

JOURNEY TO THE CENTER OF CNIM

2014 overview - 04
The history of CNIM - 06
The successes of the year - 08

BUILDING FOR THE FUTURE

Message from the Chairmen - 12
Governance - 16
Meeting energy challenges - 18
Restricting environmental impacts - 22
Guaranteeing security for all - 26

MASTERING THE PRESENT

Assuming our responsibilities - 32
Unique end-to-end know-how - 36
Industrial facilities at the cutting
edge of technology - 37
Innovation at the heart of our
corporate culture - 38
Environment - 40
Innovation & Systems - 44
Energy - 46



WASTE-TO-ENERGY PLANT
Oxford (UK)
Delivered by CNIM in November 2014.

REACHING FOR THE STARS, WHILE KEEPING OUR FEET FIRMLY ON THE GROUND

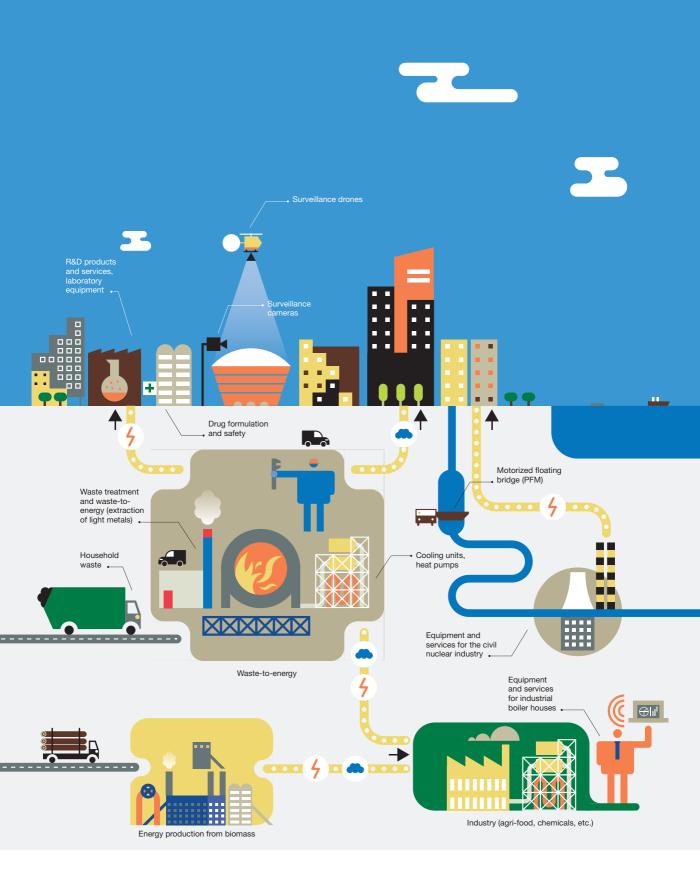
CNIM responds to the challenges of tomorrow

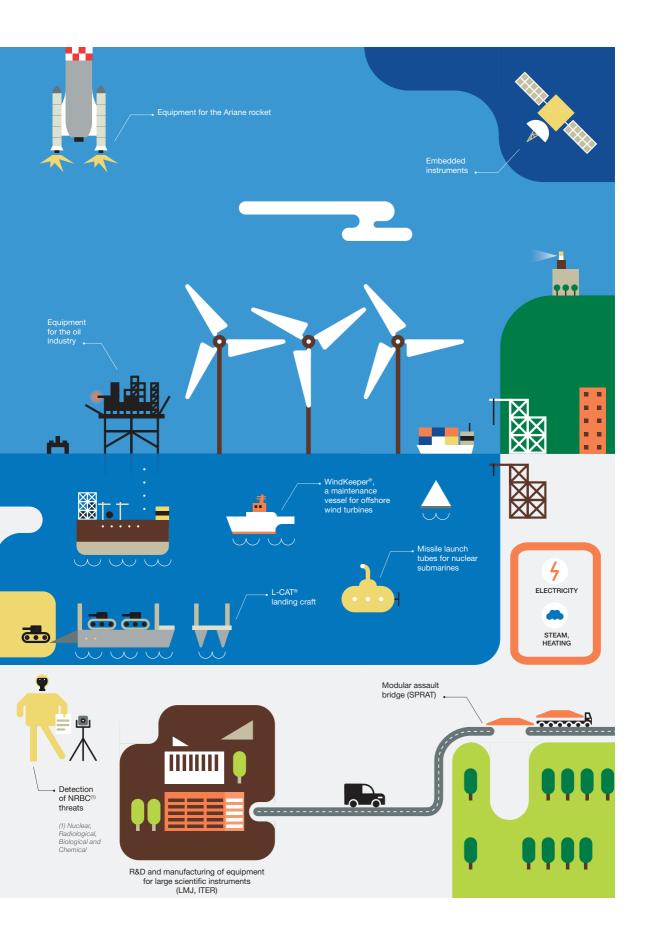
The solutions that the men and women at CNIM are today devising and implementing are paving the way for a cleaner and safer world that is more energy efficient and environmentally friendly.

When they entrust the Group with designing, constructing and operating their waste-management, energy-production, security or health infrastructure, CNIM's major clients in the private and public sectors know that every member of its 2,900-strong workforce will relentlessly strive to overcome the technological challenges in their way, and use their creativity to come up with reliable, long-lasting solutions.

The sheer diversity of skills and expertise at CNIM can be clearly seen in activities linked with the long-term issues facing today's world. It is also the hallmark of an independent, medium-sized, job-creating company whose capacity to constantly and relentlessly innovate is the driving force behind its growth.







JOURNEY TO THE CENTER OF CNIM

CNIM is there whenever Mankind needs:

- to produce cleaner energy more competitively;
- to minimize the environmental impact of its activities;
- to make plants and sensitive infrastructure safer and more secure;
- to improve the health and bolster the security of entire populations.

2014 OVERVIEW

CNIM coordinates projects and sells equipment across the entire world

5 production sites:

- La Seyne-sur-Mer (France)
- Nérac (France)
- Milan (Italy)
- Casablanca (Morocco)
- Gaoming (China)

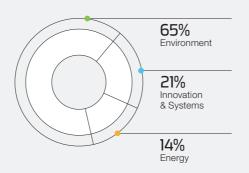






of which 67.5% in exports

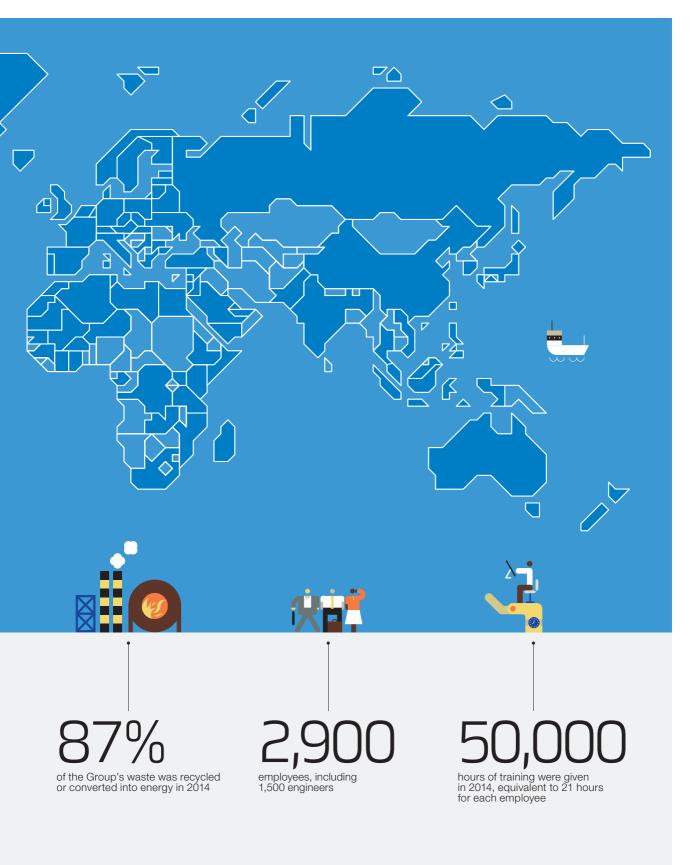
REVENUES BY SECTOR



INCOME (in € millions)



11.4% increase in operating income in 2014



THE HISTORY **OF CNIM**

Humans and technology: an incredible journey that began in 1856.

1856

The Société Nouvelle des Forges et Chantiers de la Méditerranée (FCM) shipbuilding company is founded in La Seyne-sur-Mer (France).

1859

The first steampowered and propellerdriven armored frigate is built.



1881

The French Navy's first submarine, Le Gymnote. is built.

1917

The first French tanks are built.



1947

A new type of very rapid pressure-rising boiler is patented, and fitted on all ocean liners built in La Sevne-sur-Mer.



1920s-1930s

1969

The incineration plant in lvry-sur-Seine is completed, equipped with two boiler furnaces each having a capacity of 50 tonnes/hour (the largest in the world at the time).

1975

Equipment is manufactured for an incineration plant in Moscow.



1981

CNIM is commissioned by the French Army to construct a motorized floating bridge.

1982

CNIM is awarded its first contract for producing mechanical escalators for the Hong Kong subway network.



<u>1960s-1970s</u>

CNIM starts to build oil platforms and methane carriers for the developing oil and liquefied natural gas markets.



2002

CNIM takes over Alstom's waste treatment division.



2003

The military applications division of the French Atomic Energy and Alternative Energies Commission (CEA-DAM) awards the CNIM-Bertin Technologies consortium the 'Chamber Equipment and Integration' contract for the Megajoule Laser project.

2003

CNIM develops the SPRAT modular assault bridge (SPRAT: Système de Pose RApide de Travure - rapid bridge installation system).



1965

The incineration plant in Issy-les-Moulineaux is opened.

1966

FCM is taken over by Herlicq Group. The company is renamed CNIM.

1967

France's first ballistic nuclear submarine, Le Redoutable, is launched, with its missile-launching system having been developed by CNIM.

1968

The first mechanical escalator is produced for the Parisian public transport network (RATP).





1950s-1960s

AMX13 light tanks are constructed for the French Army

1987

CNIM is tasked by the naval industrial group Direction des Constructions Navales to develop a new missile launch tube.

1989-1990

CNIM takes over the British company Babcock Enterprises and then the Belgian group Wanson, both specializing in industrial boilers.

1991

CNIM wins the contract to build a waste incineration plant in south London.



2001

CNIM takes over LAB SA, which specializes in flue-gas treatment.

1987



2001

2008

The first prototype of the L-CAT® landing craft is unveiled.

CNIM takes over Bertin Group.



2011

CNIM takes over Vecsys and IDPS, an institute that develops health products.



2013

CNIM acquires Geodur Recycling AG, which specializes in the treatment of ash and the recovery of metals.

2014

CNIM's principal shareholder, Soluni (the family-owned holding company), increases its stake in the group to 56.3%.

2014

Acquisitions:

- JJSBF (over-the-counter medicines):
- INVEN (its cooling units and heat pumps business);
- Saphymo (equipment for monitoring levels of ionizing radiation).

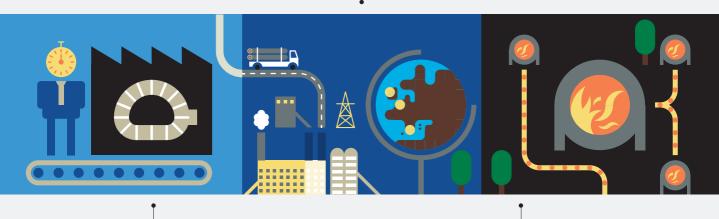
2014

THE SUCCESSES OF THE YEAR

CNIM is renowned for the innovative and high-quality projects that it carries out for major public and private sector clients in response to their current and future concerns.

Record deliveries of waste-to-energy plants in 2014

The waste-to-energy plants in Ardley (Oxfordshire), Four Ashes (Staffordshire), Ipswich (Suffolk) and North Hykeham (Lincolnshire) in the UK, the biomass-to-electricity plant (for the joint-venture company Kogeban) in Nesle, France, and the 'Termovalorizzatore' waste-to-energy incinerator in Turin, Italy, were all completed by CNIM in 2014, making the year its best ever in terms of deliveries.



Manufacture of radial plates for ITER: seven and counting!

In 2013, CNIM's industrial site at La Seyne-sur-Mer was given a major overhaul in order to guarantee the production of radial plates for the ITER experimental reactor at the required rate. In 2014, CNIM delivered its fourth plate, bringing to seven the number of plates that have to date been produced by the SIMIC-CNIM consortium, and making it possible to construct a complete toroidal coil.

Four clean boilers for CPCU

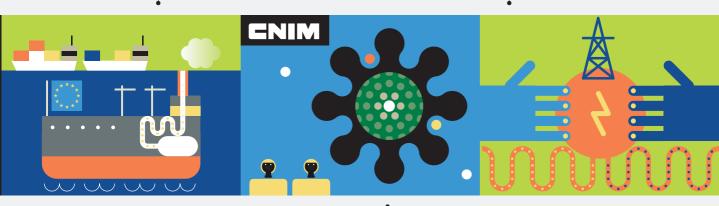
CNIM Babcock Services, assisted by LAB and in partnership with Actemium, was commissioned by the Parisian urban heating company Compagnie Parisienne de Chauffage Urbain (CPCU) to refit four boilers to run on gas and diesters. This contract is one of the most important environmental upgrading and energy conversion projects of recent years.

Less sulfur in marine air

With a European directive imposing a reduction in the amount of sulfur emitted by marine vessels coming into force at the beginning of 2015, STX chose to fit three Brittany Ferries vessels with LAB's flue-gas washing technology (marine scrubbers). This first contract could herald many more, with one thousand vessels around the world needing to be brought up to the new standards.

Energy storage = Lower prices

With EMR'Stock, Babcock Wanson has moved into the domain of high-volume energy storage in the form of heat, in order to provide electricity or thermal-energy producers with plants capable of storing and recovering large quantities of energy at highly competitive prices.



Megajoule Laser officially unveiled by the French Prime Minister

The Megajoule Laser was officially unveiled by the French Prime Minister, Manuel Valls, on 23 October 2014, with representatives from all the industrial companies that had played a part in the program being there to witness Mr. Valls firing the first experimental shot. The aim of this major project, which CNIM and its subsidiary Bertin have been involved in since 1999, is to study, in the minutest detail, how materials behave under extreme conditions similar to those arising from the deployment of a nuclear weapon.

Building for THE FUTURE

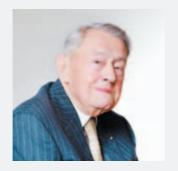


Megajoule Laser equipment in a clean room in CNIM's industrial site at La Seyne-sur-Mer.

CNIM's story is an industrial adventure centered around innovation and results. An adventure in which long-term investments, whether financial, technological or human, have always been given priority. This is demonstrated by the large-scale projects that have been entrusted to the Group by prestigious clients throughout the world.







"By remaining a family company, we are giving ourselves the means for a long-term strategy."

Vsevolod Dmitrieff
Chairman of the Supervisory Board

Last summer, Soluni, the family-owned holding company, purchased almost 29% of CNIM's share capital. It now holds a 56.3% stake in the Group. You have shown your commitment to keeping the company family-owned and independent: why is this so important for you?

Vsevolod Dmitrieff: Because entrepreneurship is in our

Vsevolod Dmitrieff: Because entrepreneurship is in our blood, because we relish a challenge, and because we have 2,900 colleagues alongside us who are dedicated to embarking on an industrial adventure with passion and ambition. We firmly believe that our entrepreneurial vision can only be placed on a long-term footing. Industrial innovation concerning some of the biggest issues facing our planet today, energy, the environment, security – around which our work revolves – does not lend itself well to a short-term approach.

Of course, like any company, CNIM has had some low points over the years – I'm thinking of the end of the ship-yard business in the 1980s – but the Group has been able to reinvent itself and become a figurehead in its new activities. This would have been barely conceivable had a stable, family-owned shareholding willing to invest in a corporate plan not been in place.

Nicolas Dmitrieff: By purchasing those shares, we have written a new chapter in our adventure. This transaction is the next logical step on from that finalized in 2008, when Soluni became the principal shareholder by increasing its stake in the Group to 27%. Today, with the family-owned holding company owning 56.3% of the Group's shares, the expression 'CNIM: A family company' has never been truer or more meaningful. Now firmly protected, the company can continue to plan for its future and its development without any worries.

How well has CNIM fared financially in 2014, given the state of the global economy?

N. D.: I don't wish to dwell too much on the bleak global economic picture; these days, the years are passing and nothing is changing, sadly. However, despite this climate, which has hit all companies, CNIM is holding its own. This is demonstrated by the Group's revenue figures, which have remained stable; in addition, net income rose by 7.6%, and operating income stood at 5.9% of revenues in 2014, compared with 5.4% in 2013. Even though the order backlog at 31 December 2014 fell, notably due to the receipt of the order to begin work on an international



"We have always banked on the sustainable development of our company."

Vsevolod Dmitrieff
Chairman of the Supervisory Board

waste-to-energy being put back from 2014 to 2015, we remain confident about the Group's prospects for expanding further into its key markets: the environment, energy and security.

What is CNIM's hallmark?

V.D.: I like to think that we have the flexibility of a small company and the ambition of a large company, and that we are able to demonstrate shrewdness in the use of our resources. In my mind, this is the hallmark of our medium-sized company. Through the diversity of both our businesses and our fields of investigation, we have made ourselves stand out in the French industrial landscape, and this is also our strength in these unpredictable times.

N.D.: We are mechanical and thermal engineers - skills that we originally put to use in the naval and defense

sectors, and that we are now providing to the energy and security sectors. For 150 years, CNIM has been designing, producing, maintaining and operating its equipment. Our comprehensive range of services means that we can help our clients overcome any challenge they may face. The feedback provided by the teams in charge of production or operational services has always been essential for improving the design phases directed by our design offices. This virtuous model fuels the innovation cycle, which is the real driving force behind our growth.

In 2014, three entities operating in very different sectors became part of the CNIM family: the cooling units and heating pumps business of the German company INVEN, the Aquitaine site of Johnson & Johnson Santé Beauté France (JJSBF), and Saphymo, a specialist in equipment for monitoring ionizing radiation. Why were these three chosen?

N.D.: These were targeted acquisitions aimed at consolidating the Group's position in flourishing sectors. The takeover of INVEN's cooling units and heat pumps business strengthened CNIM's presence in the energy efficiency market and in the market for clean technologies applied to energy production, heat networks, and the oil & gas, petrochemical, chemical and shipbuilding sectors. With JJSBF, Bertin Pharma has gained access to the fast-growing market of over-the-counter medicines, by taking over a site given over to the formulation and production of clinical batches of these drugs. By acquiring Saphymo, Bertin Technologies has become the only French industrial company to offer a complete range that encompasses not only equipment for detecting and identifying nuclear, radiological, biological and chemical (NRBC) threats for the defense industry, but also equipment for monitoring levels of ionizing radiation in the nuclear sector.

"CNIM comes up with reliable, long-lasting solutions that address the industrial problems faced by our companies."

Nicolas Dmitrieff
Chairman of the Management Board



V.D.: Do these transactions not show the commitment of an investing shareholder in tackling current issues, and

how it is prepared to go the extra mile in order to develop new offerings and conquer new markets?

So CNIM is well equipped to respond to the major challenges facing modern societies?

V. D.: Absolutely. Throughout its history, CNIM has always sought to acquire companies that both bolster its expertise in those sectors and enrich it by adding new skills to its repertoire. Every single day, our teams in our design offices, our laboratories and our workshops contribute to providing concrete solutions to the crucial problems facing our world today. Our projects, as technical as they may be, concern all of us – citizens, companies and government alike: how can we reduce the environmental impact of human activities? What energies will there be tomorrow? How can we contribute to making our planet safer?

And what about CNIM – what challenges is it currently facing?

N.D.: Exciting challenges that involve each and every one of us, from workers to managers, from engineers and technical experts to sales reps and administrative teams. We need to seek out growth further afield and increase our exports to non-European countries, with

the aim being for such exports, in the medium term, to account for a third of the Group's revenue, the other two thirds being made respectively in France and in Europe. We must also continue to innovate in order to preserve this technological leadership, which requires us to maintain a trusting working relationship with our clients in both France and the rest of the world. Lastly, we must keep that audacious streak which has allowed branches of activity to emerge from our technological and industrial prowess.

V.D.: For several decades now, we have been able to gain and maintain the trust of its major public and private sector clients, both in France and abroad, together with that of leading technological and business partners. This extraordinary asset is a treasure of sorts, and we must continue to ensure that it remains productive.

GOVERNANCE

Supervisory Board, Management Board and Senior Management

MANAGEMENT BOARD



Nicolas DMITRIEFF Chairman



Stefano COSTA



Philippe DEMIGNÉ

Catherine DELCROIX (until 31 December 2014)

SUPERVISORY BOARD

Vsevolod DMITRIEFF Chairman

François CANELLAS Vice-Chairman

Richard ARMAND

Christiane DMITRIEFF

Lucile DMITRIEFF

Société FREL

represented by Agnès HERLICQ

André HERLICQ

Stéphane HERLICQ

Société JOHES

represented by Jean-François VAURY

Jean-Pierre LEFOULON

Johannes MARTIN

Société MARTIN GmbH

represented by Ludwig von MUTIUS

Fabrice FINELLE

employee shareholders' representative

François HERLICQ Honorary Member

AUDIT COMMITTEE

François CANELLAS Chairman

Vsevolod DMITRIEFF

Société FREL

represented by Agnès HERLICQ

Jean-Pierre LEFOULON

STRATEGIC COMMITTEE

Vsevolod DMITRIEFF

Chairman

François CANELLAS

Richard ARMAND

Stéphane HERLICQ

André HERLICQ

Société JOHES

represented by Jean-François VAURY

GENERAL SECRETARIAT

(until 31 December 2014)

Catherine DELCROIX
General Secretary

GROUP FUNCTIONAL DEPARTMENTS

(from 1 January 2015)

Human Resources, Information Systems and Communication Department

François DARPAS Director Legal, Group Purchasing and Corporate Social Responsibility (CSR) Department

Éric CHADENIER Director

Group Finance Department

Christophe FAVRELLE Director

Departments by major product and service lines

ENVIRONMENT

CEO:

Stefano COSTA

Deputy CEO, Strategy, Business Development, Sales and Marketing: Stanislas ANCEI*

Deputy CEO, Finance and Audit: Virginie THÉVENET

Operational Departments

CNIM Engineering Department: Klaus ZINK, General Manager

CNIM Operation Business Unit: Didier FONTAINE, General Manager

CNIM Europe and Africa Business Unit: Claude BOUTIN, General Manager

CNIM Overseas Business Unit: Thomas FEILENREITER, General Manager

Flue Gas and Ash Treatment Business Unit: Thomas FEILENREITER, General Manager of LAB SA and LAB GmbH

Solar Energy Business Unit: Roger PUJOL, General Manager

Functional Departments

Business Development: Christophe CORD'HOMME, Director

Human Resources: Frédéric RICHARD. Director

Subsidiaries

LAB SA Chairman: Stefano COSTA

General Manager: Thomas FEILENREITER

Director of Sales: Christian BESSY

Director of LAB Service: Frank TABARIES LAB GmbH Co-managers: Stefano COSTA Thomas FEILENREITER

Director of Sales: Christian FUCHS
CNIM Azerbaijan (subsidiary)
Director: Didier FONTAINE
Deputy Director: David NICHOLLS

MES Environmental Ltd (subsidiary)

Director: Bernard JOLY

INNOVATION & SYSTEMS

CEO: Philippe DEMIGNÉ

Industrial Systems Division

CNIM INDUSTRIAL SYSTEMS

Trade and Contracts Department: Matthias BAYART, Director

Engineering Department: Jean ROCH, Director

Manufacturing Department: Daniel ROSSI, Director

CTE (subsidiary)

General Manager: Patrick ROSAY (until 19 December 2014) Daniel MANSO (from 20 December 2014)

Bertin subsidiaries

Bertin Technologies Chairman: Philippe DEMIGNÉ

Bertin Pharma

General Manager: Xavier MORGE

Bertin Corp.

General Manager: Bruno VALLAYER

Saphymo

Chairman: Bruno VALLAYER

Vecsys

General Manager: Béatrice BACCONNET

Babcock Wanson Maroc (subsidiary) General Manager: Daniel ROSSI

ENERGY

CEO:

Catherine DELCROIX (until 31 December 2014)

Deputy CEO: Hubert DUMAS

CNIM Babcock Services

Director: Hubert DUMAS

Babcock Wanson subsidiaries

Chairman:

Catherine DELCROIX

(until 31 December 2014)

Cyril FOURNIER-MONTGIEUX

(from 1 January 2015)

Babcock Wanson France General Manager: Cyril FOURNIER-MONTGIEUX

Babcock Wanson Italiana General Manager: Furio SABBATINI

Babcock Wanson UK General Manager: Chris HORSLEY

Babcock Wanson España General Manager: Jon GOITISOLO

Babcock Wanson Caldeira Lda General Manager:

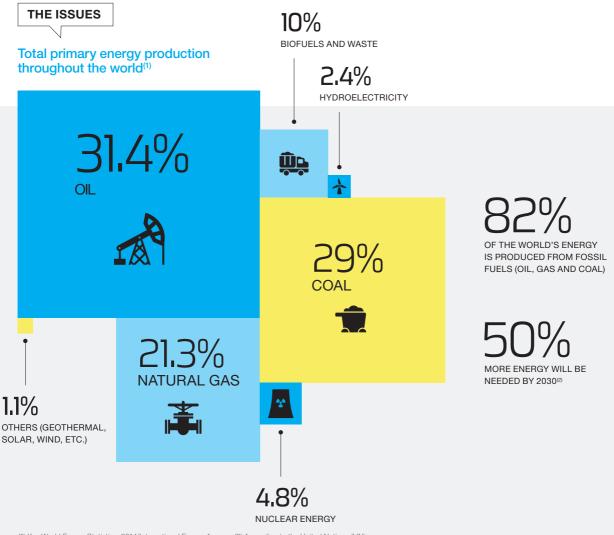
Paulo MORGADO

CNIM Babcock Central Europe Director:

Artur SZNURA

ENERGY DEMANDS

With the Earth's population expected to reach 8.3 billion by 2030, and with more and more energy being consumed by the day, building an energy sector for tomorrow's world is one of the biggest challenges for the future. Controlling consumption rates, making better use of sustainable resources, storing energy efficiently and improving the 'energy mix' are just some of the problems that CNIM is helping to address.





Top. A mobile production line for solar panel casings intended for a concentrated solar power plant. Bottom. A radial plate for the ITER reactor leaving CNIM's industrial site.

WHAT THE GROUP OFFERS

Faced with constantly rising demands for energy, CNIM offers a comprehensive range of customized equipment and services for

fossil fuels, nuclear energy and renewable energies. Managing energy production, designing and producing cutting-edge equipment and devising storage solutions are just some of the elements forming part of the Group's expertise, which it is developing with the key objective of controlling consumption levels and costs always in its mind.





EMR'STOCK

STORING ENERGY IN HIGH VOLUMES? YES WE CAN!

CNIM and its subsidiary Babcock Wanson will, in the future, offer plants to energy producers that are capable of storing and recovering large quantities of energy at highly competitive prices. The aim is to hybridize EMR'Stock with all forms of energy production: renewable energy production, industrial processes, and the like.

The system involves converting and storing, in the form of heat, energy surpluses not taken up by the grid. The heat stored at high temperature is then reconverted and returned to the grid when it is most needed. The project's R&D is being funded partly by the Region of Aquitaine and the BPI (a French business funding and development body), and will be rolled

out in several phases up until 2026. Bertin Technologies, the French Atomic Energy Commission, Cap Ingelec and IC Énergie are all partners to this project.

10-100 MWh

amount of energy stored in the form of heat by EMR'Stock



SOLAR POWER

REVISITING THE TECHNOLOGY OF FRESNEL MIRRORS AND LOWERING THE COSTS OF ELECTRICITY GENERATION

Situated in the heart of the eastern Pyrenees, the region of Cerdagne is renowned for its exceptionally sunny weather.

On this high plateau, the village of Llo is well worth a visit, not only because of its picturesque buildings but also because it will soon be the site of a Fresnel solar power plant developed by CNIM. The modeling and design studies for this facility have led to a new medium-term energy storage design involving various types of turbines, which should make it the first power plant of its kind to be able to store power for a duration equivalent to three hours of turbine operation at full power. This progress has been made in a bid to demonstrate the ability of this form of technology to meet the needs of electricity grids and thus serve as a complement to intermittent energy sources (wind or solar power). In order to lower the costs of electricity generation, one of the key factors involves improving the yield of a thermodynamic cycle. This entails increasing the temperature of the steam. A Fresnel receptor for use with superheated steam, which uses the same mirror modules as for saturated steam, has been developed as part of a university thesis tutored by CNIM.

Managing solar energy production by monitoring weather forecasts

With its solar power facilities totaling 70 MW, Albioma is a leading player in the solar power sector in France's overseas territories. In a bid to increase the amount of intermittent energy supplied to insular electricity grids, the French Energy Regulatory Commission (CRE) has imposed a certain number of rules, with penalties being applied if they are broken, and this has restricted the production profile of solar farms. Operators now need to control their production in order to comply with the restrictions and limit battery deterioration. Bertin Technologies has addressed this problem for Albioma by equipping the solar plant in Saint-Leu (Réunion) with its Energy Management System (EMS). This item of energy-saving software uses weather forecasts to control electricity generation and storage in real time. Albioma intends to install this system in its future power plants.

Jacques Silva Ribeiro, Head of Production Methods at CNIM

"Two years of technological challenges working on ITER."



"Two years after the contract was signed, we have already delivered the first seven radial plates out of the 35 scheduled⁽¹⁾ to be produced by the beginning of 2017. The eighteen months of industrialization have been very busy: CNIM first of all built a dedicated industrial facility spanning 3,000 m² (with a volume of 45,000 m³), with its temperature being regulated at around 20°C. Special machining tools were developed for this project. We developed the other manufacturing processes at the same time, always skirting near the technological limits: machining, electron beam welding and control. CNIM is now at the series production phase, and will rise to the challenge of meeting the high quality demands of the product, all whilst respecting the delivery schedule, which requires us to produce one plate every three and a half weeks."

SCIENTIFIC EQUIPMENT

FUSION POWER PLANTS: REPRODUCING THE SUN'S ENERGY ON EARTH

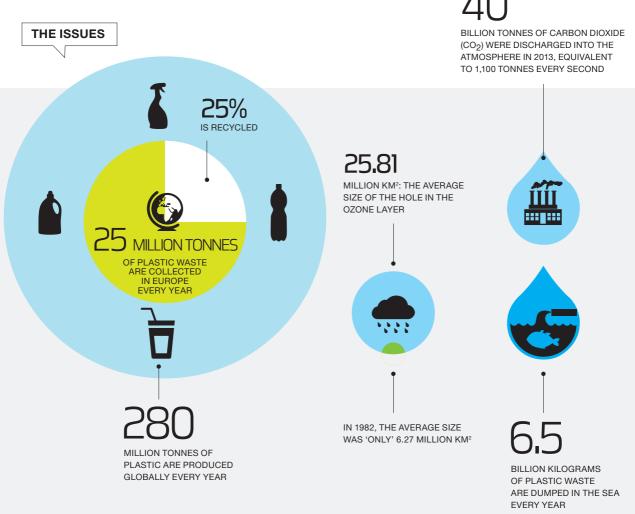
The aim of the ITER project is to prove the scientific and technical feasibility of nuclear fusion being a new source of energy. The researchers of this international project are studying plasmas under conditions similar to those that would exist in future fusion power plants. These experiments should pave the way for fusion power to eventually be put to industrial and commercial use. CNIM and its partner SIMIC are currently producing the 70 radial plates⁽¹⁾ needed to make up the backbones for the 18 toroidal magnetic field coils required to keep the plasma confined in the ITER vacuum chamber.

700 m

of superconducting cable in every radial plate for the ITER reactor

ENVIRONMENTAL IMPACTS

Today, the need to reduce CO_2 emissions and to protect soils and water resources is no longer disputed. However, the fact remains that this will pose a major challenge to future generations. Thanks to its innovations in the fields of renewable energy production, flue-gas and waste treatment, the conversion of flue gases and waste materials into energy, and energy recovery, CNIM is playing its part in restricting the environmental impact of industrial activities.





Waste-to-energy plant in Oxford (UK).

WHAT THE GROUP OFFERS

Designed to limit the consumption of energy, water and reagents by industrial facilities, the solutions developed by CNIM and its subsidiaries combine lower operating costs with increased energy and environmental performance. Complying with increasingly stricter standards, the Group's range of technologies and services often go well beyond the minimum regulatory requirements.



Connected industrial boiler houses

Through the online BW e-Manage service offered by CNIM's subsidiary Babcock Wanson, clients are able to monitor their boiler houses 24 hours a day from any location. Babcock Wanson is positioned at the forefront of the industrial boiler house market, and allows its clients to follow, in real time, the status and operation of their boiler house in order to optimize reliability, security and energy efficiency levels. The connected 'smart' boiler houses only consume what they need and no more, and help to limit the environmental impact and operating costs of industrial activities.

WASTE-TO-ENERGY

WASTE: ANOTHER SOURCE OF RENEWABLE ENERGY

There are only two options available for dealing with residual waste following sorting (i.e. waste that cannot be recycled): it can either be sent to a landfill site, or incinerated in order to be converted into energy. When it is incinerated, the energy produced can be converted into electricity and distributed over the grid, or alternatively be transformed into steam. This can then be used for urban heating or supplied to industrial companies in order to power their manufacturing processes. The Confederation of European Waste-to-Energy Plants (CEWEP) has calculated that 79 million tonnes of residual waste were incinerated in Europe in 2012, which made it possible to reduce lignite consumption by 44 million tonnes and CO₂ emissions by 49 million tonnes, and also produce 80 million MWh of heat and 32 million MWh of electricity. These figures correspond to the amount of

heat and electricity consumed by 14 million people, equivalent to the combined populations of Denmark, Finland and Lithuania. Even though Azerbaijan has vast fossil fuel reserves. the country is the first in the Caucasus region to have its own household waste-to energy plant. This plant, which was designed and is operated by CNIM, is able to treat 500,000 tonnes of municipal waste and 10,000 tonnes of hospital waste per year. The treatment of this waste generates 231,500 MWh of electricity that is exported to the grid every year, enough to power 50,000 homes. The overall benefit in terms of the greenhouse effect is that, for every tonne of waste that is incinerated, over one tonne of CO2 is prevented from being discharged into the atmosphere, which means that CO2 emissions are reduced by more than 500,000 tonnes every year.



ENERGY EFFICIENCY

PETROFAC TASKS CNIM WITH INSTALLING COLD PRODUCTION EQUIPMENT ON BOARD THE JSD 6000

Petrofac, one of the leading service providers in the oil & gas sector, has tasked CNIM with designing, manufacturing and putting into service a highly energy efficient cold production system for its deepwater derrick lay vessel, the JSD 6000. Comprising two tailor-made absorption chillers, this environmentally friendly system will recover the hot discharges of the engines and produce cold energy without increasing fuel consumption or greenhouse gas emissions, which represents an advantage over conventional fuel-guzzling compression chillers. In actual fact, CNIM's equipment does not need any toxic refrigerants or CFCs in order to function, unlike compression chillers. This is a first for this type of vessel.

Recovering fatal energy in order to produce cold or heat

The technology used in CNIM's absorption units meets the objective of reducing fossil fuel consumption and emissions of greenhouse gases, while promoting renewable energy, and improving the energy performance and efficiency of industrial processes. This offer is targeted at a multitude of sectors, including the energy production, heat networks, oil & gas, petrochemicals, chemicals and shipbuilding sectors.

Copenhagen heats itself with its own rubbish

LAB is working on developing flue gas treatment systems which also recover heat through the condensing of flue gases. These systems will soon be installed in two waste-to-energy plants located in the heart of one of Copenhagen's residential districts, and will generate heat directly for the district heating network. Three ski slopes (one green, one blue and the third a wall mogul) totaling 1.5 km in length will soon be positionned on the inclined facade of one of the plants, with a height difference of 90 meters.



Frank Fischer,

Development Director of the ash incineration business at LAB Geodur

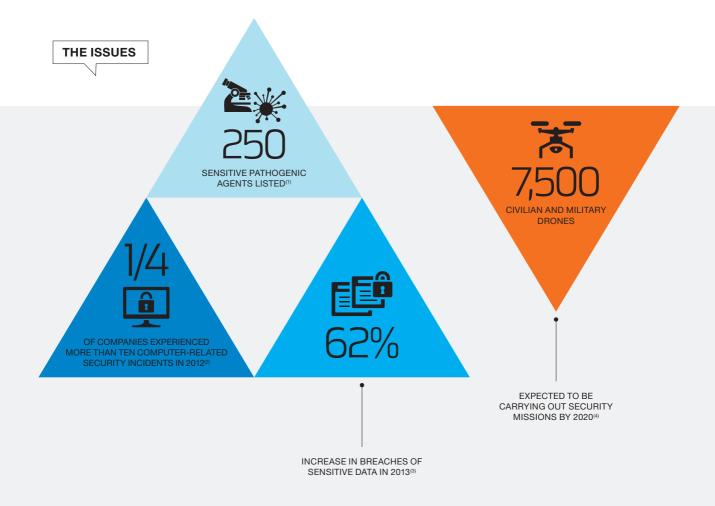
"Offering patented recycling and recovery systems for ferrous and non-ferrous metals."

"Everybody now agrees that household waste is a source of energy, and that by converting it into energy we can avoid having to resort to fossil fuels. On the flip side, fewer people realize that it's possible to go even further when it comes to waste treatment: certain metals contained in incineration ash can actually be recovered. LAB has developed two specific processes for treating incineration ash, which make it easier to extract ferrous and non-ferrous metals:

RecuLAB™ NF, through which ash may be completely recycled into fill material, and RecuLAB™AU, for which a patent has been filed, and which makes it possible to recover non-ferrous heavy metals such as copper, zinc, silver and gold. Obviously, we can't expect to find gold nuggets in incineration ash, but it still represents a very valuable source of metals, and recycling it gives us a real opportunity when it comes to preserving natural resources."

SECURITY FORALL

In today's increasingly globalized and digitalized world, both governments and companies alike need to revise their security policies. Right from when it rolled out the first French tanks and submarines, CNIM has always been at the heart of the security issues facing the modern world. Today, the Group continues to play a key part through its innovative products and services for ensuring the security of people, industrial sites, cities and even entire countries.





Equipment for the Megajoule Laser (LMJ) manufactured by CNIM and Bertin Technologies.

WHAT THE GROUP OFFERS

CNIM's range of deterrence and land/sea force projection systems are complemented by the range offered by its subsidiary Bertin Technologies, which is targeted at areas relating to civilian and military security: surveillance and reconnaissance, detection of nuclear, radiological, biological and chemical threats, cyber-security and cyber-intelligence. Bertin Pharma also uses its expertise to play a role in making drugs and medical instruments even more effective and safer. The company offers solutions such as the formulation of drugs and research into how they evolve in the organism, together with the development of experimental drugs and the production of assay kits for bioanalysis.



Chrystelle Gruet, Head of the Industrial Risk Analysis business at Bertin Technologies

A

"The Industrial Risk Analysis business is developing strongly."

"Our Industrial Risk Analysis engineers conduct regulatory trials for the operators of Facilities Classified for Environmental Protection (FCEP) and for Seveso-classified chemical and petrochemical sites. These trials, which are required by the French administrative authorities, help to prevent the risks that industrial activities could pose to public security, people's health and the environment. Thanks to these trials, operators are able to reduce risks at an affordable cost and thus play a part in improving environmental security."



PROTECTION FROM COMPUTER VIRUSES WITH WHITEN®

Even when they are not connected to the Internet, sensitive information systems and critical infrastructure remain exposed to the risk of being infected with malicious content through uncontrolled removable media such as USB keys, mobile telephones and other mobile storage devices. The solution devised by Bertin Technologies to overcome this type of threat, WhiteN®, makes it possible to check not only that the files imported into a system are harmless, but also that the media comply with the security rules in place within an organization.



DEFENSE

SIMULATING THE DEPLOYMENT OF NUCLEAR WEAPONS

A key part of the Simulation program, the Megajoule Laser (LMJ) project commissioned by the French Atomic Energy and Alternative Energies Commission's military applications division (CEA-DAM) aims to study, in the minutest detail, how materials behave under extreme conditions similar to those arising from the deployment of a nuclear weapon.

CNIM and Bertin Technologies have both been involved in this extraordinary project for more than ten years. CEA-DAM first awarded them the Chamber Equipment and Integration (CEI) contract. CNIM then also went on to be awarded the Frequency Conversion System (FCS) contract. The year 2014 saw the end of the CEI site trials and the successful integration of the two first FCSs, which allowed the Megajoule Laser to be put into service for its first series of shots. The items of equipment delivered under those contracts have proved their worth in terms of performance, with some even exceeding CEA/DAM's expectations. With the client having approved the series launch review of the next FCSs, CNIM can now start making preparations for manufacturing the next pieces of equipment that will be required over the coming few years.

Software solutions for anticipating and protecting against potential threats

Bertin Technologies designs and supplies software solutions adapted to the requirements of players in the defense and security sectors and other operators having vitally important roles. Its range, which is geared towards anticipating and protecting against potential threats, seeks to guarantee not only the security of information systems and critical infrastructure but also the advanced processing of multilingual multimedia content for cyber-intelligence and crisis management.

France's Chief of Defense Staff approves PolyXene®, an extremely secure item of software

PolyXene® is an extremely secure operating system (certified CC-EAL 5) that has been tested by the office of France's Chief of Defense Staff. It was found to meet the requirements for compartmentalizing classified information and securely exchanging sensitive data. This trial formed part of the close working relationship between Bertin Technologies and the French Defense Procurement Agency (DGA).



HEALTI

ENSURING THE SECURITY OF DRUGS AND MEDICAL INSTRUMENTS TO KEEP PATIENTS SAFE

SARS, flu, dengue fever, chikungunya fever, HIV, nosocomial infections, prion diseases: microbiological risks are a public heath issue associated with the emergence of new infectious diseases. In order to treat them, certain biomedicines have proven to be more effective than conventional chemical products. The use of medical instruments to view the organs and assist in diagnosis is also becoming increasingly commonplace.

Security is a key issue when developing and using such biomedicines and medical instruments. For biomedicines, this involves monitoring the biological security of the raw materials and removing or rendering inactive any pathogenic agents when producing them, while the security of medical instruments is centered around decontamination or sterilization processes. Bertin Pharma works on these issues alongside the big names in the pharmaceutical and decontamination industries, and takes part in working groups set up by the French National Agency for Medicine and Health Product Safety (ANSM) and the French Directorate-General for Health (DGS).

Mastering THE PRESENT



Factory at CNIM's industrial site at La Seyne-sur-Mer where the radial plates for the ITER reactor are manufactured.

With extremely advanced technological expertise and unique industrial and research means at their disposal, combined with a flexible and responsive organizational structure, CNIM and its subsidiaries have everything they need to offer their clients a comprehensive range of design solutions, products and services.



ASSUMING OUR RESPONSIBILITIES

A company that strives to forge long-lasting relationships of trust with its clients and seeks to reduce the environmental impact of its activities is generally progressing along the right lines. However, a company that is committed to its employees, shows a desire to go the extra mile as regards its corporate social and environmental responsibility (CSER) and formalizes everything within a demanding and proactive CSER initiative is performing even better. In this section, we put the spotlight on some of the key measures put in place by the Group in 2014.

Some 75% of the Group's work is centered around energy efficiency and reducing the environmental impact of its industrial clients. Whether on its own sites or while performing work at those of its clients, CNIM has everything in place to ensure that its actions meet the requirements set by its corporate social and environmental responsibility policy. Such an approach forms an additional opportunity for moving forwards.

STAFF HEALTH AND SAFETY: AN ABSOLUTE PRIORITY

The health and safety of staff is one of Senior Management's top priorities and concerns everyone, and forms the object of sustained prevention programs and procedures.

A million working hours without a single accident

CNIM has celebrated the millionth accident-free working hour on the site where the waste-to-energy plant is being built at Trident Park in Cardiff (UK). All 250 staff of CNIM and its partners – the civil engineering contractor Lagan, consulting engineers Fichtner and the client Viridor – working on the site were there to celebrate the occasion.

A royal honor

MES Environmental Ltd, the CNIM subsidiary responsible for running waste-to-energy plants at the UK sites in Dudley, Stoke-on-Trent and Wolverhampton, has received a gold medal from the Royal Society for the Prevention of Accidents (RoSPA), a distinction that is seldom awarded to companies operating in this line of work. This honor is the crowning achievement of the policy put in place by the subsidiary to constantly improve working conditions.

Preventing workplace accidents through training

At La Seyne-sur-Mer, the reinforced action plan launched in 2013 has been followed up by, among other things, 'zero accident' training courses and behavioral audits being introduced, and an official list of the dangerous situations identified being published. It is well worth mentioning that six workshops made it through the whole year without a single accident.

MUCH STRATEGIC FOCUS PLACED ON SKILLS DEVELOPMENT

Technical expertise, management, sales, project coordination and leadership are all covered by the continuous improvement process that is being run jointly by Senior Management and the teams in charge of training.

Training the trainers

The process by which in-house trainers are selected and supported has been formally recorded: 80 members of staff received training on how to develop training materials and lead courses. Modules in the engineering, information systems and purchasing domains have been rolled out, with the support of experienced in-house training consultants.





At Bertin Technologies, the experts have their own panel

By capitalizing on experiences and coaching technical teams, the expert panel at Bertin Technologies encourages the sharing of good scientific and technological practices and the setting-up of R&D partnership between the Group's subsidiaries, and also lends its expertise to solving internal stumbling blocks. It is also involved in defining the Group's strategy, and in putting together its multi-partner and multidisciplinary offers.

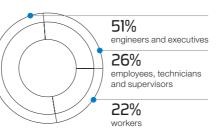
Passing on expertise through mentoring programs

CNIM Babcock Services is convinced that the future can be planned for more effectively when knowledge and skills are passed on, and to that end introduced a mentoring scheme in 2014. Six mentors were each assigned a protégé and given one year to tutor them. This initiative has demonstrated that for one year spent in a working environment, the equivalent of five years of 'classic' training could be saved.













COMBATING DISCRIMINATION: A CONSTANT COMMITMENT

Because CNIM also innovates and acts in favor of people seeking to reintegrate, disabled people, students, and both youngsters and seniors.

Generation contract

In 2014, close to six new recruits out of every ten were under 35 years of age, and 11% of new employees were aged 50 or over: the generation contract allows the Group to prepare for the future by recruiting and training today the generation who will be responsible for future projects, while fostering the passing-down of the knowledge and skills acquired by our most experienced members of staff.

Corporate mentoring

The Passeport Avenir association helps young people from disadvantaged backgrounds to access higher education and employment. Two members of staff at the La Seynesur-Mer site have chosen to act as mentors to two pupils from a college in Toulon. Their aim is to teach their protégés the conventions of the business world, and help them to develop their own self-awareness, gain confidence in themselves and establish their own career plans. The mentors have also led workshops open to the entire college year, in order to avoid discriminating against students who are not eligible for the program.

Rolling out of a disabled scheme

The Group is constantly striving to promote the appointment, retention, development and training of disabled people. A specific action scheme for disabled workers was launched in 2013. It aims to encourage Group employees with a disability to make themselves heard, and also for a proactive approach to be taken when it comes to recruiting disabled people, and for the Group to actively seek to

80%

reduction in the amount of electric and electronic equipment thrown away by the Group in 2014 make purchases from disability-friendly companies. The scheme was given its first positive assessment in late 2014, and is still being rolled out today.

A SUSTAINABLE GOAL: REDUCING THE ENVIRONMENTAL IMPACT OF INDUSTRIAL ACTIVITIES

CNIM is able to meet the twofold challenge of making its clients energy efficient and reducing the environmental impact of its own activities, whether carried out at its own production sites or while performing work at its clients' sites.

A new life for office equipment

Thanks to the partnership entered into with a disabled-friendly company specializing in the recycling and reconditioning of computer equipment, the Group has been able to reduce the amount of electric and electronic equipment that it throws away in France by 80%, thereby contributing to the circular economy. Out of 2.5 tonnes of equipment, half was recycled and the other half reconditioned; 142 employees were able to buy this equipment for prices two to three times below the market price.

Converting and processing waste in order to cut CO₂ emissions

By converting waste to energy and processing material waste at its French sites in Thiverval-Grignon, Pluzunet, Launay-Lantic, Saint-Pantaléon-de-Larche and Nesle and at its UK sites in Wolverhampton, Stoke-on-Trent and Dudley, CNIM has been able to reduce its $\rm CO_2$ emissions by 149,000 tonnes in 2014 (a 28% improvement over 2013), equivalent to amount of $\rm CO_2$ emitted by an average French car having traveled 1.2 billion kilometers.

Process waters: zero discharge target

After several years of continuous improvements made to their water management procedures, the waste-to-energy plants at Thiverval-Grignon and Pluzunet now have reached the zero water discharge target, since all of the water (industrial and rainwater) is fully reused within the process. Work is also underway at CNIM's Saint-Pantaléon-de-Larche site in central France, with the aim being to eliminate all water discharges (by reusing the process waters) by the end of 2015.

UNIQUE END-TO-END KNOW-HOW

Mechanics and thermal energy, our historic areas of expertise, require a diverse range of technological skills. This is the basis on which CNIM Group has forged its unique profile as an all-round industrial contractor. CNIM manufactures and installs the equipment it designs and provides maintenance and operating services for them, and to do so relies on outstanding industrial facilities.

OR&D

CNIM and its subsidiaries have at their disposal ultra-modern R&D resources led by multidisciplinary teams of engineers.

The Group's research is focused on improving energy performance, reducing the environmental impact of combustion equipment, renewable energy, the civil nuclear industry, defense and deterrence, optics, optronics, ergonomics and life sciences.

@ DESIGN

CNIM manufactures the industrial equipment created by its design teams in its own workshops. Feedback from the production process helps lead to further advances at the testing and dimensioning phases. This close collaboration between design and production is central to the Group's competitive advantage.

® FINANCING

The Group's expertise in structuring project finance deals and export finance deals, especially for PPP (public-private partnership) projects, is an important lever for its development.

4 ENGINEERING

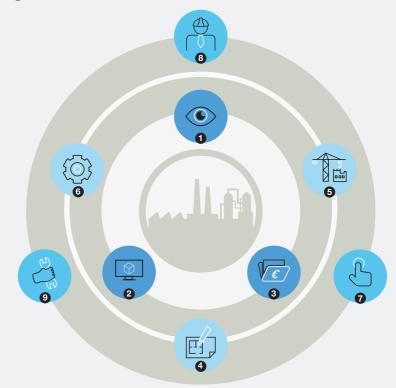
As engineering experts in manufacturing systems and processes, the Group's employees play a role that ranges from defining clients' needs to testing and verifying systems and equipment prior to commissioning. They have high-precision measuring and testing resources at their disposal.

© CONSTRUCTION

CNIM has built 162 waste-to-energy plants over the last 50 years, representing a total processing capacity of 24 million tonnes of waste per year. As a turnkey contractor, the Group designs facilities and oversees civil engineering work, which is carried out by subcontractors or partners with which it has built up close working relationships.

© PRODUCTION

At its various industrial sites, CNIM manufactures large-scale, high-precision mechanical and thermal equipment in small and medium quantities for the defense, nuclear and energy industries.



© COMMISSIONING

From construction site management to on-site assembly and installation, all of the Group's companies are involved in bringing equipment into operation.

Some of these activities are carried out in sensitive industrial or nuclear environments, where tight safety constraints require absolute mastery of the work being performed.

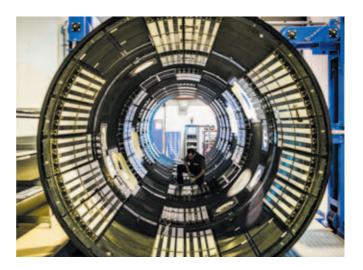
O OPERATION

CNIM has been operating waste-to-energy plants for over 40 years, including facilities built by third parties as well as those that it has designed itself, both in France and abroad. This area of activity has been expanded to include a green algae processing plant and biomass co-generation plants.

O MAINTENANCE

CNIM maintains equipment and guarantees its long-term performance. Its range of services includes maintenance and repair work, operational maintenance, customized operating assistance, and training.

INDUSTRIAL FACILITIES AT THE CUTTING EDGE OF TECHNOLOGY



CNIM's industrial facilities are situated at five sites located both inside and outside France:

- the La Seyne-sur-Mer site in Var (south-east France), where all of the Group's various activities are represented: development (R&D, design offices, engineering, dimensioning, calculations, instrumentation and control systems, etc.), production (clean room operations, machining, welding, metalworking, etc.), services;
- the Nérac site in Aquitaine (south-west France), where Babcock Wanson France designs and manufactures fire-tube boilers and industrial burners;
- the Milan site in Italy, where Babcock Wanson focuses on industrial thermal heaters and coil-type steam boilers as well as volatile organic compound incinerators:
- the Casablanca site in Morocco, which provides efficient and competitive production/assembly boiler house capacity to both internal and external clients;
- the Gaoming site in China, where mechanically welded assemblies are produced for the industrial sector, together with equipment for Chinese nuclear power plants.

The Group's industrial strategy is based on how its different industrial sites complement each other in order to provide its clients with solutions combining quality, flexibility and competitiveness.

Bertin Technologies' research laboratories and multi-disciplinary capabilities complete this package aimed at industrial innovation.

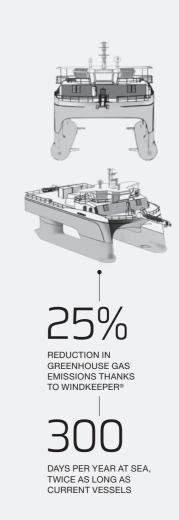
INNOVATION AT THE HEART OF OUR CORPORATE CULTURE

Sustained by the creative energy of the workforce, innovation is the keystone of the Group's technological leadership, competitiveness and growth. This innovation is fostered by a set-up that gives much room to initiative and creativity and through lean decision-making processes. Knowing how to move fast to turn an idea or design into an outstanding technological service is a major competitive asset.

A key driving force behind CNIM Group's growth, innovation lies at the heart of the high-added-value projects carried out by the Group's engineers, researchers and technicians – projects which address the technological challenges posed by its major private and public sector clients. The products and facilities provided by the Group are often world firsts.

For CNIM Group, innovation involves:

- a continuous improvement program aimed at optimizing existing equipment;
- the development of uniquely designed and constructed new products;
- a dynamic intellectual property policy with a portfolio of 129 groups of patents:
- the development of civil applications from defense projects;
- partnerships with research organizations in France and internationally;
- full participation in the development of major competitiveness clusters in France;
- the development of services aimed at optimizing clients' facilities by improving the operational availability of equipment and reducing its operating costs.





WINDKEEPER®: THE VESSEL OF THE FUTURE

WindKeeper® is a project for a support and maintenance vessel for offshore wind farms that is supported by the French Environmental and Energy Management Agency (ADEME) as part of its Vehicle of the Future section of the Agency's Investments for the Future program. Led by CNIM, its partners (Compagnie Maritime Chambon and Socarenam) and two teaching establishments (ENSTA Bretagne and Supméca Toulon), the project aims to offer a new kind of specialized, cost-efficient, eco-designed vessel that will be able to double the annual wind turbine maintenance capacity currently offered by existing solutions, thereby substantially increasing electricity production due to the wind turbines' increased availability.

Capable of sailing on stormy seas (waves reaching up to three meters in height) through its SWATH hull, which makes it extremely stable, and other adapted equipment, WindKeeper® will be operational 300 days per year, double the time offered by the small vessels currently used for maintaining offshore



wind farms. The vessel will also be equipped with an active personnel transfer system capable of compensating for the movements when the vessel is traveling on rough seas, thereby ensuring that technicians are transported safely to the wind turbine. WindKeeper® will therefore make it possible not only to maximize the energy output of wind turbines, since it can be called on to sail at a moment's notice and is fitted with equipment that is adapted to a budget, but also to optimize maintenance operations and energy consumption by reducing the trips made by the vessel between wind turbines and by using a hybrid propulsion system. The technological solutions employed seek to reduce greenhouse gas emissions by 25% compared to current solutions.

IN SOCIAL TERMS, THE EXPECTED RESULTS WILL HELP TO DEVELOP:

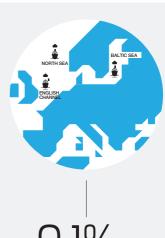
- the expertise of the French naval industry and the SMEs that are partners in the project, in order to allow them to access export markets:
- the number and expertise of sailors and maintenance technicians in the renewable marine energies industry.

CLEANER SEA AIR THANKS TO LAB'S MARINE SCRUBBERS

The so-called European 'sulfur' directive,

which aims to cut the amount of sulfur contained in vessels' emissions from 1% to 0.1%, came into force at the beginning of 2015 in the English Channel, Baltic Sea and North Sea. It applies not only to new vessels but also to those currently in service, which number almost one thousand in total, and represents a major challenge for maritime companies. In order to meet the requirements imposed by this new directive, the teams at LAB have developed marine scrubbers that are based on its own seawater-based scrubbing technology. The CNIM Group

subsidiary has had to take account of specific factors concerning the space available aboard vessels and the technical preferences of the maritime companies. Various forms of the product have been developed to fit ships of different sizes. It has also been fully automated, so that it can be used in both open and closed circuits, depending on whether the vessel is in port or at sea. In addition, these are the very first scrubbers to be made of composite material, which makes them lighter, easier to repair and particularly competitive. This new technology is being marketed under the registered trademark DeepBlueLAB®.



0.1%

OF SULFUR ALLOWED IN VESSELS' EMISSIONS BY THE EUROPEAN 'SULFUR' DIRECTIVE

ENVIRONMENT

CNIM designs, builds, commissions and operates household waste-to-energy and biomass-to-energy plants. Flue gases and combustion residues are treated by the systems produced by its subsidiary LAB. The Group develops projects for concentrated solar-power plants

CNIM is one of the leading European specialists in the household waste-to-energy and biomass-to-energy fields. The Group also treats hospital waste, water treatment plant sludge and green algae. CNIM's turnkey installations use its own technologies, which fulfill the strictest environmental standards. These installations include not only waste-to-energy plants, but also centers for sorting and recycling waste, and facilities for producing compost.

The operation and maintenance business promotes feedback and improvements to all the technologies deployed by the Group in the design and construction phases. CNIM provides assistance, refurbishment and environmental compliance services with a view to optimizing equipment performance, improving operational availability and reducing operating costs.

The subsidiary LAB is responsible for designing, optimizing, installing, commissioning, maintaining and refurbishing systems for treating the flue gases produced by waste-to-energy and biomass-to-energy plants, power plants and industrial boiler houses. LAB also treats solid (i.e. ash) and liquid residues arising from the combustion or treatment of flue gases so as to extract valuable constituent materials (such as ferrous, light or precious metals) or facilitate their safe disposal in landfill.

CNIM's Solar Energy Division has developed systems based on harnessing solar energy through an array of Fresnel mirrors. The Group positions itself as a full-spectrum supplier providing concentrated solar power plants on a turnkey basis, and can also act as a plant operator or licensee.

OUR CLIENTS

LOCAL AUTHORITIES, PLANT OPERATORS, PUBLIC SERVICE CONTRACTORS, PRIVATE INVESTORS AND PUBLIC AND PRIVATE SERVICE BUSINESSES.

236,150

MWh of electricity generated and sold on by the waste-to-energy plants operated by CNIM in 2014 149,000

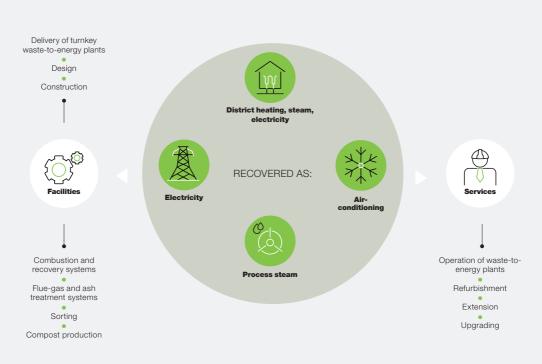
tonnes of CO₂ not released into the atmosphere by recovering energy and materials at eight sites managed in France and the UK

80%

reduction in the amount of process water consumed by the plant in Saint-Pantaléon-de-Larche

ENVIRONMENT SECTOR

Waste and biomass treatment







Environment

A RECORD YEAR

In 2014, six waste-to-energy and biomass-to-energy plants were delivered by CNIM: four in the UK, one in France and one in Italy.

UK

· Four Ashes (Staffordshire)

Delivery, to Veolia Environmental Services, of a plant built in partnership with the civil engineering firm Clugston. Two units with a capacity of 20 tonnes/hour treat 300,000 tonnes of household waste per year, generating 27 MWe. SecoLAB® flue-gas treatment supplied by LAB.

· Ardley (Oxfordshire)

Delivery, to Viridor, of a plant built in partnership with the civil engineering firm Clugston. Two units with a capacity of 19 tonnes/hour treat 300,000 tonnes of household waste per year, generating 25 MWe. SecoLAB® flue-gas treatment supplied by LAB.

· Ipswich (Suffolk)

Delivery, to SITA UK, of a plant built in partnership with the civil engineering firm Lagan. Two units with a capacity of 15.8 tonnes/hour treat 250,000 tonnes of household waste per year, generating 22 MWe. SecoLAB® flue-gas treatment supplied by LAB.

· North Hykeham (Lincolnshire)

Delivery, to FCC Environment, of a plant built in partnership with the civil engineering firm Clugston. One unit with a capacity of 19.2 tonnes/hour treats 150,000 tonnes of household waste per year, generating 12 MWe. SecoLAB® flue-gas treatment supplied by LAB.

ITALY

• Turin

Delivery, to TRM SpA, of a waste-toenergy plant built in partnership with the civil engineering firm Coopsette and the company Unieco. Three units with a capacity of 22.5 tonnes/hour treat 421,000 tonnes of household waste per year, generating 65 MWe. Dry flue-gas treatment supplied by LAB, with NOx emissions being treated through catalytic bicarbonate SCR.

FRANCE

· Nesle (Picardy)

Delivery, to the joint-venture company Kogeban, of a power plant fueled by its own biomass. It generates 16.2 MWe, and supplies energy in the form of steam to a nearby industrial company.











- 1 and 2. Ardley Oxfordshire, delivery to Viridor.
- 3. Nesle France, delivery to Kogeban.
- 4 and 7. Turin Italy, delivery to TRM SpA.
- 5. Ipswich Suffolk, delivery to SITA UK.
- 6. North Hykeham
 Lincolnshire,
 delivery to FCC
 Environment.
- 8. Four Ashes

 Staffordshire,
 delivery to Veolia
 Environmental
 Services.











INNOVATION & SYSTEMS

There are many synergies between CNIM and Bertin Technologies, and the complementary nature of their respective lines of activity and expertise allows them to offer a range of services encompassing studies, R&D, and the design and production of high-tech equipment and systems.

With 70% of their clients being shared between them, CNIM and its subsidiary Bertin Technologies work together closely in order to meet the technological and innovation requirements of the projects entrusted to them.

CNIM's Industrial Systems Division designs and supplies equipment for the defense industry, with CNIM notably being the supplier of the missile launch tubes for ballistic nuclear submarines. The Group manufactures land-based and maritime projection equipment, together with special vehicles. In the field of large scientific instruments, the Group is heavily involved in the Megajoule Laser and ITER projects: for the latter, it is currently producing 70 radial plates in partnership with SIMIC. CNIM is active throughout the nuclear cycle, i.e. from fuel enrichment and nuclear power generation right through to dismantling and waste processing. In 2014, it has expanded its range of cooling units, heat pumps and maritime systems.

Bertin Technologies and its subsidiaries draw on their proud history of innovative engineering to develop, produce and market services and equipment of great technological value. Their 500 employees, consisting mainly of top-ranking scientists and engineers, work in the following four principal areas: expert assessment and engineering, systems and instrumentation, information technologies, and pharmaceuticals and biotechnologies. The range offered by Bertin Technologies and its subsidiaries Bertin Pharma and Vecsys encompasses the entire innovation cycle.

OUR CLIENTS

MAJOR FRENCH AND INTERNATIONAL CLIENTS IN DEFENSE, SECURITY, RESEARCH, ENERGY, ENVIRONMENT, INDUSTRY (AERONAUTICAL AND SPACE, OIL & GAS, ETC.), AND LIFE SCIENCES.

7

radial plates were delivered in 2014 by the CNIM-SIMIC consortium, making it possible to construct a complete toroidal coil

1961

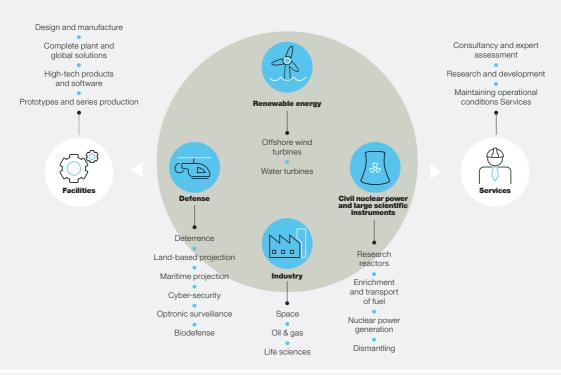
The year in which CNIM began providing deterrence solutions to the French armed forces

7

absorption chillers designed, manufactured and commissioned by CNIM to equip the JSD 6000, Petrofac's new deepwater derrick lay vessel

INNOVATION & SYSTEMS SECTOR

A multidisciplinary approach to industrial innovation



MAJOR ORDERS AND COMPLETED PROJECTS IN 2014

DEFENSE

• Deterrence:

- CNIM is installing missile launch tubes on board *Le Triomphant* (to be completed mid-2015); - the first of the two dock gates designed and manufactured by CNIM was commissioned in 2014.

· Maritime projection:

CNIM is responsible, until 2016, for maintaining the four L-CAT®s commissioned by the French Navy. The L-CAT® is a rescue and equipment/troop-landing vessel designed by CNIM.

Land-based projection and special vehicles:

CNIM is contracted to transport obsolete chemical weapons for

the French Directorate-General for Armaments (DGA). It first produced a prototype and then a first series production vehicle, with trials leading to its approval in 2014.

NUCLEAR POWER AND LARGE SCIENTIFIC INSTRUMENTS

- CNIM manufactures the radial plates for the ITER experimental reactor, and has reached the nominal required production rate of one plate every three and a half weeks.
- Areva TA has tasked CNIM with producing large components for the cell block forming the core of the Jules Horowitz Reactor.

 The Megajoule Laser was officially unveiled in October 2014 by the French Prime Minister, who fired the first experimental shot.

INDUSTRY

· Space:

CNIM has been awarded the contract to manufacture the structures of the first-stage nozzles for the Vega launcher.

SYSTEMS AND INSTRUMENTATION

• Bertin unveiled the Precellys® Evolution, its new homogenizer for biological samples, in September 2014.

INFORMATION TECHNOLOGY

 Vecsys, a subsidiary of Bertin, has signed a contract with a major UAE energy provider for rolling out LiveSpeech®, its new speech analytics product.

CONSULTANCY AND ENGINEERING

- **Bertin** builds the IONOPAC demonstrator, an absorption heat pump test bench.
- Yamal LNG has tasked Bertin with demonstrating the feasibility of the system for controlling ice in the Siberian port of Sabetta, and with sizing it.

ENERGY

CNIM offers industrial firms and public authorities a complete range of tailor-made equipment, systems and services for ensuring rational energy management. The Group's work is centered around an overall approach encompassing energy efficiency and reducing the environmental impact of its clients.

CNIM Babcock Services is the largest thermal power equipment refurbishment company in France. It specializes in the design, production and operational monitoring of such equipment, and works on all types and makes of boilers, whatever their fuel type. Its seven branches spread across France allow it to react very quickly and guarantee precise management of the human resources and equipment used. Through its centralized organizational structure, it operates both in France and internationally. Since 2012, CNIM Babcock Services has been active in the maintenance of nuclear facilities: after having obtained CEFRI certification, EDF awarded it UTO certification, which is essential for working in nuclear power plants.

Babcock Wanson, a leading player in the international arena, stands out through the highly advanced technical nature of its products and services intended for industrial boiler houses. From industrial boilers and burners, incinerators of gas effluents and volatile organic compounds, and water treatment right through to maintenance, refurbishment, rental, operational assistance and training services, the Babcock Wanson subsidiary helps its clients to maximize their energy production with products of proven quality and top-notch services.

OUR CLIENTS

POWER COMPANIES; PUBLIC AUTHORITIES; INDUSTRIES OF ALL KINDS, ESPECIALLY CHEMICALS, PETROCHEMICALS, FOOD, PAPER, PHARMACEUTICALS; PLANT OPERATORS; MAJOR SERVICES.

100,000

industrial **boilers** worldwide

1,000

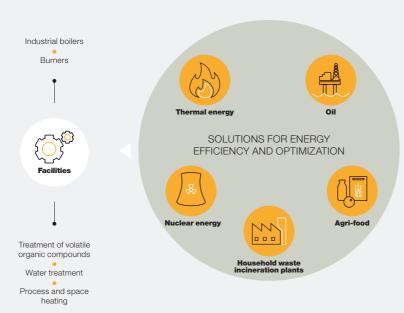
boiler rental reference sites worldwide

5,000

maintenance contracts worldwide

ENERGY SECTOR

Energy transition support





MAJOR ORDERS AND COMPLETED PROJECTS IN 2014

CNIM BABCOCK SERVICES RENEWAL OF MAJOR

- Servicing leaks at the power plant in Vitry-sur-Seine.
- Renewal of the EDF contract (Cordemais power plant).
- Renewal of the leak-servicing contract (EDF's Porcheville power plant).

ENCOURAGING NEW CONTRACTS IN THE

• Cattenom, Moselle: work on a condenser at the nuclear power plant, through a subcontract with Munch-Eiffage.

• Megajoule Laser (LMJ):

assembly work (under cleanliness constraints) and initial maintenance services.

BABCOCK WANSON FRANCE

• In France:

Wepa (paper), International Paper (paper), Total Petrochemicals, Croda (chemical products).

BABCOCK WANSON UK

• In Australia:

AutoBake Pty (automatic baking equipment).

• In the UK:

Total Oil UK, National Grid (power), Deltech Europe (coating products and resins).

BABCOCK WANSON ITALIANA

- In the Netherlands:
- Reputabel (installer).
 In Africa:
- Renco (oil & gas).
- In Spain:
- SRG Global (vehicle parts manufacturer).

BABCOCK WANSON

• In Spain:

Michelin, Pronat (agri-foods).

BABCOCK WANSON CALDEIRAS LDA

• In Portugal:

Sugalidal (tomato juice producer), SISAV (industrial waste treatment).

CNIM BABCOCK CENTRAL EUROPE (POLAND)

• In Poland:

Nestlé Purina, GEA (thermal system).

Main locations in France

La Seyne-sur-Mer

Waste-to-energy plants; complex mechanical systems and equipment for defense, nuclear power, research and industry; biomass boilers; thermodynamic solar power plants. Zone portuaire de Brégaillon - CS 60208 83507 La Seyne-sur-Mer Cedex Tel.: +33 (0)4 94 10 30 00

Fax: +33 (0)4 94 10 31 00

Household waste-to-energy plants 18, rue Grange-Dame-Rose - CS 50721 78457 Vélizy-Villacoublay Cedex Tel.: +33 (0)1 34 49 14 00

CNIM BABCOCK SERVICES

Refurbishment and after-sales service for thermal power equipment and waste-to-energy plants; boiler house installation 9. rue Francis-de-Pressensé 93210 La Plaine Saint-Denis Tel.: +33 (0)1 49 37 31 31 babcock@cnim.com

Paris/Île-de-France: Villepinte (93) Central/western France: Saint-Herblain (44) Eastern France: Ilzach (68) Northern France: Wattrelos (59) Rhône-Alps region: Chassieu (69) South-east France: Gardanne (13) South-west France: Le Barp (33)

CNIM Industrial Systems office

Nuclear (upstream and downstream) Cadarache office c/o Technoplus Industries ZAC Le Castellet - 6, rue Jules-Horowitz 13115 Saint-Paul-lez-Durance Tel.: +33 (0)4 94 10 33 27 Fax: +33 (0)4 94 11 15 91 vincent.gautier@cnim.com

Main subsidiaries in France

LAB

LYON

Le Sunway 259, avenue Jean-Jaurès - 69007 Lvon Tel.: +33 (0)4 26 23 36 00

Fax: +33 (0)4 26 23 37 70 lab@lab.fr

contact@bertin.fr

MONTIGNY-LE-BRETONNEUX

Flue-gas treatment systems

(Head Office) Consultancy and engineering, information technology, ergonomics Parc d'activités du Pas du Lac 10 bis, avenue Ampère 78180 Montigny-le-Bretonneux Tel.: +33 (0)1 39 30 60 00 Fax: +33 (0)1 39 30 09 50

saphymo@saphymo.fr

Parc d'activités du Pas du Lac 10 bis, avenue Ampère 78180 Montigny-le-Bretonneux Tel.: +33 (0)1 69 29 87 87 Fax: +33 (0)1 69 07 58 58 contact@vecsys.fr

Bertin Pharma

MONTIGNY-LE-BRETONNEUX

(Head Office)

Pharmaceutical development/Laboratory reagents and bioanalysis equipment Parc d'activités du Pas du Lac 10 bis, avenue Ampère 78180 Montigny-le-Bretonneux Tel.: +33 (0)1 39 30 62 60 Fax: +33 (0)1 39 30 62 99 info@bertinpharma.com

Bertin Technologi

AIX-EN-PROVENCE

Electronic and optical systems Pôle d'activités d'Aix-en-Provence 155, rue Louis-Armand - CS 30495 13593 Aix-en-Provence Cedex 3 Tel.: +33 (0)4 42 60 46 00 Fax: +33 (0)4 42 60 00 13 contact@bertin.fr

Bertin Technologies

TARNOS

Energy, environment, process engineering Espace technologique Jean-Bertin 19, rue Hélène-Boucher - 40220 Tarnos Tel.: +33 (0)5 59 64 86 48 Fax: +33 (0)5 59 64 49 64 contact@bertin.fr

Bertin Pharma

ARTIGUES-PRÈS-BORDEAUX

Pharmaceutical formulation and development Avenue Gav-Lussac - ZI Artiques 33370 Artigues-près-Bordeaux Tel.: +33 (0)5 57 02 19 20 Fax: +33 (0)5 57 02 19 30 info@bertinpharma.com

Bertin Pharma

MARTILLAC

Pharmaceutical formulation and development Technopole de Montesquieu 4, allée François-Magendie - 33650 Martillac Tel.: +33 (0)5 57 96 09 10 Fax: +33 (0)5 57 96 09 45 info@bertinpharma.com

Bertin Pharma

ORLÉANS

ADME/Bioanalysis

10. avenue Claude-Guillemin 45071 Orléans Cedex 2 Tel.: +33 (0)2 38 76 20 60 Fax: +33 (0)2 38 76 20 59 info@bertinpharma.com

SAINT-AUBIN

(Head Office)

Systems and instrumentation for the nuclear industry, Track & Trace 25. route de l'Orme Parc des Algorithmes, Bât. Esope 91190 Saint-Aubin Tel.: + 33 (0)1 69 53 73 00 Fax: +33 (0)1 69 53 73 01

MONTIGNY-LE-BRETONNEUX

Babcock Wanson France

Industrial boilers, air and water treatment, associated services CHEVILLY-LARUE 106-110, rue du Lt-Petit-Le-Roy 94669 Chevilly-Larue Cedex Tel.: +33 (0)1 49 78 44 00 Fax: +33 (0)1 46 86 14 16 commercial@babcock-wanson.fr

NÉRAC

Head Office, manufacturing facility and Service Management 7. boulevard Alfred-Parent, BP 52 47600 Nérac Tel.: +33 (0)5 53 65 19 00 Fax: +33 (0)5 53 65 17 33

Central/Paris/northern France

commercial@babcock-wanson.fr

Paris branch in Chevilly-Larue (94) Rouen branch in Maromme (76)

Central/eastern France

Nancy branch in Heillecourt (54)

Western France

Rennes branch in Vern-sur-Seiche (35)

South-east France

Lyons branch in Chassieu (69) Technic Fluides office in Châteauneuf-les-Martigues (13) Office in Aimargues (30)

South-west France

Branch in Nérac (47)

Technic Fluides office in Payrin (81)

Main subsidiaries worldwide

ENVIRONMENT SECTOR

GERMANY

LAR GmbH

Systems for treating flue gases and ash Bludenzer Strasse 6 - 70469 Stuttgart Tel.: +49 (0) 711/222 49 35 -0 Fax: +49 (0)711/222 49 35 -99 labgmbh@labgmbh.com

AZFRBALJAN

Operation of a household wasteto-energy plant Rasul Rza str. 19 AZ 1095, Baku Tel.: +994 12 310 05 05 Fax: +994 12 310 05 08

CNIM UK

Household waste-to-energy plants 116-118 Chancery Lane London WC2A 1PP Tel.: +44 207 430 93 62 Fax: +44 207 831 07 17 cchary@cnim.com

Dudley Waste Services Ltd Hanford Waste Services Ltd

Wolverhampton Waste Services Ltd

Operation of household wasteto-energy plants Crown Street - Wolverhampton

West Midlands, WV1 1QB Tel.: +44 190 235 28 64 Fax: +44 190 245 10 69

MES.E (MES Environmental Limited)

Household waste-to-energy plants Crown Street - Wolverhampton West Midlands, WV1 1QB Tel.: +44 190 235 28 64 Fax: +44 190 235 20 52

RUSSIA

CNIM Moscow

CNIM's representative office in Moscow 24 str. 2 Troubnikovskiy per, appart. 50 121069 Moscou

Tel./Fax: + 74 95 697 65 80

info@cnimrus.ru

SAUDI ARABIA

CNIM Saudi

Household waste-to-energy plants P.O Box: 8343 Jeddah 21482 Tel.: +966 12 66 74 393 Fax: +966 12 66 77 870 contact@cnim.com

BAHRAIN

Bahrain Waste Services Ltd./

CNIM Bahrain Ltd.

Household waste-to-energy plants Bab Al Bahrain Building Suite nr. 1 150 Government Avenue Manama 315 contact@cnim.com

INNOVATION & SYSTEMS SECTOR

GERMANY

Systems and instrumentation for the nuclear industry Heerstrasse 149 D - 60488 Frankfurt am Main Tel.: +49 69 976 514 0 Fax: +49 69 765 327 sales@saphymo.de

CANADA

CNIM Canada Inc.

Escalators and moving walkways (installation and maintenance) 5530, rue St-Patrick, Unité 1108 - 7 Montréal, Qc H4E 1A8

Tel.: +1 514 375-0749 alain.bouthillier@cnim.com

CHINA

Complex mechanical systems, facilities for the defense, nuclear, research and industrial sectors. Sane Road, Cangliang Industrial Park, Gaoming District, Foshan City Guangdong, China (PC 528500) Tel.: +86 (0) 757 886 200 88 Fax: +86 (0) 757 886 203 03 daniel.manso@cnim.com

USA

Bertin Corp.

Laboratory equipment and bioreagents, solutions for detecting NRBC threats 155 Gibbs Street, n° 533 Rockville MD 20850 USA Tel.: +1 301 339 8103 info@bertin-corp.com

ITALY

Systems and instrumentation for the nuclear industry Vico Chiuso Paggi 4/11

16126 Genova Tel.: +39 010 2512978 Fax: +39 010 2512114 mail@saphymoitalia.com

SINGAPORE

CNIM Singapore Private Limited

Escalators and moving walkways (installation and maintenance) 2 Kallang Avenue CT Hub #07-23/24 Singapore 339407 Tel.: +65 6444 6455 Fax: +65 6444 6445 communication@cnim.com

ENERGY SECTOR

SPAIN

cock Wanson España

Industrial boilers, air and water treatment. associated services Carretera Bilbao - Plentzia, 31 Edificio Inbisa - Planta 1a - Dpto 107

48950 Erandio (Bizkaia) Tel.: +34 944 523 036 Fax: +34 944 523 054

comercial@babcock-wanson.es

USA

Incineration of gas effluents and odors 10322 NW Prairie View Road Kansas City, Country of Platte 64153 MO Missouri, USA Tel.: +1 816 880 93 21 info@babcockwanson-usa.com

ITALY

Babcock Wanson Italiana

Industrial boilers, air and water treatment,

associated services. Via Roma 147 20873 Cavenago Brianza - Milan Tel.: +39 02 95 91 21 Fax: +39 02 95 01 92 52 bwi.dir@bwi.it

MOROCCO

abcock Wanson Maroc

Industrial boilers, air treatment, thermal power plant refurbishment, water treatment, associated services. Route Côtière III Km 12400 - 28 632 - Aïn-Harrouda Mohammedia Tel.: +212 522 67 01 60 Fax: +212 522 35 23 09

POI AND

NIM Babcock Central Europe

contact@babcock-wanson.ma

Industrial boilers, air and water treatment, associated services. Gliwice Office UI. Kosciuski 1c - 44100 Gliwice

Tel.: +48 32 230 6894 Fax: +48 32 232 7160 info@cnim.pl

PORTUGAL

k Wanson Caldeiras Lda

Industrial boilers, air and water treatment,

associated services. Rua Gonçalves Zarco, 1843/1867 Salas B e J 4450-685 Matosinhos Tel.: +351 229 999 490 Fax: +351 229 999 659 bwc@babcock-wanson.com

Lisbon Office

Rua Prof Dr Jorge Mineiro 16, 1°B, Queluz de Baixo 2730-146 Barcarena Tel.: +351 218 049 017 - 216 036 002 bwc@babcock-wanson.com

Babcock Wanson UK Ltd

Industrial boilers, air and water treatment,

associated services. 7 Elstree Way - Borehamwood Hertfordshire WD6 1SA London

Tel.: +44 208 953 7111 Fax: +44 208 207 5177 info@babcock-wanson.co.uk

Babcock Wanson Tunisie

Industrial boilers, air and water treatment, associated services. Route Ezzahra, Cité El Oulija, Rades, Ben Arous Tel.: +216 32 400 167 Fax: +216 32 400 167

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Constructions Industrielles de la Méditerranée



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Société anonyme having a Management Board and a Supervisory Board with share capital of €6,056,220

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