



TIPS

Thank you
Tips Team



About US

ModeTech Services is a medium to large manufacturing facility specializing in CNC machining and fabrication capabilities with our focus on the production of large volume parts for OEM clients in various industries:

- Renewable
- PV
- Wind
- Rail
- Oil and Gas



Our Journey

2009

2014

2015

2019

2020

2024

PRODUCT DEVELOPMENT

Started developing parts for renewable energy projects: CSP, PV, Wind.

MTS REGISTRATION

MTS incorporation and establishment as a manufacturer and supplier to the rail industry

SERIAL PRODUCTION

Serial production of locally manufactured parts for wind and solar

MANUFACTURING GROWTH

MTS gears up for manufacturing of round 5 projects for ongoing projects.

PV TRACKER

MTS signs manufacturing agreement for PV tracker manufacturing in South Africa with local steel supply

MANUFACTURING

Over 2000 parts localized, PV tracker approved for about 600 MW PV projects.



Challenges Of growth



MODTECH MANUFACTURING GROWTH CHALLENGES

The timeframe of establishing trust in our local manufacturing capabilities for sustainable industrialization, adapting our company to international standards. ModeTech had to deal with the general challenges of growth in a challenging economy.

01

SKILL BASE

Specific skill set was needed to gear up for the growth.

02

FINANCE

Rapid growth came with its own financial challenges, and tough regulation of a struggling economy did not help.

03

IMPORTS

MTS had to align with international supply chain models while still complying with local policies.

Overcoming Challenges



The challenges could be partially alleviated, facilitating developers and manufacturers in achieving a sustainable energy transition during this period of change and growth without adversely affecting manufacturing or the industries.

01

POLICY MAKERS

There should be a consistent synergy between industry and policymakers to ensure alignment and effective deployment.

02

STABILITY IN PROJECTS

Clear regulation and sustainability in project volumes will definitely lead to financeable models both for manufacturers and developers.

03

TARRIF POLICIES

Alignment with industry and manufacturing with policymakers could protect manufacturing but not be to the detriment of growth in projects.

Prospects to 2030

Manufacturing of a downstream supply chain is crucial to the sustainability of job creation and growth in South Africa; this should not be at a cost but act as a benefit to developers and manufacturing.

- Sustainable manufacturing
- Hydrogen
- Offshore wind



MODETECH
SERVICES
Integrated Engineering Solutions



Thank You

