#### Worldwide Leader

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## **Connected to** ... REPRODUCTION BIOTECHNOLOGIES

















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For over 50 years, we have led the way in artificial insemination technology. We continue to create state-ofthe-art techniques for breeders and insemination centers around the world. Our researchers stay one step ahead, working tirelessly to develop new and advanced artificial insemination reproduction biotechnologies. While innovation is one of our core values, creating strong and lasting relationships with our partners is as well. Today, we operate in 120 countries, providing customers with ongoing support and high quality products and services. We work with our clients to innovate, create and thrive.





#### THE "FRENCH STRAW"...

Innovation is in our DNA. Robert Cassou founded IMV Technologies in 1963, after developing the revolutionary "French straw". The device forever changed the way breeders stored semen and artificially inseminated livestock. Since then, we have developed a wide range of high quality insemination products and advanced biobanking solutions. While we are best known for our work with cattle, pigs, poultry and horses, we have also developed innovative technology for a host of other species. For more than half a century, we have remained committed to helping breeders improve their herds and increase efficiency.







# Connected to

We are inspired by innovation. That is why we invest heavily in research. Our team serves the needs of our clients by creating revolutionary products, and enhancing solutions to further automate insemination centers and biobanks. We are committed to making our clients' jobs easier, by researching new ways to simplify the entire reproduction process. IMV is constantly developing improvements in material and design for our consumable and preservation products. Our commitment to innovation has allowed us to respond to market needs and stay at the forefront of artificial breeding technology.





## OUR DRIVER... INNOVATIVE SOLUTIONS

At IMV, new ideas turn into real products and services. Our dedicated R&D team includes highly trained veterinarians, biologists, chemists, engineers and designers. We work alongside our clients to create the industry's most innovative technology. Our research, electronic and prototyping departments apply rigorous testing to all of our products from start to finish. We also work with the French National Institute for Agronomic Research (INRA) along with many universities worldwide, to develop new knowledge and expertise. So far, we have registered 233 patents and 60 patent families around the world.









#### THE VALUE OF TRAINING...

We understand the value of providing customers with the know-how and expertise to excel. IMV supplies its clients with global training catered to their industries (cattle, pig, poultry, horse, rabbit, goat, fish, dog, cat and camel). We also monitor progress and come up with solutions to reallife problems. Our training team is equally committed to our clients abroad. In eastern Africa, we recently co-created an artificial insemination training center designed to assist local business owners, breeders, and lab technicians. This is just one of the many initiatives we have on the go.





# Connected to

By combining our scientific and industrial knowledge, we have come up with innovative technical and material solutions for breeders. Our expertise in plastics, mechanics, micromechanics, automation control and biochemistry has allowed us to create full lines of packaging products and equipment specially adapted to a range of markets around the world. Thanks to these solutions, our clients are able to bring to market high performance products and improve efficiencies. IMV's artificial insemination and embryo transfer solutions are used in a wide range of species, from farm animals to wild animals and pets.







## HISTORICAL EXPERIENCE WITH CATTLE

IMV is recognized in bovine reproduction for half a century. A large part of the world's cattle breeders use our artificial insemination and embryo transfer solutions. We have set the industry standard in semen collection, analysis, packaging, freezing and insemination. IMV is committed to helping cattle breeders improve the quality of bull sperm in order to maximize fertility. Every year, hundreds of millions of doses of bull semen are produced using our technology. We aim to further increase efficiency and help our clients produce the highest quality product.





## STRONG PRESENCE IN SWINE...

Since the 1990s, IMV has expanded its research to include pigs. We now supply a quarter of the world's swine breeders with our technology. To meet the demands of our clients, we have designed a range of specialized and safe solutions for artificial insemination. Our products and services improve efficiency and increase profitability for pig breeders. By working with swine insemination centers, we have developed a full line of innovative products, such as Goldenpig<sup>®</sup>, TRIXcell<sup>®</sup> and packaging systems using our GTB concept. GTB machines enable extreme precision when producing semen doses. They are simple to use and easy to clean, allowing for the safest environment for packaged semen. Yet another example of IMV's high performance equipment!





#### A PASSION... EQUINE

IMV is based in Normandie, so it is only natural that we work with horses. The region has a long history of equestrian centers, stables and stud farms. Over the last 25 years, we have worked alongside local horse breeders to develop innovative artificial insemination technologies. Our partnership with the French National Institute for Agronomic Research (INRA) helped us to develop unique products like INRA 96, the equine extender most used in the world. Every year, more than 180 000 foals are born thanks to our technology. We are proud to be the supplier of choice to many of the most prestigious stud farms, from the Middle East to Australia, and from the US to China.



### CAMELS... NEW ADVENTURE!

What unique treasure do these animals possess? Their milk! Camel milk is a source of protein and vitamin C, without being a fatty food. In addition, this precious liquid does not trigger any allergies. Working with camels artificial insemination is an important challenge. This promising species has attracted the eye of science and also that of IMV Technologies. We support breeders in this field and create state-of-the-art technologies to develop an emerging new food source in several countries.







..... Turkeys



..... Sheep .....



..... Rabbits



..... Dogs



......Salmonids

CARING FOR MANY SPECIES...

We are as dynamic as we are diverse. IMV may be best known for bovine or porcine reproduction, but we also contribute to the successful breeding of many other species. We serve clients who specialize in poultry, companion animals, fish, goats, sheep and wildlife. IMV's technology is used in the world's largest turkey farms. Our field-tested techniques are being employed by dog, cat and rabbit breeders. We also offer services to fish farms, particularly trout and salmon farms. And we relentlessly develop our ovine and caprine artificial insemination technology. One of our most innovative product is OVIXcell<sup>®</sup>, which preserves goat and sheep semen better than any alternative. No matter the species, we have the solution.



## ENDANGERED LIVES PROTECTED...

One of our main goals is to help save animals from becoming extinct. We help to maintain valuable repositories of specimens including rare species by providing solutions that have helped to conserve biological materials from hawks, exotic fish, the Ethiopian wolf and others. We deliver reproduction technologies in a responsible way. IMV is committed to sustainable development. We work to reduce our carbon footprint, build trust with local communities and protect endangered animals. Our team has created biodegradable products and developed a responsible purchasing policy and proactive waste management plan.





## Connected to

Building on our extensive experience and expertise in animal reproduction, we set up **CryoBioSystem** in 1987 to focus on human beings. This division is part of our biobanking initiative. Under its aegis, we are continually designing innovative high security products for the cryopreservation of human biological samples. Present in more than 60 countries through our five subsidiaries located in the US, India, Italy, Netherlands and China, this division works with reproductive biology laboratories as well as human oocyte and sperm conservation centers. These partnerships are vital for meeting all the needs of professionals in these fields.





#### INNOVATING FOR HUMAN FERTILITY...

IMV Technologies is committed to supporting human fertility. Our expertise and achievements in the field of animal reproduction have inspired us to offer solutions for humans via Assisted Reproduction Technologies (ART). Enabling the freezing of sperm, embryos, the ovarian cortex and also the vitrification of oocytes and embryos at different stages of their development, our subsidiary CryoBioSystem has designed a unique high-security concept for long-term cryopreservation. It guarantees security in our full range of products intended for human application.





#### GROUNDBREAKING SOLUTIONS FOR BIOBANKING...

More than 20 years ago, we established a new specialty the cryopreservation of human biological samples. Also called "biobanking", this technology helps scientists ensure the preservation and survival of cell life. At every step, delicate biological samples must remain intact. We created CBS<sup>™</sup> High Security straws and tubes to optimize the cryopreservation of valuable samples. It is used in various areas, including biological tissue banks, the packaging of vaccines, and sperm banks. CryoBioSystem solutions are driven by quality, safety and traceability. But we do not rest on our laurels. Our research continues today and our R & D team continues to push the frontiers of biological sample preservation.







## **Connected to** ... SUSTAINABLE DEVELOPMENT

Our pioneering spirit in technology is matched by our commitment to human and environmental values. Our production site is a prime example with 1,700 square meters of solar panels and meticulous energy management. Our strategy is to raise employee awareness and ensure that our business considers the impact we have on the environment in everything that we do. It is essential that we live and breathe the values that are important to us and our clients. We continually monitor our impact to ensure we stay in line with our own strategic approach and also make a strong contribution to a sustainable economy over the long term.







## DEDICATED TO OUR EMPLOYEES

Built in accordance with High Environmental Qualities (HEQ) criteria, our headquarters and production site in L'Aigle demonstrate our commitment to sustainable development. But our pledge does not stop there. We are dedicated to the wellbeing of our employees, who are indispensable to the evolution of our company. Respect for human rights, the prevention of discrimination, and equality for all are key values that served as references for our Supervisory Board, our Management Board, and the Executive Committee in their realization of a code of ethics. The optimal working environment and our social commitment combine to assure health and comfort for our workforce.





#### **GOING GREEN**

IMV Technologies sees the world through green-colored glasses. To educate our employees about environmental issues we have created the "green team". Their role is to encourage daily, ongoing discussions on the best actions to take to reduce our impact on the environment. What else? We strive to limit our annual carbon footprint, to constantly educate our employees, and to incorporate eco-friendly design principles into our products. The biodegradable gloves we have developed are one example of our commitment to sustainable development. We innovate keeping the "green" spirit.

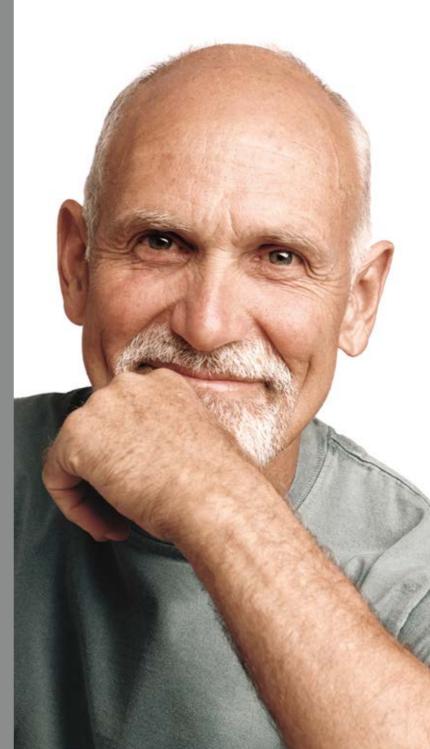
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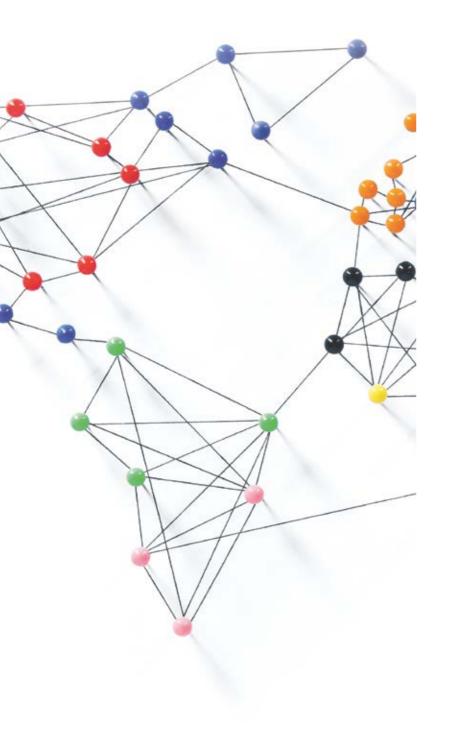


## Connected to

People are our source of inspiration and our biggest strength. As a leading company, we promote an environment for the development and performance of each person directly or indirectly involved (researchers, employees and clients). We support professionals by delivering cutting-edge solutions and global service. That is why it is essential to share the experiences of breeders day in and day out in order to adapt our innovative processes to satisfy their needs. The ultimate performance of our solutions and facilitate access to food for a growing population.







#### FOCUSING ON CUSTOMER SUPPORT

We are never far away, through our five subsidiaries and our distributors located in 120 countries around the world. Everywhere, and at any time, we are present for breeders! Meeting the demand of professionals, we offer support around the clock, in all languages, with specialists available to answer customer needs. Our team consists of 20 technicians wor-Idwide for maintenance, installation and support (In France, Italy, India, China, US, Argentina and Brazil). Our goal is customer satisfaction, which is why we place our unique expertise at the service of professionals to avoid interruption in their work. IMV Technologies offers comprehensive solutions to fully satisfy those in the reproductive field.



#### **QUALITY IS A DOGMA...**

At IMV, we constantly monitor the quality of our products, services, processes and even our facilities. Our new plant based in L'Aigle is in compliance with international standard (especially Quality Management System) ISO 9001:2008 and medical standard ISO 13485:2003. Our medical devices, such as the CBS high security straws, have received FDA 510(k) premarket notification clearances and are CE marked. As you can see, quality is omnipresent. We are committed to meeting and exceeding our customers' expectations. We are recognized as a reliable and responsible market leader.





### CONTRIBUTE TO FEED PEOPLE SUSTAINABLY

A real challenge and a key driver for IMV. We are committed to a future in which a greater percentage of the world's population has easy access to food. By creating innovative solutions in reproductive biotechnologies, we help to increase animal fertility and thus livestock productivity worldwide. Such new technologies also help preserve the genes of local breeds. That is why we train and assist farmers around the world in new insemination techniques. IMV strives to play an important role, with a true global awareness. Investing in the future, IMV Technologies is on a mission for life!





