

Chapter 1

Context and Brief

The Hi-Performance centre is a very versatile project from which the community and different corporations can benefit. For this specific reason the client does not necessarily have to be a corporation related to sport.

Possible clients:

SuperSport

They are already the main sponsors of SuperSport park that is situated right next to the proposed site for the Hi-Performance centre.

Sport Institute of South Africa

This governmental institute is part of the Government who supports the development of sport in South Africa. The centre will also be open to develop young sport talent.

Centurion Town Council

The proposed site is currently the property of the Centurion Town Council. In the IDP there is a proposal that a complex that should focus on sporting activities and facility should be built on this site.

Apart from these clients funding the project, different sponsors can also be part of this innovative project.

Possible sponsors:

Toyota

Sponsor for the shuttle service.

Smart Technology

Sponsor of high-tech sport and gym equipment.

LG Electronics

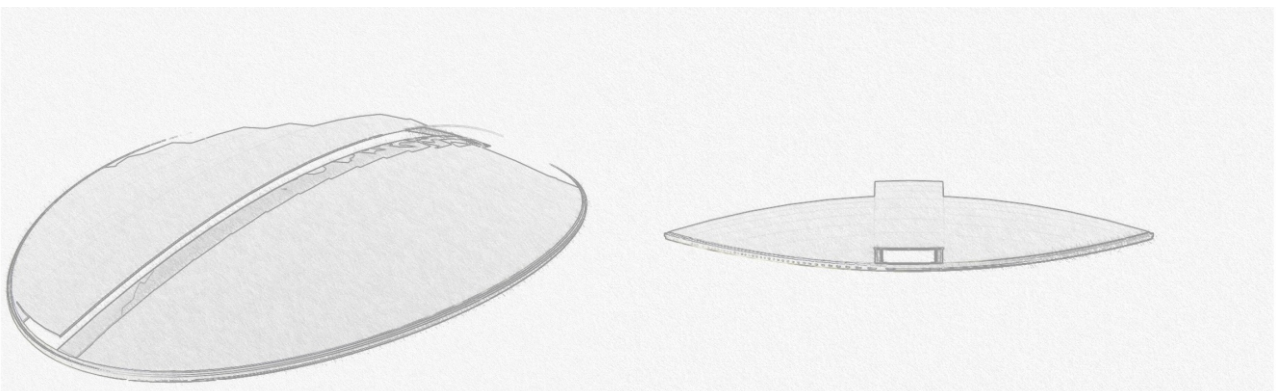
Sponsor for all electronic equipment, e.g., office and audio-visual equipment.

Ultimate Sport Nutrition

Sponsor for sport nutrition and diets.

CSIR

Analysing and reaches on athletes in action.



After three decades in the cold because of its apartheid policies, South Africa's return to international sporting competition was celebrated with its participation in the 1992 Barcelona Olympic Games. The impact that this extended period of isolation had on its athletes was only too apparent when measuring its performance with those of rival countries of similar strengths. Compared to Australia's 27 medals, South Africa could only achieve two, none of which were gold.

Australia's success in sport can be largely attributed to a decision in 1981 to establish and build an Institute for Sport which has an annual operating budget of between R200 and R400-million. Clearly, to contemplate spending anything like this during a period of reconstruction and development would be highly inappropriate. However, the important role that sport and sporting achievements can play in nation building must not be underestimated, as was evident in South Africa's hosting, participation and winning of the 1995 Rugby World Cup. The achievements of team sport such as rugby, cricket and netball have not suffered to the same extent as individual sports such as athletics. This is a clear indication that there is no lack of talent in the country, but rather that it is a matter of harvesting this talent.

Good training facilities as well as accommodation near such facilities are required by elite athletes. Many foreign athletes also come to train in South Africa, mainly because of our warm climate. In sport today, every one knows an elite athlete is a rare combination of talent, hard work and the right psychological profile. This is achieved by having access to the best training facilities, training methods and most nutritional food.



Fig.1

This brief has been drawn up after a thorough investigation of all the client and possible users' needs. Bookings of the HPC in Pretoria show that there is a demand for another facility like this.

Needs for the proposed centre in Centurion:

- Accommodation for 330 athletes
- Restaurant and nutrition/supplement bar
- Academic staff offices and student spaces including hostels and classrooms
- Administration offices
- Auditorium
- Service function incorporating sport medicine, sport injuries, physiotherapy and cardiac rehabilitation
- Research function including bio-chemistry, bio mechanics and bicycle and treadmill laboratories
- Sport training facilities like an Olympic size pool, rehabilitation pool, gymnasium, indoor track and exercise area.
- Covered parking

The building must be fully accessible for disabled persons. Special changing rooms need to be present for the disabled using the swimming pool, exercise area and gymnasium. Elevators should be supplemented where changes in floor levels occur while the upper and lower levels of the auditorium need to be accessible by wheelchairs to accommodate both lecturers and audiences.

The indoor training area will be a multipurpose space and will be used by the cardiac rehabilitation clinic as well as the bio-mechanics laboratory where experiments and research can be conducted on athletes in action. This area must be in the centre of a 200m track, with adequate roof clearance.

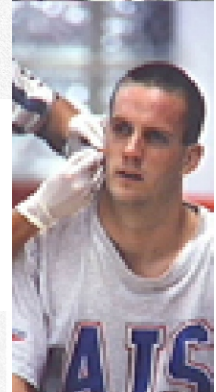


Fig. 2