

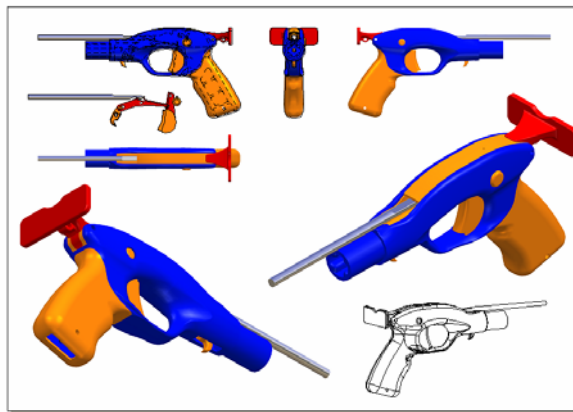
## DIT Technology Station: Reinforced & Moulded Plastics

### SECTION A : Highlights , Successes, Strategic Issues

1. Highlights and Successes for the year  
Please give a summary of all the outstanding developments /events/projects/ successes for the year.

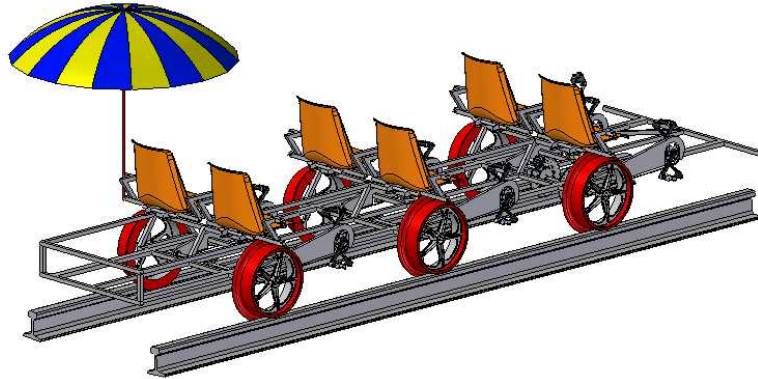
*Three examples of successful projects are:*

*i. Speargun (client: FreeDivers, small company). This project involved designing using CAD a speargun incorporating some innovations. This has been concluded, and a prototype has been grown by the TS in the Free State. The client is very happy with the result and has returned to us to design and fabricate the injection tooling needed to mass produce the product. The speargun will be exported*



*Different views of speargun*

*ii. Railbike (client: MXA - small company/Ingwe Municipality). This project involved designing a railbike that is powered by 6 people and used on old railway lines by tourists in the KZN midlands. The design is innovative and unique. A prototype will be built in the next 6 months at the TS.*



*View of railcar with all except one umbrella hidden*

*iii. Hebcooler (client: BVK, small company, 100% PDI owned). This project involved designing an innovative hebcooler that keeps 6 cooldrinks colder for much longer than usual. The TS will also be involved with designing and fabricating the tooling to injection mould this product, which will be exported.*



*View of base of hebcooler*