



Sports and Leisure

Sport in mind



Key figures

Rhône-Alpes: France's No. 1 region for sport and leisure activities

4,000 to 5,000 employees

15,000 jobs generated

Turnover > € 3bn

70 % for export

Fields of excellence

- Health Sport
- Sport and design
- Leisure and Outdoor Sports

Applied to equipment, accessories and individual protection

At the crossroads of 3 industries:

- technical textiles
- mechanical engineering
- plastics and composite materials

ECONOMIC PLAYERS:

Leisure: Desjoyaux, Obut
Cycling: Ateliers du haut Forez, Belleri Formetubes, Cera France, Chapal, Cycles Mercier France Loire, Cycles Olympique, DJ Méca, Eches, Ferriol Matrat, France Rayons, Mach1, Mécanotubes, Stronglight, Valette et Gaurand

Outdoor activities: Bel maille, Christmas's, Edelweiss, Vertical, Raidlight

Sports and medicine: Alpex, Berthéas, BV sport, Ganzoni France, Gibaud, Marcoux Lafay, Richard Frères, Tecmachine (HEF Group), Thuasne

Sports goods and equipment: JSD, Sveltus, Tecpack, Duarig

Guns: Bretton France, Darne-Bruchet, Garnier Armurier, Manufrance, Match Chapuis, Verney-Carron

Motor racing: Dover Chambon, Intertechnique, MTS

Sports-related services: HPA Sport et Développement



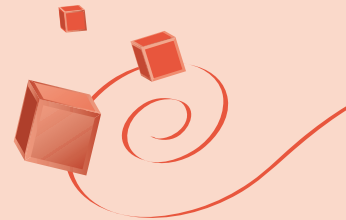
M. LAVAL

Raidlight Mr Laval (CEO)

Raidlight is a brand of sports products, launched 7 years ago. We design, manufacture and market clothing, rucksacks and sticks for racing and hiking. We sell online and our products are referenced in major stores such as

Le Vieux Campeurs or Nature et Découvertes. Our innovation capacity relies on the Sporaltec Competitivity cluster – in fact our plan is a pilot project. Our turnover has reached €1.5m and we enjoy an annual growth rate of

35%. The Loire area offers a major advantage: quality of life. We are located in the countryside but we can reach Paris and the Alps easily.



Training and research

- **École Nationale Supérieure des Mines de Saint-Étienne (Graduate school for science and technology):**
Centre for Health Engineering
- **Jean Monnet University of Saint-Etienne:**
IRMIS (Regional Institute for Medicine and Sports Engineering)
LPE Lab (Laboratory for Exercise Physiology)
Master Degree specialised in Physical Activity Ergonomics, Product Design and Engineering (with Savoie University)
"Exercise Sport Health Disability" Research Master Degree
3 Health Science and Technology Degrees, with a STAPS (Science and Technology of Sports and Physical Activity) mention
- **School of Art and Design of Saint-Etienne**
- **ITECH and ISTIL Engineering Schools (Roanne)**
Textile Technical and Functional professional degree
- **Technical Centres:**
CETIM Saint-Etienne (Technical Centre for Mechanical Industries)
CTC Groupe Lyon – Technical Centre for the Shoe and Leather Industry
IFTH (French Institute for the Textile and Clothing Industry)
ITECH (Lyon Textile and Chemicals Institute)

The Network:

- **Sporaltec:** As a Competitiveness Cluster, Sporaltec groups together businesses, university research labs and technical centres with the aim of encouraging innovation and collaboration
- **IRMIS (Regional Institute for Medicine and Sports Engineering)**
- **Saint-Etienne Medical Technology Centre**
- **Cité du design**
- **Loire numérique**
- **Rhône-Alpes Mountain-related Industry Cluster**
Competitiveness Clusters: ViaMéca, Techtera, Plastipolis

Useful links:

- www.sporaltec.fr
- www.expansion42.com
- www.ifth.org
- www.techtera.com
- www.rfis.fr
RFIS (French Network for Sports Engineering)
- www.fifas.com FIFAS (French Federation of Sports and Leisure Industries)

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Alain BELLI

Alain Belli Vice-President of SPORALTEC

The vocation of the Regional Institute for Medicine and Sports Engineering (IRMIS) is to group together, on a 1,732 m² campus, the University Laboratory of Exercise Physiology for basic research, the Sports Medicine hospital service for monitoring the health of high level athletes, the Sporaltec Competitiveness Cluster and two technical Centres (CTC – Technical Centre for Leather and IFTH – French Institute for

the Textile and Clothing Industry) for industrial development of sports, leisure and health equipment. Two new technological platforms are also available to these actors: biomechanical and bioclimatic. This unique structure in France enables a close association of basic and applied research, and also training in sport, leisure and health.

THE MAIN ACTIONS:

- The in-vivo bioclimatic platform: enables human testing of protective equipment effectiveness in climate controlled atmosphere
- The Biomechanical Platform aims to provide facilities to test the mechanical performance of sports and protective equipment on humans
- GIE (Sport Services Economic Interest Group)
- International Development Plan for Leisure and Sports Businesses
- Some examples of labelled collaborative R&D projects:
 - smart textiles in extreme conditions
 - prevention of sprains for sports people
 - introduction of nanomaterials in leather,
 - technical and ultra light textiles