SMART HELMET

We believe that today’s technology can help reduce the number of Traumatic Brain Injuries (TBI) in sports and that our idea could shape tomorrow’s helmets. Today, concussion is the only sign of an already damaged brain in contact sports. Our technology is adaptable to all helmets and provides reliable information to the sideline to remove a player from the game when necessary.

1 Who are your clients?
The end users are athletes practicing Ice Hockey, US football, Boxing, Horse riding, cycling, skiing or motorcycling. Our client will be the helmet manufacturers.

2 How do you make money?
Revenue comes from two sources: royalties from helmet sales and subscriptions from users to access the online analysis platform with performance features add-on options

3 What gives you credibility?
Experience from doctoral research turned into a commercialized product in motion analysis. Years of contact sports practice at high level. Business and management experience in the industry

“An instrumented helmet to monitor head impacts”

TEAM MEMBERS

1. Apte Salil, EPFL, MSc
2. Dukanovic Nina, Unil, MSc
3. Falbriard Mathieu, EPFL, PhD
4. Ginster Stefanie, Unil, MSc

Next steps

1. What are you going to do in next 6 months
   Proof-of-Concept, Initiate prototype development
   Collect data from Ice Hockey games
   Customer discovery and business plan

2. HR needed after the training
   Co-founders, 2-full time
   Advisers via coaching and advisory board creation
   Academic: Master Students and Doctoral Research

3. What kind of support that you are looking for:
   Further training / coaching / funding
   Business Development Coaching
   Grants for initial costs
   Collaboration with researchers in brain modelling