Carlo Papale) and the parent company Integer Ltd headquartered in London.

2013 : **legal services** are provided by an internal law specialist as a support to our engineers and as a consultancy service to our clients as well.



Further recent significant steps

2013 : **risk analysis** activities merged with fire engineering and electrical safety (ATEX analysis, etc) in the FERAdpt

2014 : some activities related to chemical risks, such as **chemical risk assessment, transport safety of dangerous goods, toxic gas management** and food safety have been since delivered in partnership with the team of marine chemist officers of the ports of Trieste, Monfalcone and Porto Nogaro, a team headquartered in Trieste.



PETTENATI  TURCHETTO
SERVIZIO CHIMICO DI PORTO E HSE



2014 : an agreement was signed with the Department of Engineering of the University of Ferrara for the development of activities related to the education and the professional training for the industry; under this agreement we benefited from the vast experience from the academic world and at the same time we worked as advisors to the University; some of our staff serve as adjunct professors to the faculty of civil engineering teaching in the course of “decommissioning of civil and industrial sites”.



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DIPARTIMENTO
DI INGEGNERIA



2014 : a further agreement was signed with **R³** and the University of Ferrara for the development of activities related to monitoring, visual inspections and topographic surveys carried out using UAVs.



2015 : a newco - **Integer Ltd** - was established in London; to deliver project management services and advisory to a wide away of industries based worldwide.



www.integereurope.eu

2015 : an agreement was signed with **ARINT** a consultancy firm headquartered in Johannesburg (South Africa) specialized in risk analysis in the mining, nuclear and energy industries.



2015 : **TechnoCyMa Lda** was established in Mozambique for the purpose of being a presence in that market to provide HSE services to the oil&gas industry as well as to infrastructure works; a considerable development of these industries is expected to the middle of 2016.



www.techno-cyma.com



2015 : an agreement was signed with **CIRSA**, the Environmental Research Department of the Faculty of Environmental Science of the University of Bologna (based in Ravenna), for the development of activities of common interest; this is a sort of R&D virtual lab through which we can test new solutions and consultancy services.



CENTRO
INTERDIPARTIMENTALE
PER LA RICERCA
NELLE SCIENZE AMBIENTALI

CIRSA Sede di RAVENNA
Centro Interdipartimentale di Ricerca per le Scienze Ambientali



2015 : an agreement was signed with Malta's **Institute of Health and Safety** for the delivery of training courses relevant to the International General Certificate in Occupational Health and Safety granted by the UK National Examination Body for Occupational Health and Safety (NEBOSH).



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**INSTITUTE
OF HEALTH
& SAFETY[®]**



nebosh



Our expertise

We can deliver consulting, design, engineering, surveying, auditing, and training services in the following 6 main areas of operations:

Occupational Health and Safety

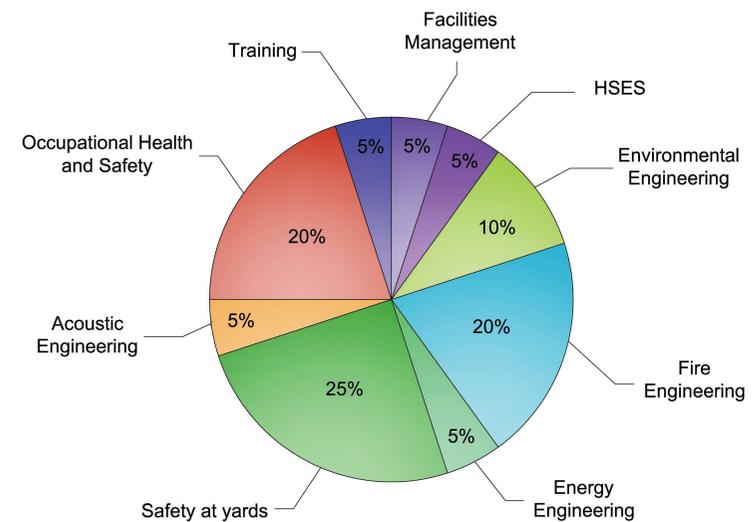
Environmental Engineering

Construction Safety

Radioprotection Services

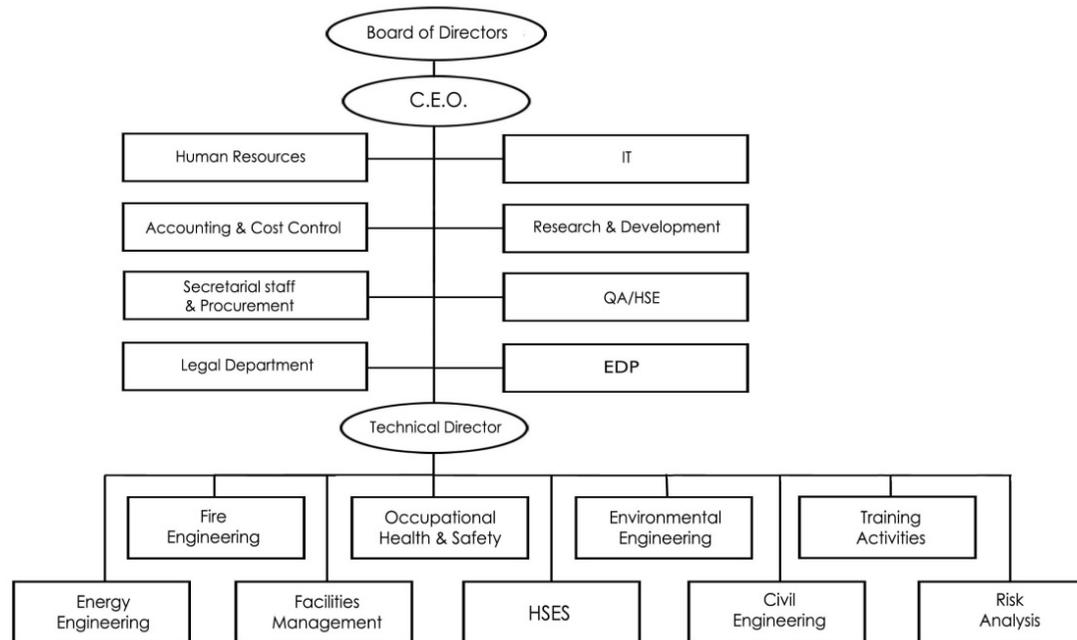
Fire Engineering and Risk Analysis

Governance, Risk and Compliance Management



Our organization

We deliver our services through the following organization:



The industries we serve

Construction and civil works

Mechanical assembly

Manufacturing

Mining activities (onshore and offshore)

Petrochemical and refining

Power generation/Renewable energy

Shipping

Shipyard and harbour commercial terminals

Municipal utilities

Logistics

Agricultural and agro-industrial

Tourism and cultural events

Public health

Sport and recreational structures

Education

Telecommunication



Since the creation of our company, we have provided services to clients in the most demanding markets. This has proven to be a powerful testing ground for a myriad of engineering and consulting solutions.

One of our strengths has always been our capability to easily transfer experience from one industry to another.



Our footprint

Till now we have operated by assisting our clients in some 20 countries in Europe, Asia, South America and Africa.



Our clients

Since 1999 we have served more than 800 clients that include small, medium and large companies with worldwide operations.



ALMA MATER STUDIORUM
UNIVERSITA DI BOLOGNA



Rolls-Royce



Ecofuel





Our Academy

Ever since we began operating in this sector, we have been frequently asked to offer our know-how and expertise by providing training. This is because our staff members have had much experience in high risk industries (mainly in the oil&gas, shipbuilding, civil infrastructure construction and petrochemical industries).

The reorganization of training activities and a further agreement with the University of Ferrara led to the establishment of the Techno HSE Academy; more than 70 training modules can now be delivered.



Ancillary

Since 2003 we have published the quarterly on-line **HS+E Magazine** thanks to the continued support of our clients and partners.

HS+E
MAGAZINE



www.hse-mag.com



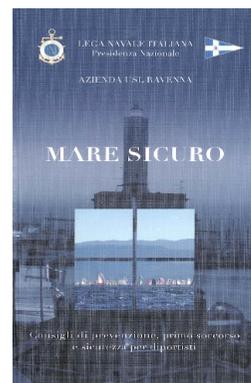
Thanks to a long time cooperation with the Occupational Health and Safety Public Department, the Engineering Faculty of the University of Ferrara and with some Italian and international publishers, we have also written and published four books related to HS issues since 2003.

2003 : Safety and Rescue Technique for Harbours and Shallow Waters Activities

2005 : Safety Manual for Recreational Boating

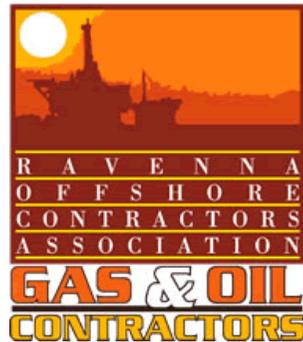
2013 : Health and Safety in Confined Spaces

2016 : Safety in the Welding and Oxy-gas Activities



Industrial and Institutional Relations

Techno is a full member of the Ravenna Offshore Contractor Association (ROCA) and the company's CEO has been a member of the board of directors of the association since 2006; through ROCA the company is regularly present at some of the worldwide main exhibitions in the oil&gas industry such as OMC in Ravenna, OE in Aberdeen (UK), ONS in Stavanger (Norway), MOC in Alexandria (Egypt), ADIPEC in Abu Dhabi and OTC in Houston (USA).



CONFINDUSTRIA RAVENNA

Techno is also a member of the local branch of the Italian Industrial Trade Association.



The company's CEO is also a member of the board of directors of Fondazione Flaminia, the institution in charge of the promotion and the development of the university campus in Ravenna; he also serves as unofficial advisor to and liason between the local industries and university and various foreign universities for the development of a brand new MSc course in offshore engineering.



Natural Inclination for Networking

Thanks to our senior staff's experience in multidisciplinary project management, which taps into the insight and versatility of many team members, we have a natural inclination for networking and complex projects.

It is not unusual for us to be appointed as the general engineering contractor in civil as well as industrial construction works.



These are some of our regular operational partners:



**structural and architectural
design; seismic engineering**



environmental engineering



**water environment
modelization**





hydraulic and water
resource engineering



remote UAV surveys and
monitoring



fall protection general
contractor





shipbroker and marine consultant



naval and civil architectural design



HVAC, electrical and energy engineering;
topographic surveying



soil and water remediation engineering





Wutivi
Consultores

sanitary engineering and
healthcare facilities design



risk analysis



architecture, city planning,
landscape design





city planning and landscape
regeneration

and our longstanding academic partners



University of Bologna



University of Ferrara



In 2016 we have founded **ReWorx** an international network of highly experienced professionals committed to deliver a wide array of advisory services to the decommissioning, remediation, adaptive-reuse and urban/land regeneration market.

ReWorx.

www.re-worx.net



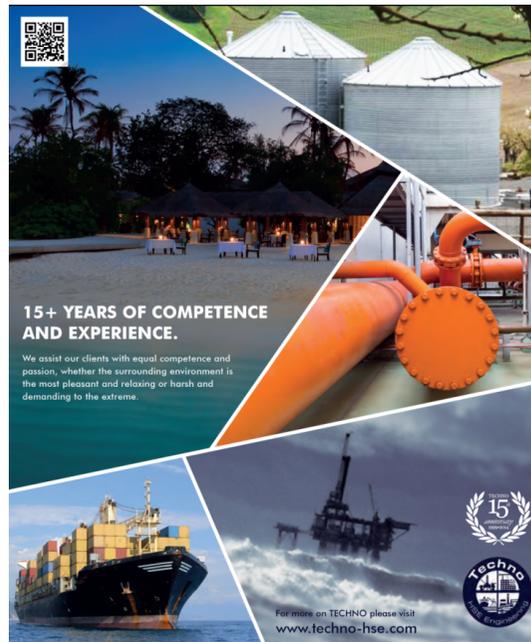
Commitment to Quality

In order to accompany our growth over the years, to improve our performances and to aim for the highest level of client satisfaction, we have implemented an integrated internal management system in compliance with quality requirement ISO 9001:2008 standard and health and safety requirement OHSAS 18001:2007.

We are also committed to complying with any other additional internationally recognized standard related to our work.



Thank you for your attention



www.techno-hse.com

