



GIDEON POTGIETER

.. of Ideas, Creativity and Innovation



idea » design

design » prototype

we will give you a working prototype

to take to investors

re-produce or

redesign for

production if necessary

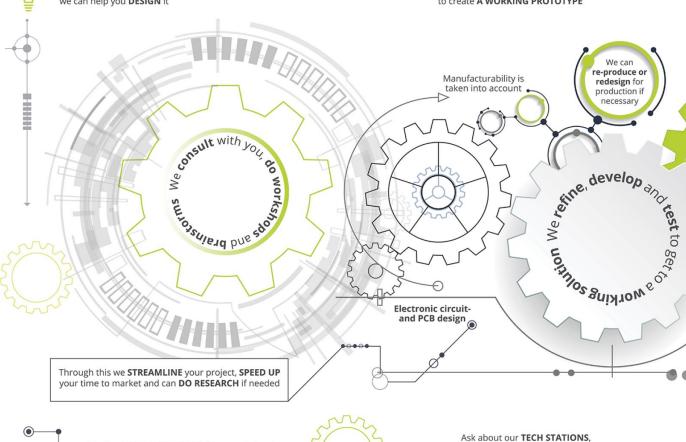




You have an IDEA... we can help you DESIGN it You have a **DESIGN**... now the real engineering starts to create A WORKING PROTOTYPE

A working prototype includes functionality testing

Optional durability, non-destructive and Electro-Magnetic Interference testing is available on request



Laser, plasma and water-jet cutting High precision machining Injection & blow moulding Fabrication, sheet metal and aluminum

You have a working PROTOTYPE... we can MANUFACTURE one-offs and initial production runs

Printing

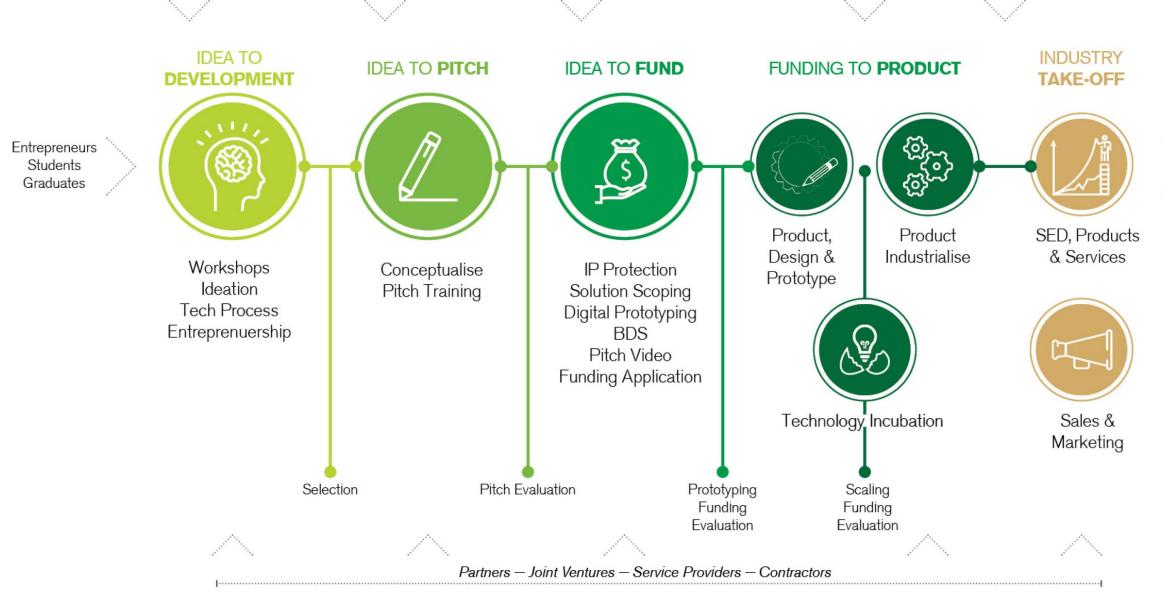
Ask about our MANUFACTURING PLANT where limited volume or small-scale-production is readily available

Ask about OUR INCUBATOR - it's a great place to nurture your idea with added benefits

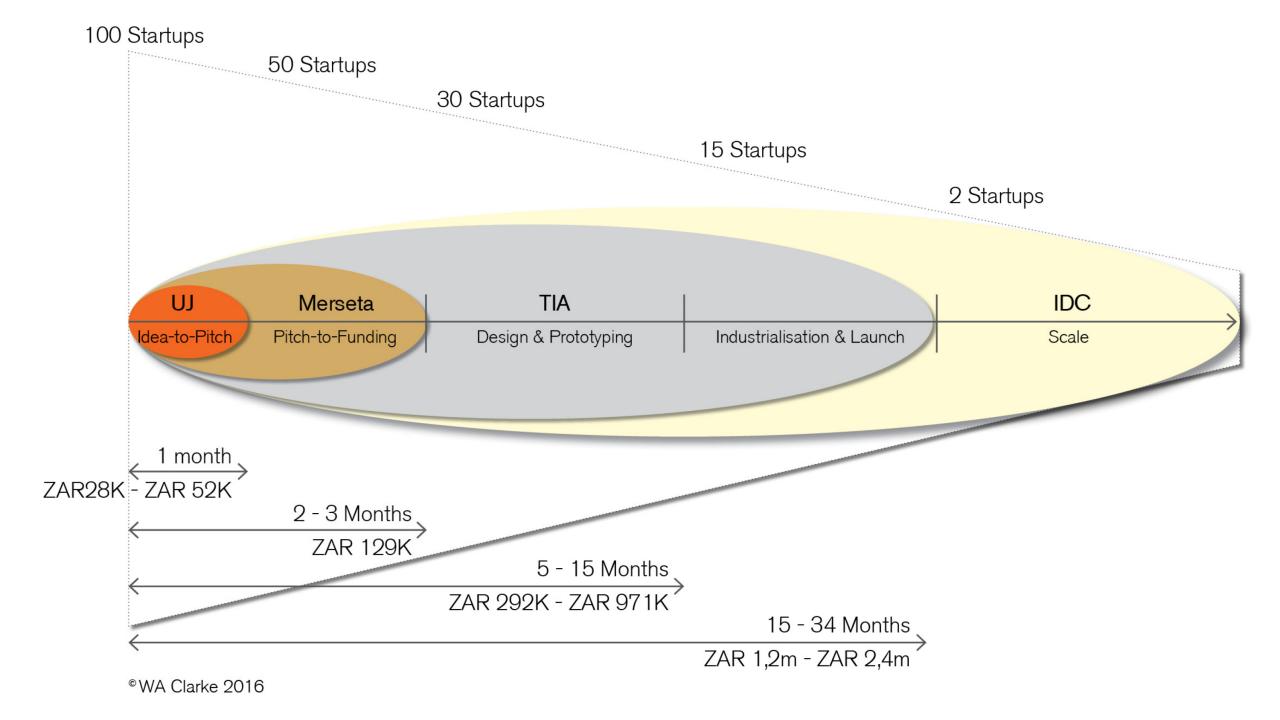
> You get CAD MOCK-UPS and MODELING to take to investors, PLUS we can REGISTER YOUR PATENT



Startup Volumes



Industry (SED)



Nr. 1 Strength of auditing and reporting standards

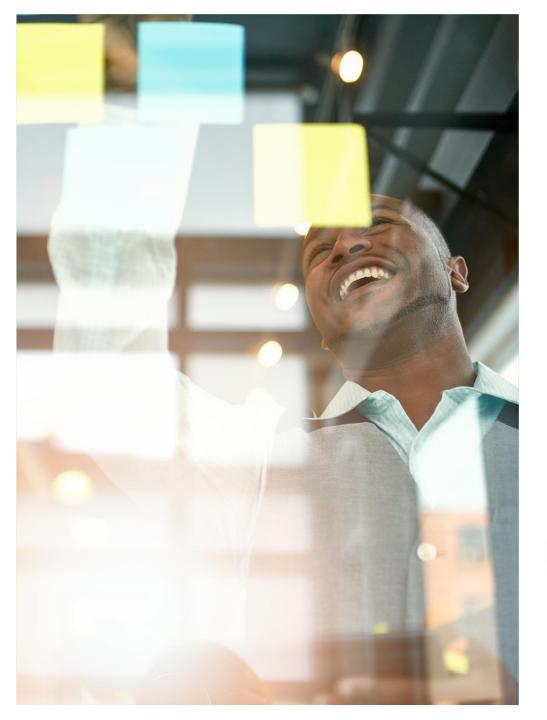
Nr. 1 Protection of minority shareholders' interest

Nr. 1 Financing through local equity market

WHAT DO WE CONSIDER **BEFORE PRESENTING TO FUNDER**



- Technology Readiness Level
- Investor Readiness Level
- Business Model
- Market Size
- The Team



TECHNOLOGY READINESS LEVELS

COMMERCIALISED

Actual technology proven through successful use in an operation environment

PRE-PRODUCTION

Actual technology completed and qualified through tests and demonstrations

FIELD TEST

TRL 9

TRL 8

TRL 5

TRL 2

System prototype demonstration in an operation environment

PROTOYPE

System / subsystem model or prototype demonstrated in a simulated environment

BENCH / LAB TESTING

Component validation in a simulated environment

DETAILED DESIGN

Component validation in a laboratory environment

PRELIMINARY DESIGN

Analytical and experimental critical function and/or characteristic proof-of-concept

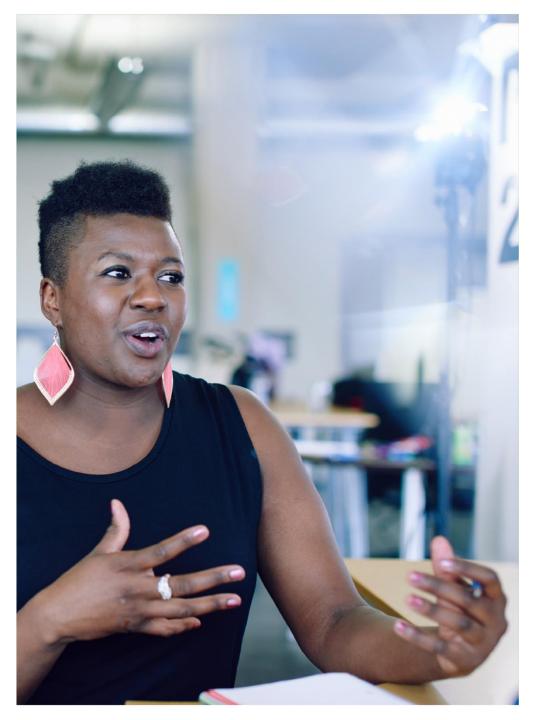
CONCEPTUAL DESIGN

Technology concept and/or application formulated

BASIC CONCEPT

Basic Principles observed and reported

Resolution Circle takes on technology in the range of TRL's 4 — 8 to deliver solutions in TRL 9



INVESTMENT READINESS LEVELS VENTURE CAPITAL Validate metrics that matter IRL 9 ANGEL INVESTORS Validate left-side of canvas IRL 8 Prototype high-fidelity MVP Validate right side of canvas FRIENDS AND FAMILY IRL 5 Validate Product / Market fit Low Fidelity MVP Experiments Problem / Solution validation NONE IRL 2 Market size / Competitive analysis Complete first-pass canvas In relation to the Business Model Canvas and the systematic validation of its components.



BUSINESS MODEL

 No lifestyle or trading businesses

Launch to market within 3 years?

- A/L R1- to **R5- to R50 million** Turnover within 7 years?
- Scalable beyond R50 million Turnover within 10 years?

MARKET SIZE

Domestic	Regional (SADC)	Continent (Sub-Saharan)	Global Emerging Markets	Global
Agri, Energy, Safety/Security, Resources	Agri, Energy, Resources	Food, Energy, Water Nexus	Applicable in rest of world?	Within the new trends Industrial revo 4.0? Augmented Reality, Autonomous Driving, BioTech, Drones, Energy Storage, Internet of Things, Material Science, Nanotech, Robotics, Virtual Reality



TEAM

- Role of Inventor / Product
 Developer
- Role of Marketing / Sales
- Role of Finance
- Prior general experience
- Prior business experience

RECENT SUCCESSES IN RSA



 According to reports, they raised **R4 million** last year and another **R5.9 million** later the same year



RECENT SUCCESSES IN RSA



 HearX Group, initially
 USD 22,285 through Crowd funding and later
 USD 2.8 million

