

**MOROGORO ENGINEERING
CLUSTER INITIATIVE
(MECI)**

QUALITY PRODUCTS,



OIL EXPELLER



OIL GRAVITY FIL-



CASSAVA GRATER



SMOKE PUMPS



ECONOMY STOVES



ROPE PUMP



CONCRETE MIXER



FURNITURE ITEMS



**MOROGORO
ENGINEERING
CLUSTER INITIATIVE**

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Designers, Developers,
Manufacturers & Suppliers of:
Quality Post Harvest Processing
Machinery, Agricultural Implements,
Water Pumps, Economy Stoves,
Construction Equipment.

Morogoro Engineering Cluster Initiative (MECI)

MECI is located in the Morogoro Municipality in Tanzania.

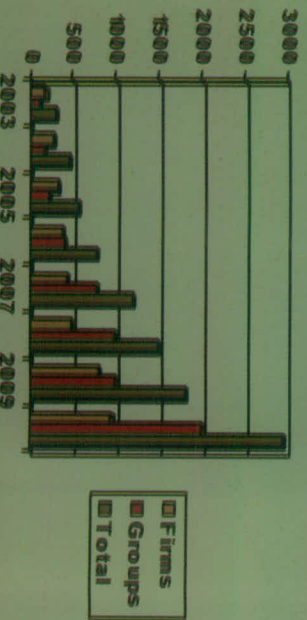


The Initiative started in November 2005 with 9 Engineering Workshops and 20 Groups of tinsmiths with a total of 189 employees. To date MECI has 60

Registered companies in the metal sector, and 38 woodworking enterprises. The cluster has 450 employees. Other members in the initiative include: The Morogoro Municipality Council, Sokoine University of Agriculture (SUA), Small Industries Development Organisation (SIDO), Vocational Education & Training Authority (VETA). The cluster is also working closely with the College of Engineering & Technology (COET) UDSM, National R&D Institutions, and The Tanzania Chamber of Commerce Industry and Agriculture (TCCIA)

The VISION of MECI is: to be the best manufacturers of Agro-processing machinery, agricultural implements and other engineering products in East and Central Africa by 2015

ADDRESSING CHALLENGES COMPETITIVENESS & PRODUCTION



PRODUCTIVITY

Firm level and cluster level approaches have resulted into increased turnover through improved business management, diverse products, enhanced quality and expanded markets. Annual turnover has increased from TZS 555M in 2005 to 2.945Bn in 2010

ENTERPRISE FORMALISATION



48 tinsmiths groups not registered in 2005 have now been formally registered with the Business Registration and Licensing Agency (BRELA). MECI has 60 registered enterprises. Enterprise formalization is a continuous programme in MECI

SKILLS DEVELOPMENT

The Vocational Education and Training Authority (VETA) has designed and is implementing a special programme aimed at recognizing and formalizing skills of artisans without previous formal VETA training. Knowledge and skills gaps are identified and training is conducted to fill the gaps. The trainees are awarded a certificate on satisfactory completion of the 12 weeks training.



PRODUCT DEVELOPMENT & INNOVATION

Intensified product development through enhanced firm level innovation capacity and collaboration with National and International R&D Institutions and Partners



COSTECH training Cluster Members on "KUUTE" economy stove manufacture



GTZ & SIDO training Cluster Members on "Rocket" economy stove manufacture

COET Expert working on improving machinery for cassava.



Pyrethrum Company of Tanzania sponsored the design, development and manufacture of pyrethrum drying oven for farmers in Iringa

University of Tennessee Prof Morrison working on manufacture of his design of seed drill for 2 Wheel Tractors



Gama with his grain cleaner manufactured with facilitation from the cluster Innovation Fund



Integrated Water Sanitation & Hygiene (IWASH) a USAID funded project is working with cluster members and has trained 3 artisans in the manufacture of A model Rope pump for distribution and use in Morogoro Region

SUA Introduced the

manufacture of Bee Smoke Pumps for honey harvesting to cluster members. It is now a regular product of some MECI Members

