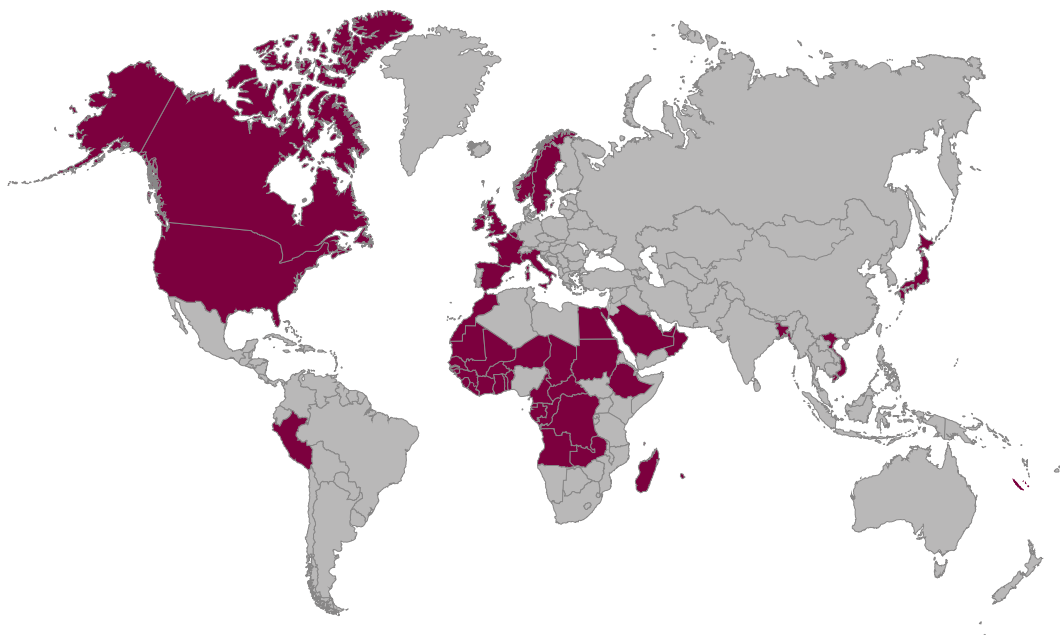


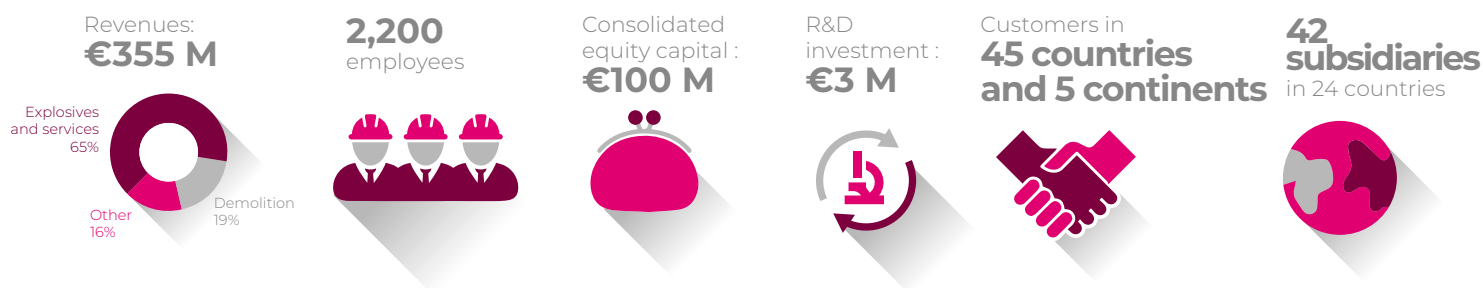
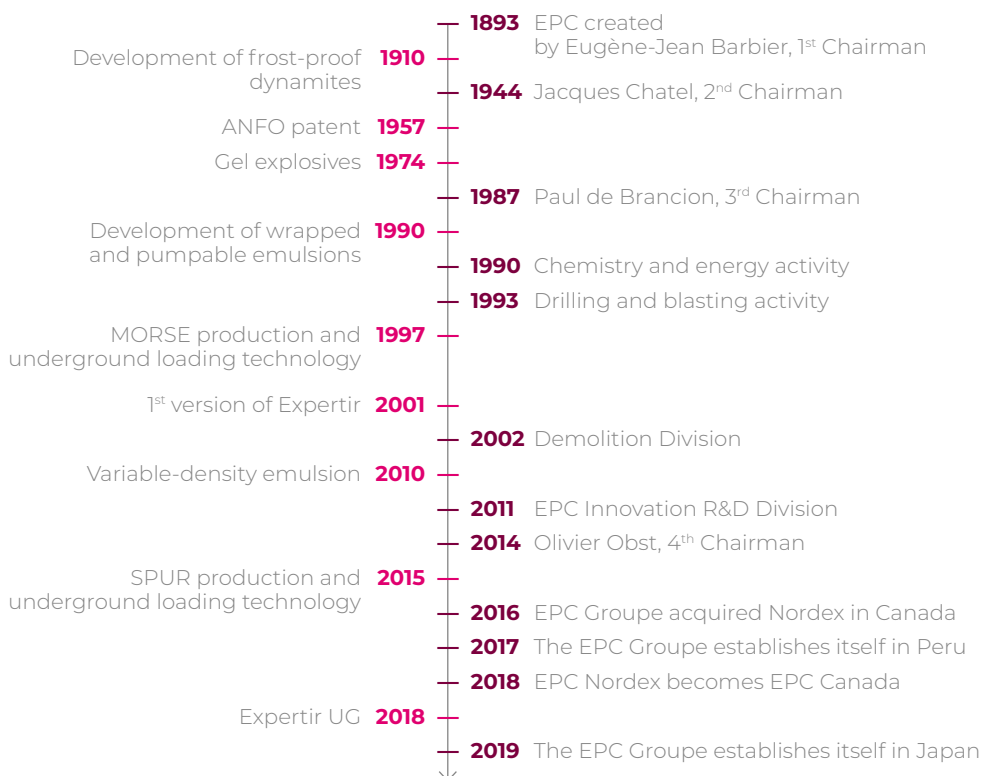


EPC
GROUPE





Serving our customers for over 125 years



Over 125 years at the service of our clients. This is the proof of an admirable consistency in the quality of our products and services. It also demonstrates that the group has evolved in a world more globalised and dynamic. There is no sustainability without evolution and adaptation. From a dynamite production and commercialisation company at the end of the 19th century, the EPC company has become a worldwide group, providing its clients on all 5 continents with high-performance products and services adapted to their needs, both diverse and complex. The EPC Groupe is a pioneer in both products and services. The integration of drilling & blasting, a high-end know-how in the field of blast engineering and special works, a permanent investment in the research and the development of products and tools more adapted to the needs of the market, the ability to provide relevant logistic solutions are all assets enabling us to offer our clients not only products, but solutions, aiming to improve their own performances.



Throughout the years and synergies, the group has also diversified, becoming a major player in the professions of demolition and recycling, as well as additives or specialised logistics. The added value that it brings to its clients is the outcome, of course, of its experience and know-how. As a unique richness, it especially emanates from the quality, diversity and complementarity of its people. These women and men are at the heart of our history since more than a century. Their dedication and their attachment to our values of safety and respect shape the group's identity, making EPC what it is today, and will be tomorrow.

Olivier Obst
Chairman and Managing Director










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Safety



A SHARED MINDSET

Within EPC Groupe, safety takes the form of a collective commitment founded on the behaviours of each and everyone one.

We encourage all our employees to follow a good safety culture both professionally and privately. Combined with corrective and preventive measures, this proactive behaviour protects the men and women who have been responsible for our success for over 125 years. This safety culture is crystallised by the Esprit d'Équipe programme, whose "Ambassadors" educate the teams on the ground on the zero-accident objective. We are also members of Safex, the international association bringing together explosives manufacturers committed to improving safety. The EPC Groupe aspires to have Safety as part of the individual and the community's standard behaviour.

ABSOLUTE PRIORITY

The excavation of two galleries and an inclined shaft in the Sarrans dam, 20 metres from an operational hydroelectric plant, led EPC Groupe to implement specific rules due to the complexity of the site. The procedure involved managing the co-activity of the high/low work phases so as to stay on schedule, while ensuring the operators were never in a situation of danger. Result: a 100% incident-free project awarded a score of 9.5 out of 10 by the customer!

"EPC France's management of safety and deadlines in a difficult environment was exemplary."

Renaud Courtet, Head of Civil Engineering Business, EDF-CIH Technical Division

78 %
reduction
in accident
frequency rate



65
EPC Groupe Esprit
d'Équipe Ambassador
employees





EPC
GROUPE





Social responsibility



ONE COMMITMENT, SEVERAL ACTIONS

Respect of individuals, respect of the environment, respect of institutions: a broad vision of social responsibility for more than a century.

From its creation, EPC Groupe has placed respect at the heart of its actions and its development strategy. With a presence on all five continents, the company continues to grow in harmony with local communities and seeks to protect and conserve nature. This vision is shared by all our subsidiaries and takes the form of actions in the field which frequently go beyond normal regulatory expectations. The same is true for ethics and transparency.

SHARED PROGRESS

When EPC Côte d'Ivoire constructed a new factory near Yamoussoukro, jobs were created for the local population. But, as everywhere else, the group's social commitment has gone much further. Our commitment was illustrated in providing land, providing technical and material support for the village's farming activities, and even building a school and housing. All of which resulted in a clear improvement in the quality of life of the inhabitants. **"EPC's arrival was a great relief for us as it offered the population a better quality of life."** N'Guessan N'Da Kouakou Léonard, Chief of Oko village, Ivory Coast

900 ha

of land made available to local populations



+ 100 years

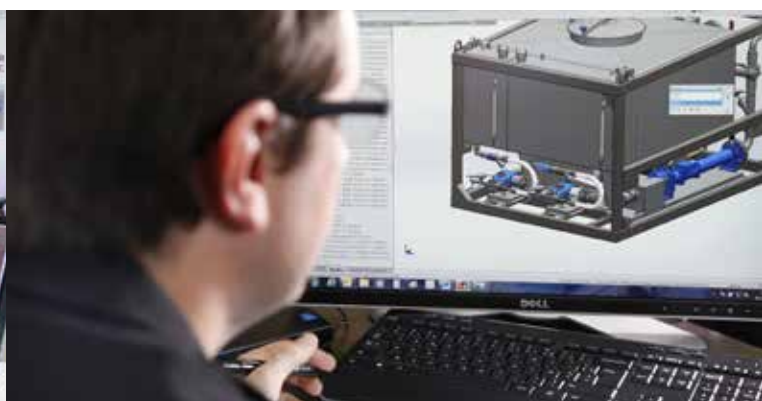
of actions dedicated to the environment for EPC France and EPC-UK







Innovation



PROBLEM SOLVING IS IN OUR DNA

Technological progress: lever of strategic development and guarantee of customer satisfaction

With the development of frost-proof dynamites in 1910, filing of 1st ANFO patent in 1957, innovation has always been present in the activities of EPC Groupe. This prompted the creation of the EPC Innovation Division in 2011. Permanently seeking safety, performance and quality this Division is led by engineers and technicians connected to the realities on the ground. All the technologies developed in-house have something in common: they provide a concrete solution to a real need, whether products, equipment or even expert software, EPC Groupe continues to provide cutting edge solutions.

TAILORED TECHNOLOGIES

EPC Groupe has developed an innovative automatic loading system for upward blast holes (30 m) for an underground gold mine in Sweden. The solution consists of an intelligent retraction of the canula coupled with a special formulation of the emulsion (density and viscosity). In this same mine, for the open pit exploited part, studies are being conducted for the control of the transport of minerals during the blasts, based on the use of electric detonators coupled with the optimisation of movement lines. The objective is to implement an optimized conception for each blast in order to reduce the dilution.

"The experienced personnel on the ground worked proactively, meaning problems could be solved before they even became problems! "

Bo Österstrand, Underground Superintendent at the Björkdal mine

95 % of tunnels excavated with explosives in France over 10 years using the MORSE and SPUR technologies



€3 M/year

invested in Research and Development





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Production of explosives



THAT MAKES THE DIFFERENCE

Explosives production, an historic activity of EPC Groupe, remains central to our development.

As a pioneer in explosives technology, EPC Groupe has used this know-how to develop a range of innovative products covering the entirety of the needs of the extractive and public works industries. And all the while working closely with customers thanks to our exclusive modular plant concept. Forerunners in the development and implementation of mobile production and bulk loading technologies, MORSE and SPUR are used on the surface as well as underground. Its innovative formulations, productivity, reliability and safety, ensuring EPC Groupe position as a major player in all its markets: the only civil producer in Saudi Arabia, the best positioned distributor in Western Africa, etc.

TOTAL TRACEABILITY

From the taking effect of the Track & Trace directives, any European civil explosives manufacturer must have a unique identification system for each product. The integrated solution within EPC Groupe encompasses the entire logistics loop, from leaving the production chain to delivery to the site, including return flows. The system includes a secure portal where each customer receives precise reporting on its orders.

"We have moved from traceability by batch to unitary traceability. The project has harmonised and optimised all our logistics processes." Frédéric Wszolek, Head of Information Systems, EPC Groupe

120,000^t
produced,
sold in 45 countries



50%
of the group's
activity







Drilling and blasting



DELIVERING ADDED VALUE

With our renowned expertise, drilling and blasting constitutes a key link in the extractive industry value chain.

Face profiling, design of blast plans, explosives loading, blasting service to the cubic metre, vibration measurement, the drilling and blasting activity within EPC Groupe has developed considerably over the last 25 years. The activity uses a process tailored to the safety requirements and the objectives of each site. Developed for miners by miners, the EXPERTIR 3D software is a perfect illustration of the technologies offered by EPC Groupe. Capable of modelling all geometric and topographic data, it ensures each blast is perfectly optimised in terms of both performance and nuisance control.

PERFORMANCE AND CONFIDENCE

EPC Groupe carries out drilling and blasting for the Compagnie des Bauxites de Guinée (CBG), the world's fifth largest bauxite mine. Thanks to the optimisation of the solutions provided, the blasting volume has increased by 48% with reduced intervention times. This resulted in the client signing a new 7 years' contract, increasing the collaboration of the service of performance of CBG and the EPC Groupe to 22 years. This bears testament to the confidence placed in us and the efficiency of our technologies on the major mining sites of the world.

"In Africa, even more so than anywhere else, success is a story of women and men!"

Jean-Jacques Koua, Director Africa, EPC Groupe

25 countries

with drilling and
blasting activities
for EPC Groupe



125 million of m³

blasted per year

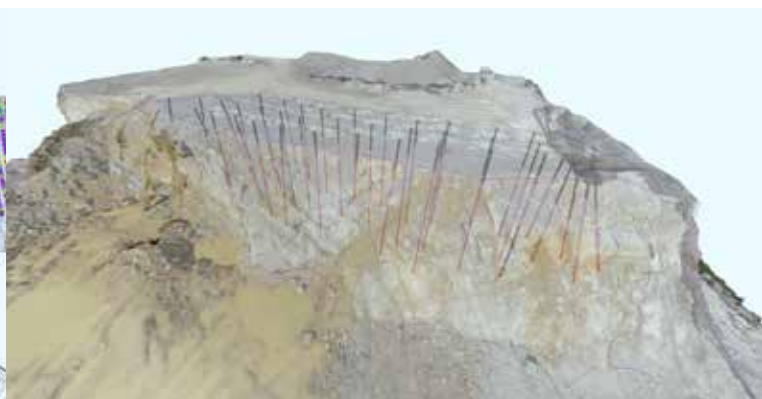
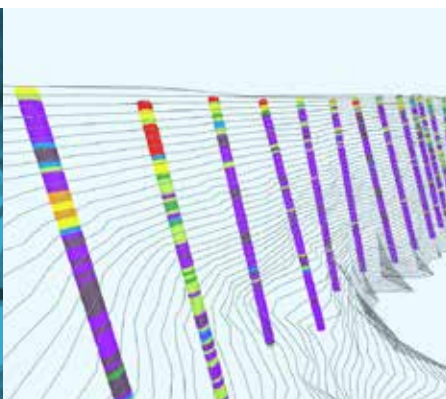




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Integrated solution



COMPLEXITY REQUIRES PERFORMANCE

Based on a commitment to results, the aim of this approach is to simultaneously meet the expectations of the most complex projects in the extractive and public works industries.

Optimised industrial production and application of explosives, development of blast control and blast nuisance technologies, logistics solutions, special works in urban environments and tunnels etc. EPC Groupe has developed a solid base of complementary business expertise over the years. All these activities allow for a global approach to our customers' most ambitious projects. In France and abroad, EPC Groupe is capable of handling all safety, productivity and scheduling challenges. This spectrum of know-how, a component of our identity, gives full legitimacy to our Training Division, which is well known across all our markets.

DIGITAL QUARRY

As everything on an operating site is connected and the drilling and blasting is key to performance of the extraction process, EPC has developed the concept of the Digital Quarry.

The contribution of the drones and the big data revolution allow our new EXPERTIR® 3D software to design each blast with an unrivalled accuracy. And thanks to the integration of downstream data, we are able to offer our customers a unique optimization tool to facilitate the decision making process.

"This fully integrated approach, based on continuous improvement, demonstrates our innovation capability in bringing solutions to our customers, impacting the whole of their value chain."

Pascal Lacourie, Director Asia-Pacific, EPC Groupe

**More
than 15**

professions can be mobilised
on a single project



2,500
professionals
trained each year



EPC
GROUPE



EPC
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Demolition



COMPETENCE IS KEY

Demonstrating a unique way of merging technical and human resources skills to ensure each demolition is a competent project.

Created in 2002, the EPC Demolition Division consists of five subsidiaries: ATD, OCCAMAT, OCCAMIANTE, PRODEMO and 2B RECYCLAGE. It offers a wealth and range of high-tech resources unique on the market: industrial dismantling, building demolition, waste management, decontamination work, asbestos and lead removal etc. Tertiary, industry, petrochemicals etc. EPC Demolition is involved in projects of all types throughout France. The safety of the processes, the technical sophistication and the respect of the stakeholders and the environment are central to the deployment of highly specialised human resources and a vast fleet of machines.

PROVEN TECHNIQUES

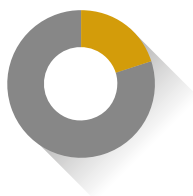
Vehicle manufacturer Peugeot used EPC Demolition in the modernisation of its Aulnay-sous-Bois plant. All subsidiaries of the Demolition Division worked for eleven months on this 137,000 m² site of buildings spread over 37 hectares. No fewer than 300 tonnes of asbestos-containing waste, from some fifteen different materials, were recycled. Added to this were 14,000 tonnes of scrap metal and 300,000 tonnes of concrete.

"The demolition division of EPC Groupe thus shows its capacity to intervene on a large scale work, mobilizing, during peak periods, more than 80 contributors."

Olivier Ryckebush, General director
OCCAMAT, EPC Groupe

20%

of the Group's
revenues



500

contributors of which
more than thirty engineers
supported by some forty site
managers



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Additives



EXPLOITING THE KNOWLEDGE OF OUR PROFESSION

Linked intrinsically to our know-how of the chemistry of nitrated products, the manufacture of chemical products holds an historic place in the activities of EPC Groupe. Our know-how makes us one of the world leader on the additives' market.

For more than a century, EPC Groupe has amassed a wealth of experience in explosives and the associated chemical products. Produced from this know-how, the diesel additive 2-ethylhexyl nitrate (2EHN) is contributing to significantly reducing vehicle pollution across the world. Unburned hydrocarbon emissions are reduced by 50% and emissions of particulates and black smoke are reduced respectively by nearly 70 and 90%! And this is only one part of the equation. Thanks to the versatility of its production facilities, EPC Groupe offers its customers the safest conditions in which to prepare special chemical products whose high-quality formulations satisfy the most demanding markets, including those of the pharmaceutical industry.

STRATEGIC POSITIONING

Subject to the regulation on the control of major accident hazards (COMAH), our Alfreton and Great Oakley sites in England develop chemical product compounds and mixes in accordance with extremely stringent constraints. Cutting-edge equipment, quality management systems, technical support, storage, dedicated port facility etc. All this contributes to our ability to meet requirements, and has gained EPC Groupe the trust of customers located as far as several thousands of kilometres away.

" EPC Additives operates a unique process for the production of 2EHN. In addition, our focus on Supply Chain and Engineering excellence sets us apart as reliable manufacturers of a quality product."

Nick Daniels, Product Manager, EPC-UK

10%
of the
Group's
activity



35,000^t
of diesel additives
produced each year





EPC
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Special works



UNIQUE SOLUTIONS TO SPECIAL CHALLENGES

Our multidisciplinary experience acquired beyond explosives makes EPC Groupe the obvious choice for the execution of particularly delicate projects.

Adrenaline also needs to be managed to exploit its full potential! The EPC Groupe Special Works teams are well aware of this. Whether working in urban environments, subject to major environmental constraints, difficult access sites, several tens of metres below or above the ground, each challenge bears witness to the extent of their know-how. Our specialists in microblasting, underpinning, strengthening and difficult-access works have been working for more than twenty years in the public works and tunnels sectors, whether the situation requires the use of explosives or not. The complementary nature of the business areas of EPC Groupe makes it a major player in special works. And one of the European leaders in this discipline.

ROPE-ACCESS WORKS

Microblasting, public works blasting, difficult-access and strengthening works: four areas of expertise were required for the La Coche hydroelectric development works in Savoie. The height of the cliff to excavate (more than 50m), the proximity of the operational EDF plant (around 10m), the highly restrictive space and deadlines, the zero-projection objective etc. None of these constraints prevented EPC Groupe from achieving the levels of quality expected by the customer. **"The exceptional environmental constraints required special attention as to the choice of the working methods. A challenge met with the know-how and versatility of our teams."**

Philippe Cappello, Director of Major Projects, EPC Groupe

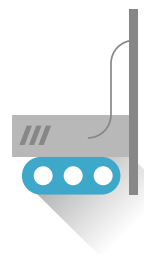
55

specialised rope access technicians at EPC France



20

drilling machines dedicated to special works





EPC
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Logistics



A SERVICE THAT HAS NO BOUNDARIES

Explosives production has naturally led EPC Groupe to implement ad hoc logistics solutions. The efficiency of a product begins from the time of its dispatch.

Over the years, EPC Groupe has acquired experience in the organisation of complex and tailored hazardous material logistics operations. Well versed in the various international regulations, EPC Groupe Supply chain team ensures the multimodal transport of all types of Class 1 and 5 products across the world. Our subsidiary notably has its own port, with a dock which is central to the supply chains serving all Europe. Our customers also benefit from ultra-secure warehouses for the free or bonded storage of their products. The EPC Groupe has traceability technology based on core business expertise, with already more than 60 million events tracked for Europe.

INTERNATIONAL SOLUTIONS

EPC Groupe developed a tailored solution for Chemring Defense UK. Using its unique logistics infrastructures, this service removed the risk of the docking of the customer's vessel being refused because of the potential risk associated with the transported products. The GROUPEX solution (Groupement d'Explosifs – Explosives Grouping) completed the system, allowing for the combined loading of Class 1 products with authorised compatible products. A comprehensive, economic and reliable solution.

“Working alongside Chemring for more than five years, EPC Groupe has become a trusted and competitive partner as well as an excellent provider.” Jamie Munton, Chemring Defence UK

99 t NEQ

on private certified dock



85

operating depots around the world



www.epc-groupe.com