GetBack
Protective sports and mobility clothing

No passive protective clothing has been developed specifically for cyclists and skiers and existing solutions tend to be highly restrictive and unpopular. In light of new mobility challenges and the increasing societal importance of sport, GetBack Sports has teamed up with the Carnot STAR Applied Biomechanics Institute to reinforce the scientific dimension of its product development.
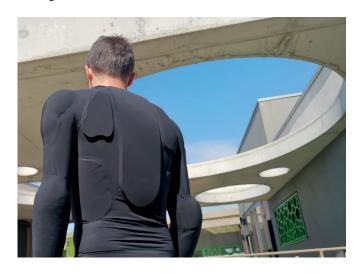
Carnot STAR Institute

Scientific / technological breakthrough

Accident data (the different ways in which people fall) and injury reports are precious resources for developing better products. The expertise of Carnot STAR Applied Biomechanics Institute – focused on "the Virtual Man" – helps gain an understanding of injuries and how to prevent them more effectively. Digital test stands and simulation applications have been instrumental in optimising the choice, shape and thickness of shock absorption materials.

These resources have enabled us to develop products that are much better adapted to our target activities, namely low- or non-motorised sports and mobility.

We convert the initial intuition concerning the first prototypes into scientific proof on products brought to market.

Competitive advantage for the economic stakeholders

"The scientific and technical partnership between GetBack Sports and Carnot STAR Applied Biomechanics Institute focuses on high-end protective solutions in the cycling and skiing markets. It is a guarantee of quality, reliability and performance in the form of products that are light, protective and suitably adapted to the human body's natural fragility as well as to the expectations of clients – be they beginners or seasoned users.

We are convinced that we have developed the most effective protective solutions." Benjamin Tardieu – CEO and founder, GetBack Sports.

Partnership

- **GETBACK SPORTS** is a Marseille-based start-up that has developed clothing to protect the shoulders and collarbone for people practising sports.

Contact

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