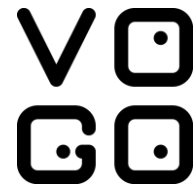


# Press release

Montpellier, 18 January 2022



## New consortium created to meet the global challenges around the prevention and detection of concussion in sports

**VOGO (ISIN code: FR0011532225 - Ticker: ALVGO) announces the creation of a multidisciplinary consortium focused on the development of innovative solutions for the prevention and detection of concussion in sports. VOGO is the leading actor in this consortium, created to respond to a global public health issue and ensure the safety of those who play sports all over the world, whether amateurs or professionals.**

**Our collective goal is to create a sector of excellence in France, bringing together players with established expertise from the spheres of sport, academia, medicine, industry and technology. Several leading sports clubs and federations have already joined the initiative.**

**The centre of excellence will integrate new members to support the partners already on board in the various fields of expertise.**

### **Vogo: a pioneer in innovation around the detection of concussion**

Vogo has always put the health and protection of sports people at the centre of its solutions, developing video technologies for professionals to optimise the effectiveness of existing protocols for the detection of concussion when it occurs during the practice of sports. This expertise is borne out in the partnerships it has built with the National Rugby League for more than five years in the Top 14 and Pro D2 championships.

On foot of that experience, a new goal rapidly emerged: imagine an integrated turnkey solution that detects and supports the treatment of concussion in both professional and amateur sports across all team (football, rugby, etc.) and individual (horse riding, cycling, board sports, judo and other combat sports, etc.) disciplines.

Clubs and federations were immediately on board, including the Catalan Dragons XIII rugby league club, the French Football Federation, the French Judo Federation, the Ile de France Regional Rugby Union and the French Rugby Federation.

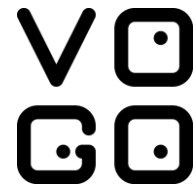
### **A global public health issue**

Five million athletes face the risk of a concussion in France and 100 million in Europe and the United States, where the medical authorities have labelled it a "national scourge". Contrary to popular belief, concussion occurs in most team sports and is particularly prevalent among women and young players under 20. All too often, the medical and economic consequences are severe for the individuals concerned and the broader community.

It has therefore become a matter of priority to find solutions that can increase the detection of lesions alongside existing protocols, while developing research in best practices to minimise accidents. This

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sense of urgency is widely shared by medical officials, federal organisations and sports people in a context of growing media coverage and an increase in scientific data around the subject.

## **A consortium mobilised to develop a sector of excellence in France**

The aim of the consortium is to develop an innovative solution that facilitates decision-making by medical personnel and stakeholders on the pitch. The solution must be easy to use and deploy in order to improve the rate of detection of concussion and related management as a complement to existing protocols, with follow-up over time, so that players concerned can return to their activity under the safest possible conditions.

## **Combining cutting-edge expertise from the scientific, industrial and technological spheres**

In the academic and research space, the consortium will be able to draw on leading-edge research and innovation from the CNRS via the Sys2Diag laboratory <sup>1</sup> (CNRS / ALCEN) in the field of medical diagnostics; expertise in biomechanical modelling of impacts and consequences from the Institut de Biomécanique Humaine Georges Charpak (ENSAM); the know-how of Professor Decq's teams at the Assistance Publique - Hôpitaux de Paris, practicing at Beaujon hospital of neurosurgery and concussion, and associated with the epidemiology and biostatistics department of Bichat hospital; and the cognitive neuropsychology and neuroscience skills of the PSITEC laboratories of the University of Lille and VAC of the University of Paris.

This research work will be promoted by the various industrial and technological partners. As leader of the consortium, Vogo will bring its know-how in video and audio signal processing for the study of impacts, Move in Med, for its capacity to aggregate all results and diagnostics, and SkillCell, building on its experience on the EasyCov project to conceive portable and rapid testing solutions.

Pascal Saguin, Deputy CEO of Vogo and representative of the consortium, says:

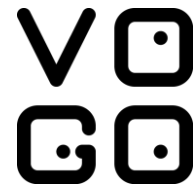
*"Already a pioneer in the detection of concussion in professional sports, we are today taking this commitment a step further with a highly promising initiative for sports people around the world. The complementary expertise offered by the consortium and the rapid mobilisation of clubs and federations pave the way for the development of innovative solutions to better address this global health issue and its related risks. We are proud to be the driving force behind this shared adventure, with partners whose expertise and enthusiasm provide a solid foundation for success".*

<sup>1</sup> This laboratory specialises in innovation for diagnostics in biology. Its interdisciplinary approaches have led to various innovations in the global health sphere (medical, environment, nutrition, etc.).

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## About the consortium:

In the Sports sector, **VOGO** is a leading international player with its audiovisual solutions for fans and professionals alike, through its two flagship brands: VOGOSPORT and VOKKERO. For professionals, VOGO offers analysis and decision-making tools (referee assistance, medical diagnostics, coaching). VOGO's disruptive solution for fans transforms the stadium experience by providing multi-camera content on demand for tablets and smartphones, no matter how many people are connected. VOGO also operates in the Industry and Healthcare sectors. All of the Group's technologies are patent-protected. VOGO operates in France (Montpellier, Paris and Grenoble) and in North America, with an office in New York. It operates indirectly in other countries through its network of 35 distributors. The Group has been listed on the Euronext Growth stock market since November 2018 (ISIN code: FR0011532225 – ALVGO). It also joined the European Tech40 in 2020.

For more information: [www.vogo-group.com](http://www.vogo-group.com)

**SkillCell**, a subsidiary of ALCEN, develops diagnostic tests that anyone can use, wherever they choose, whenever they want. Founded in Guadeloupe in 2017, the company has offices in Jarry (Guadeloupe), Paris and Montpellier. The SkillCell team brings together scientific experts and seasoned manufacturers to find solutions to medical and societal diagnostic testing issues by providing relevant, high-quality information that allows users to make well-informed choices with full transparency.

For more information, see: [www.skillcell-alcen.com](http://www.skillcell-alcen.com)

Contact: [presse@skillcell-alcen.com](mailto:presse@skillcell-alcen.com)

**Move in Med** was founded in 2016 by Sylvie Boichot and Sophie Gendrault to provide support for healthcare facilities and optimise care plans by offering integrated solutions that include strategic support and digital tools. Based on knowledge of the sector and its UNIQ digital care coordination platform, Move in Med decompartmentalises the health and medico-social spheres by allowing each player access to clear summarised information on the patient's plan. Having established a care project around senology, the company today covers nearly 20 pathologies. To date, Move in Med has supported 150 medical teams comprising 50,000 healthcare professionals and 15,000 patients by working alongside them to co-build its digital healthcare solutions.

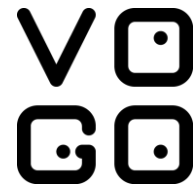
**Institut de Biomécanique Humaine Georges Charpak** (Arts et Métiers Sciences et Technologies, Sorbonne Paris Nord University), was inaugurated on 21 November 2013 by Professor Wafa Skalli under the banner of complementary interdisciplinary collaboration and in particular around the exceptional link between clinicians and engineers; it is a unique place dedicated to human biomechanics. It follows in the footsteps of the EMSAM Laboratory of Biomechanics (LBM) created in 1979 by Professor François Lavaste. Mechanics, orthopaedic surgeons, neurosurgeons, imaging specialists, physiologists, control engineers, radiologists and physicists all come together in a shared scientific space to better understand the mechanisms of injury and to help design and improve methods for prevention, diagnosis and therapeutic management.

**CNRS**, the French National Centre for Scientific Research is one of the most widely recognised and popular public research institutions in the world. For more than 80 years, it has recruited researchers to meet the highest levels of excellence and has developed multi- and interdisciplinary research throughout France, Europe and the world. Working for the benefit of society, it contributes to the scientific, economic, social and cultural progress of France. The CNRS employs 32,000 women and men and covers 200 professions. Its 1,000 laboratories, mostly shared with universities, schools and other research organisations, advance knowledge by exploring living things, matter, the universe and the functioning of human societies. It is a key player in innovation through the close links it weaves between its research activities and their transfer to society. The establishment of partnerships with companies is a core element of its strategy. It operates through nearly 170 structures shared with industrial players and through the creation of around a hundred start-ups each year, testifying to the economic potential of its research work. The CNRS makes its research work and data accessible to the scientific communities, the media, decision-makers, economic players and the general public.

For more information, see: [www.cnrs.fr](http://www.cnrs.fr)

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**AP-HP, Assistance Publique – Hôpitaux de Paris** is a public health establishment and the university hospital centre of the Ile de France region, made up of 39 hospitals. 100,000 people (doctors, researchers, paramedics and administrative staff) work there, making it the largest employer in Ile de France. Beaujon Hospital is an AP-HP hospital which houses the most important trauma centre in Ile de France. Its neurosurgical department has recognised expertise in the management of brain traumatology, in particular in mild brain injury within a network in association with the physical medicine and rehabilitation department of Raymond Poincaré hospital in Garches. In this area, it has gained particular expertise in cerebral injury in sports (concussion) over the last ten years, working in collaboration with many sports unions.



[vogo-group.com](http://vogo-group.com)



[VOGO](https://twitter.com/VOGO)



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