



**AT THE HEART
OF ENGINEERING
SINCE 1994**





Our well-established
reputation in the industry
is our greatest asset!

Gilles Glad
CEO



THE SEIMAF GROUP

A world of expertise and passion

P. 4



TRANSPORT

Let's drive innovation!

P. 6



ENVIRONMENT

Let's imagine tomorrow's world together

P. 8



ENERGY

A wide array of solutions

P. 10



INDUSTRY

Serial results

P. 12

25 YEARS' EXPERIENCE, FULL SUPPORT

ENGINEERING DESIGN AND CONSULTANCY FIRM

The Group supports its industrial clients (Aerospace, Agri-food, Automotive, Energy, Naval, Nuclear, Steel, Thermal Power, etc.) in their productivity improvement processes, and has been a leading figure in running their projects, from process to details, and from preliminary outline to installation, since 1994.

Industry: our vocation

Our calling, to work with industrialists to help them optimise their performance and their responsiveness, dates from 1994. For the last five decades, a major industrial watershed has been compelling manufacturers to refocus on their trade, to improve competitiveness and flexibility. This leads them to turn to external consultancies capable of helping them improve their techniques, processes, and costs, whilst also optimising market constraints in terms of flexibility, competitiveness, and, above all, perpetuating their skills.

The SEIMAF Group is an engineering design and consultancy firm born of these considerations. To maximise interaction with its clients, **its financial model is based on a global, "à la carte" operating model.**

Engineering: our core business

Thanks to its extensive expertise in the sector, SEIMAF can offer a complete range of services based on all of its design office's trades, essentially in the fields of mechanical design and general installation:



- Pre-project plans (simplified, detailed)
- Feasibility studies, layouts
- Simultaneous Engineering (SE)
- Support for process design
- Studies during the implementation phase
- Detailed design (manufacture, implementation, installation)

Our trade is our passion

The SEIMAF Group, a recognised name across all engineering sectors, has over 150 employees working on six sites.

With our high level of expertise and our advanced engineering and project management capability, we can bring our skills to bear on the most complex projects.

Developing designs is the passion that motivates every member of our team. The experience gained and the clients we have worked with over the last two decades have enabled us to keep pushing back boundaries. They drive our constant quest for excellence, with client satisfaction as the ultimate reward.



"The trust our clients place in us is the result of hard work by our employees over more than two decades."

Gilles Glad, Founder of SEIMAF

Our story...

SEIMAF, founded in 1994, has gained a reputation for professionalism, the quality of its services, and its teams' determination always to provide excellent service to its clients.

To keep improving its response to client needs, SEIMAF opened new branches:

1994

LE PLESSIS-ROBINSON BRANCH

2004

BUCHAREST BRANCH

2012

NOISY-LE-GRAND BRANCH

2017

SAINT-HERBLAIN BRANCH

2018

BRISTOL BRANCH (UK)
CHERBOURG BRANCH

TRANSPORT

LET'S DRIVE INNOVATION!

With over twenty years of solid expertise in the sector, SEIMAF offers a full range of services based on all of the design office's trades, to reinvent the field of transportation, and to respond to new developments in the sector that demand greater flexibility and responsiveness from industries.

Better performance and reduced environmental impact

The transport sector is subject to strong competitive pressure (the trend towards liberalisation in Europe) and the effect of sustainable development considerations, since vehicles are often seen as the main contributors to climate change.

That is why it is essential to support operators through their internal transformations and to take advantage of the many opportunities on offer in this sector, which is constantly evolving towards new models.

In our team members' own words



Jean Michel Van-de-Kerchove
Design Manager – TRANSPORT Activity

"I have been managing pre-projects, studies, design and development of production lines for the Transport activity.

Starting from customer specifications, I participate actively in the development of new technologies.

I lead all the designers and develop concepts (design, functions, partial structures, assembly sequences, etc.). That is how I spend my very intense days."

LET'S GUIDE YOUR SUCCESS TOGETHER!



Automotive

To respond to the new issues in the automotive industry, SEIMAF supports your shift into high gear and guarantees that you will achieve flexible and high-performance production processes.

Our teams are involved in the pre-project phases and your mechanical, robotic, and design processes, right up to drafting.

Our expertise:

- ✦ Processes
- ✦ Feasibility studies
- ✦ Robotic computation and simulation
- ✦ Automatic and manual line designs
- ✦ Tooling, inspection and assembly engineering designs
- ✦ Handling, conveying, and lifting designs
- ✦ Set-up
- ✦ Digitisation
- ✦ Calculations
- ✦ Cycle diagrams
- ✦ Manufacturing file



Railway sector

A one-way ticket to success is what SEIMAF offers you, thanks to our dedicated tool design and integration teams: Lifting table, handling trolley, lifting equipment, etc.

We have several design offices, to provide the best possible response to the details of your specifications.

Our expertise:

- ✦ Special machines
- ✦ Handling
- ✦ Conveying
- ✦ Lifting
- ✦ Elevators
- ✦ Tooling, inspection, assembly



Aerospace

We can respond to your most demanding requirements thanks to the quality of our service. From consultancy to design, we provide comprehensive support.

Our qualified team masters every aspect of the sector: consultancy unit, technical unit, project supervision.

Our expertise:

- ✦ Processes
- ✦ Feasibility studies
- ✦ Studies and design of special machines
- ✦ Tooling designs for inspection, assembly, disassembly, handling adjustment, conveying, lifting
- ✦ Manufacturing file
- ✦ Operating, assembly, and maintenance documents
- ✦ Overview diagrams, ergonomics
- ✦ Digitisation
- ✦ Set-up
- ✦ Mechanical calculations, finite elements



Naval sector

Designing different cruise ships, combat vessels, commercial ships, nuclear submarines, etc. is one of SEIMAF's fields of expertise.

Our Cherbourg branch specialises in the naval business: a team of engineers, project managers, and designers will satisfy your everyday requirements.

Our expertise:

- ✦ On-site surveys
- ✦ Digitisation
- ✦ CAD updates
- ✦ Ergonomic studies
- ✦ Design of structures, hull
- ✦ Test bench designs
- ✦ Layout of accommodation
- ✦ Calculations
- ✦ Manufacturing file
- ✦ Operating, assembly, and maintenance documents
- ✦ Overview diagrams, ergonomics



ENVIRONMENT

LET'S IMAGINE TOMORROW'S WORLD TOGETHER

Our expertise is based on our human capital and our CAD facilities. Over the last 25 years, SEIMAF has acquired solid experience through its involvement in many projects concerning issues related to the treatment of water, air, and fumes.

Our teams can provide the support you need in accordance with your technical and financial requirements.

A profound transition of the trades and the sector

Today's stakeholders are obliged to comply with many environmental standards. These are necessary for the sake of human welfare, but they are still additional constraints for which solutions must be found.

These new challenges must now be incorporated into an environmental conservation approach: preserving biodiversity, designing sites differently, reducing environmental impact, etc.

The aim is to adapt existing infrastructure to the new challenges of the 21st century. This adaptation requires constant monitoring of new systems, and processes optimised to satisfy both environmental and efficiency requirements.

In our team members' own words



Salem Jerbi
Project Manager – SEIMAF Ingénierie

"I have been a project management engineer for five years now."

"Thanks to the variety of projects I have worked on in different industrial sectors and the technical challenges to be overcome, I have enjoyed every stage of the process, and my design and project management skills have improved more and more."

CREATING AN ATMOSPHERE OF TRUST FOR A BETTER RESPONSE TO YOUR REQUIREMENTS



Water treatment

Waste water

With its thorough knowledge of the various trades, covering treatment plants, the industrial sector (settling pond, filtration, or biological treatment), SEIMAF is involved from the pre-project phases to the installation studies. Our expertise and our experience with important customers will provide you with tailor-made solutions.

Desalination of sea water

The desalination of sea water has become vital at a time when water shortages are becoming more acute. Sea water is an almost inexhaustible resource, and its use in the production of drinking water is growing. SEIMAF guides you through the essential aspects of this process. Our technicians, engineers, and project managers will round out your teams to bring all your projects to a successful conclusion.

Our expertise:

- ✦ General installation studies in the preliminary outline and final design phases
 - PIDs
 - Civil engineering
 - Structural steel work
 - Pipes – Support structures
 - HVAC routing
 - Cable duct routing
- ✦ Calculations



Air treatment

SEIMAF has a team of experts with many years' experience of conducting air treatment studies (fumes, effluent, pollutants, etc.). We maintain exacting standards to make sure our teams of experts can satisfy the specific requirements of our clients.

Our main targets are the core industries involved in the treatment of waste and pollutants, with an obligation to satisfy the standards governing environmental emissions. We have many design projects under our belt!

Our expertise:

- ✦ Duct and casing design
- ✦ Support structures
- ✦ Calculation notes
- ✦ Manufacturing plans

ENERGY

A WIDE ARRAY OF SOLUTIONS

The profound transition affecting today's energy sector places the stakeholders in a strategic position where there are many challenges to overcome. Energy sources are very diverse (oil, nuclear, gas, solar, wind, etc.), and each one has its own mode of operation.

Multi-sector expertise

SEIMAF's expertise is related to all the industries that import, produce, transform, distribute, and supply energy of all kinds (thermal, nuclear, or the new energies). Over the years, our company has built a solid reputation in this field, thanks to the strength and spirit of our teams.

We muster all of our energy to always give our customers the best and to guarantee quality and on-time delivery.

Our teams support ordering customers in striving for Industry 4.0.

In our team members' own words



Gérald Cosvin

Design Office Manager, Noisy-le-Grand

"Performing an installation study means being connected to every link in the design chain in order to take it through to 'OK for implementation' status.

Layout studies, pipe routing, support structures, creation of guide drawings, piping arrangements, and support drawings constitute our areas of expertise."

GIVING A BOOST TO THE EXECUTION OF YOUR PROJECTS!



Nuclear

From the development of nuclear equipment or installations to their decommissioning, SEIMAF supports its ordering customers through the execution of project management, the design phases, engineering supervision, coordination, and worksite supervision.

Our expertise:

- ✦ Studies in the preliminary outline, final design, and detailed phases
- ✦ Civil engineering, roads and external works
- ✦ Structural steel work
- ✦ Installation of mechanical equipment
- ✦ Pipe routing
- ✦ Support structure designs
- ✦ Air duct routing, HVAC
- ✦ Installation of instrumentation
- ✦ Cable ducts
- ✦ Maintenance and safety studies, etc.
- ✦ Calculations
- ✦ Site surveys/drawing updates



Thermal power

We give you the benefit of our experience in the thermal power sector to help you achieve better energy and environmental performance.

Our engineering expertise let us carry out a variety of assignments and offer design services to suit your projects.

Our expertise:

- ✦ PIDs
- ✦ Studies in the preliminary outline, final design, and detailed phases
- ✦ Civil engineering
- ✦ Structural steel work
- ✦ Pipes – Support structures
- ✦ Smoke ducts, air ducts
- ✦ HVAC routing
- ✦ Cable duct routing
- ✦ Calculations



Oil and gas

SEIMAF supports you in speeding up your development by helping to bring your projects to life:

Consulting, pre-project studies, coordination and technical studies.

Our expertise:

- ✦ Pipework and general installation
- ✦ Civil engineering, Structures
- ✦ PIDs
- ✦ Machines
- ✦ 2D & 3D modelling
- ✦ Mechanical Engineering
- ✦ Pipes – Support structures
- ✦ Smoke ducts, air ducts
- ✦ Structural steel work
- ✦ HVAC routing
- ✦ Cable duct routing
- ✦ Mechanical element, flexibility, and structural calculations



Renewable energies

In a context of constant innovation in the renewable energy sector, covering such areas as solar boilers, photovoltaics, and biomass, we develop professional expertise in each technology, for optimum deployment that will help you achieve your ambitions.

Our expertise:

- ✦ Engineering & Design Office
- ✦ Project management
- ✦ Equipment support studies
- ✦ Maintenance trolley studies
- ✦ Calculations



INDUSTRY SERIAL RESULTS

At the heart of the industries of today and tomorrow, SEIMAF works with stakeholders in agri-food, pharmaceuticals, metallurgy, and many other industries. We are a large-scale partner with a network of design engineers and technicians who will work hand-in-hand with you. Our experts can carry out all of your studies alongside your teams, incorporating the constraints related to your sector.

Facing the new challenges in the sector

The race to Industry 4.0 is on, and the participants are now equipping themselves with next-generation manufacturing facilities to cope with ever-more demanding requirements.

To satisfy specifications like these, new technologies have proven essential and have given rise to connected, smart, automated production sites. Our experts have a head start with software such as Process Simulate, Robcad, and Delmia. They provide process, operations management, and manufacturing solutions that will improve overall production in order to achieve operational excellence.

Such a profound transformation of the materials sector must be accompanied by high-performance engineering and technical supervision.

In our team members' own words



Christian Jehanno

Design Office Manager, Saint-Herblain

"Working at SEIMAF has given me the opportunity to learn about different sectors and broaden my knowledge. As a project manager, this has enabled me to satisfy my appetite for variety by handling mechanical, conveying, and pipe projects."

I currently manage the Saint-Herblain office, and I won't get tired of my job any time soon."

WE ARE CREATORS OF ADDED VALUE!



Pharmaceuticals

Our engineering design offices work in the pharmaceutical sector.

Our range of services will help you optimise the performance of your processes and trades.

We can be involved in the design of special machines, right through to general installation studies.

Our expertise:

- ✦ General installation studies in the final design and detailed phases
- ✦ Civil engineering
- ✦ Pipes, support structures
- ✦ Equipment designs
- ✦ Structural steel work
- ✦ Conveying
- ✦ Ergonomics
- ✦ Calculations



Robotic simulation

We are the robotic feasibility market leader because we understand the problems of this very special environment, where technology advances at a fast pace and industries seek to improve the productivity and satisfaction of their work teams.

Our expertise:

- ✦ Processes
- ✦ Project supervision and management
- ✦ Process definition & validation
- ✦ Feasibility studies, SE
- ✦ Robotic simulation
- ✦ Definition of welding tools (clamps, guns, etc.)
- ✦ Definition of handling tools
- ✦ Inertia calculation
- ✦ Sequence of operations
- ✦ Cycle times
- ✦ OLP
- ✦ Robot backup uploads



Agri-food

SEIMAF studies and analyses your needs, to bring you tailor-made solutions for your processes and production lines.

Our expertise in many different sectors gives us a wide scope of action.

Our expertise:

- ✦ General installation studies in the preliminary outline, final design, and detailed phases
- ✦ Civil engineering
- ✦ Pipe distribution studies
- ✦ Design of mechanical equipment and boilerwork
- ✦ Structural steel work
- ✦ Conveying
- ✦ Packaging machines
- ✦ Ergonomics
- ✦ Calculations



Metallurgy

SEIMAF operates in the sheet metal work, cutting, boilerwork, foundry, and metal industry sectors. With our highly qualified staff, we can support you from the outset of your projects, until the ideal solution has been identified and implemented.

Our expertise:

- ✦ Layout
- ✦ Specialist machine designs
- ✦ Handling
- ✦ Equipment designs
- ✦ Structures and structural steel work
- ✦ Conveying
- ✦ Robotic feasibility
- ✦ Ergonomics
- ✦ Calculations

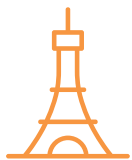
A woman with long dark hair tied back, wearing a dark blazer over a black and white striped shirt, is looking down at a smartphone. The phone screen displays the SEIMAF logo and the text 'SEIMAF Groupe'. The background is a blurred office environment with computer monitors and desks. The overall lighting is dim, with a teal color overlay on the right side of the image.

**GET IN THE
SEIMAF SPIRIT!**

Join us!

To find out about our world of expertise and what drives us, please visit seimaf.com or our social networks!





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