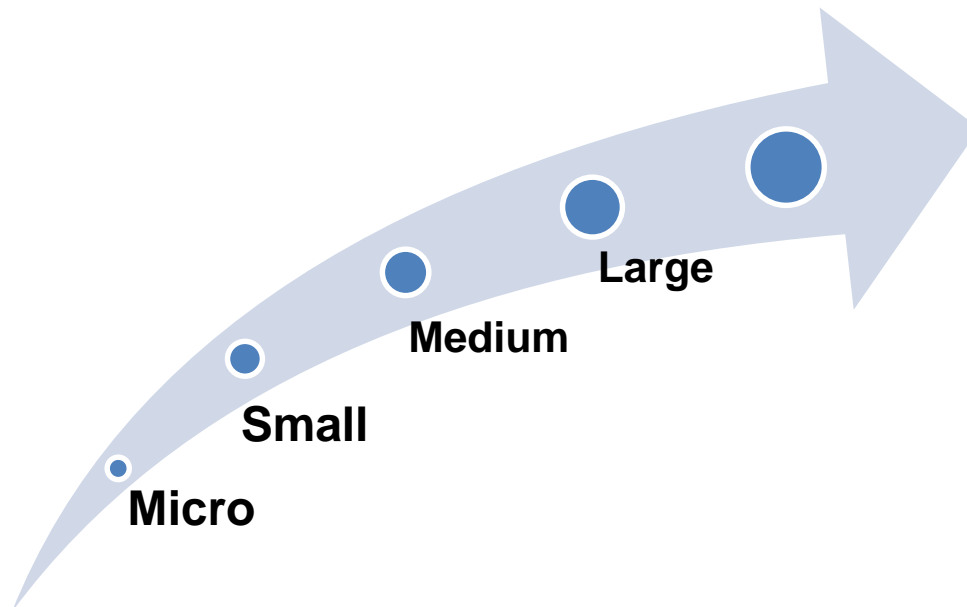


# Defence Transformative Enterprise Development (DEFTED)

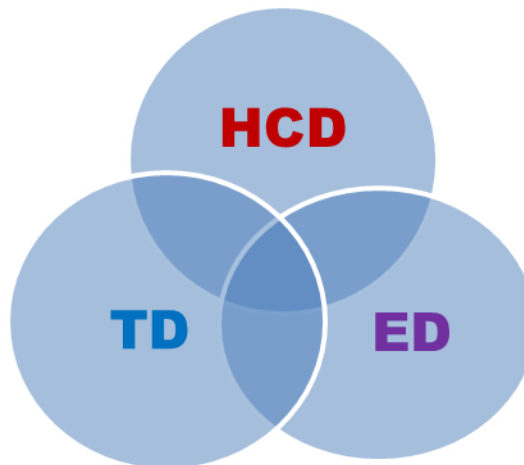
# DEFTED – Goals

- The primary goals of the Defence Enterprise Development (DEFTED) Programme are:
  - **Industry Transformation** – To transform the defence industry supply chain.
  - **Black Economic Empowerment** – To ensure economic inclusion of Black-Owned SMMEs.



# DEFTED – Objective

- **The objective of DEFTED is to develop innovative and sustainable enterprises through the following development tracks:**
  - **HCD** – To Develop and Train young Black-Engineers to acquire domain & application knowledge in Radar & Electronic Warfare domains.
  - **TD** – Enhance the DoD Technology Base to develop Electronic Warfare (EW) and Radar products and services.
  - **ED** – Create the Black-Owned Enterprises to establish sound Small Business Management skills to manage the sustainable Enterprises



# Outcomes & Impact

- DEFTED Program Outcomes are:
  - Twenty (20) Black-Owned Enterprises with core Technical Skills & Capability, sound Small Business Management Process, Policies, and adequate Small Business Management Skills.
  - Twenty (20) Prototypes (Advanced Technology Demonstrators with mature technology building blocks for future commercialization).
  - Six Hundred (600) New high skills Jobs: well trained Black Electronic Engineers & Managers.
- DEFTED Impact:
  - Alignment to NDP 2030, DFR 2015 & DTI's Black Industrialist Programme 2015
  - Reduction of youth Unemployment rate through SMMEs
  - Inclusion of Black-Owned Enterprise in the EW & Radar Economy to address government's Inequality challenges.
  - Achieve Sustainable Qualitative Transformation of Defence Industry.
  - Arresting the decline & deteriorating SANDF Radar & Electronic Warfare Capabilities and other Technology Focus Areas.

# Current Status

- The Radar and Electronic Warfare Transformative Enterprise Development (REWTED) sub-programme is currently active.
- REWTED being implemented at CSIR-DPSS
  - **HCD** – To Develop and Train young Black-Engineers to acquire Radar & Electronic Warfare domain & application knowledge.
  - **TD** – Enhance the DoD Technology Base to develop Electronic Warfare (EW) and Radar products and services.
- REWTED Projects:
  - Inundu EW Simulation Pod,
  - Radar Cross-Section (RCS) Facility, and
  - Instantaneous Frequency Measurement (IFM)

# SMME Technical Capabilities

- EW Subsystem Design
- Radar Subsystem Design
- IFM Subsystem Design
- System Integration
- Systems Engineering
- Project Management