



Manufacturing, engineering and related services SETA (merSETA) QUALITY PROGRAMME DELIVERY FOR ARTISAN DEVELOPMENT IN THE GREEN ECONOMY



Ansa Liebenberg, merSETA
Presentation
4th Pan African TVET & FET Colleges
Conference
August 2013



WE CARE:
It's about caring for people
we render services to



WE BELONG:
It's about working together
as teams with fellow colleagues



WE SERVE:
It's about going beyond
the call of duty



QUALITY POSITION

QUALITY SHOULD BE ABOUT SUSTAINABILITY AND SUSTAINABLE DEVELOPMENT

Reasons for a sustainability approach to quality

- Environmental challenges (climate change; food, water & natural resources scarcity)
- Social challenges (poverty & decent work)
- Economic challenges (formal / informal economies – shall the twine meet? / 42% contribution of Africa's GDP by the informal sector)

“Sustainable development is development that does not compromise the ability of future generations to meet their own needs”.

Bartlett, 2012



KEY ISSUES & IMPLICATIONS FOR FET COLLEGES

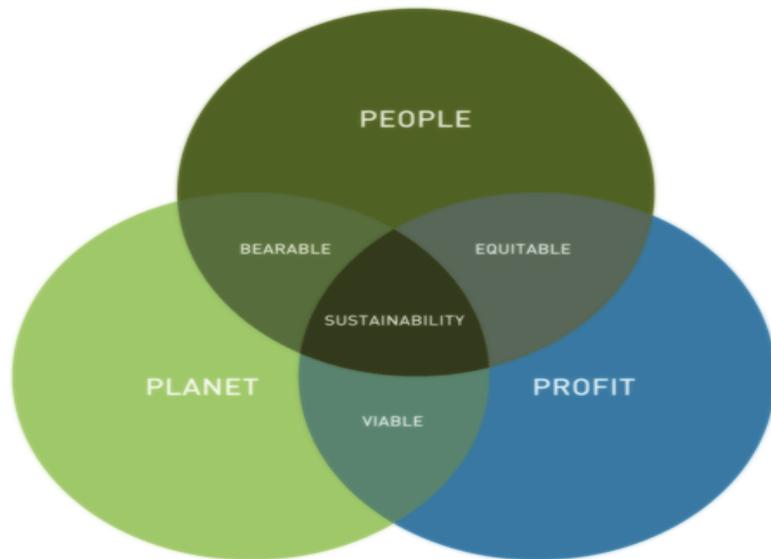
- Quality, as sustainability, implies a **green** economic lens
- Decent work: **greening** jobs, **green** jobs & the role of artisans in the **green** economy
- Quality FET programmes for sustainability – towards **greener** pastures (future focused / technology-driven)
- The FET/SETA relationship in **greening** the present and the future for work-integrated learning

Green, greener & greening

Meanings & Challenges...

The **Green** Economy & Sustainability

The Green Economy & Sustainability ...
about Relationships:
Planet, People & Profit (PPP)



In South Africa these relationships (PPP) are interpreted, from a sustainability perspective, in:

- The Green Accord (2011)
- The New Growth Path
- The National Development Plan
- The Human Resource Development Strategy
- NSDS III
- The Green Paper on Post-school Education & Training

GREEN INDUSTRIAL SKILLS CONFERENCE – LEIPZIG 2013: GREEN JOBS – FUTURE JOBS...

The introductory message to the "green conference" was clear: **Green skills, specifically green industrial skills, must be more than a mere response to climate change.** All occupations and professions require a "green" orientation embedded in sustainability values and knowledge. In developing countries, where the green economy begins to drive policy and strategic planning, **existing occupations will change and new skills will be needed**, claimed Ursula Mueller from the Federal Ministry of Cooperation and Development (BMZ). This will require governments, business, industry and civil society to **collaborate** to ensure that the youth, as well as small and medium enterprises are fully on board in transferring to high-technology, green economies. "Green" transformation and technology also means ongoing advocacy, research and knowledge management.

Extract from an article in SEIFSA NEWS by Ansa Liebenberg, July 2013

DECENT WORK IN THE GREEN ECONOMY

Greening jobs / Greening learning

Technology innovation
(productivity)

Social innovation (PPP)

The meaning of “a job” /
decent work

Green-specific jobs / artisanal options

1. Renewable Energy (RE)
2. Energy Efficiency (EE)
3. Emissions & Pollution Control (EPC)
4. Natural Resource Management (NRM)
5. Lean & clean production
6. Risk & waste management

EMPLOYMENT POTENTIAL IN GREEN-SPECIFIC JOBS

Employment potential estimates for four broad green economy categories (total estimate 445,587 jobs)

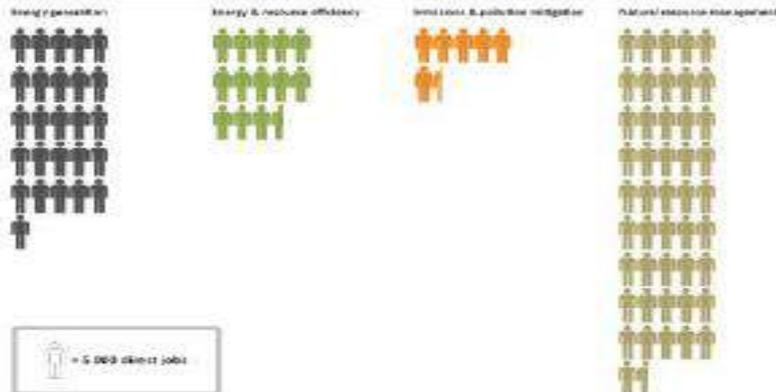
SHORT TERM



MEDIUM TERM



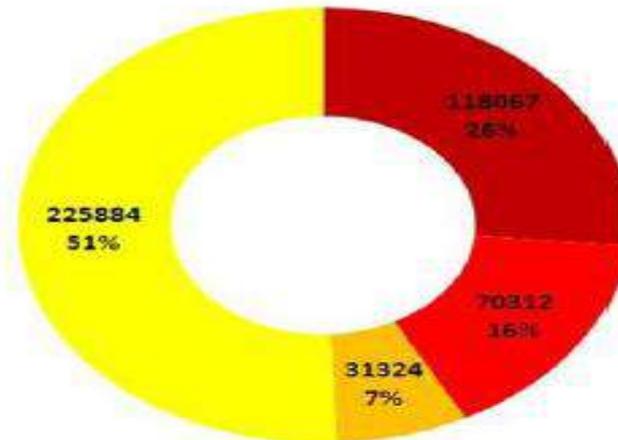
LONG TERM



1 icon = 5,000 direct jobs

merSETA
MANUFACTURING ENGINEERING
AND RELATED TRADES SETA

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



- Renewable Energy Generation (RE)
- Energy Efficiency (EE)
- Emission & Pollution Control (EPC)
- Natural Res. Mgmt. (NRM)

QUALITY FET PROGRAMME DELIVERY FOR THE **GREEN** ECONOMY

The challenge

The courage to lead...a whole college development approach (**towards greener pastures**)

- Organizational culture
- The relationship with the world of work, and
- The **green** economy

Leadership, attitudes & values

- Sustainability leadership
- Implications for college management
- Implications for curricula, methodology & assessment



SETA/FET relationship for quality delivery in a **green** economy

- SETAs as the interface between institutional learning & work
- SETAs in relation to the formal economy / already focusing on the green economy
- SETAs, specifically merSETA, as the artisan SETA in direct response to industry needs
- SETAs beginning to explore the informal economy – new decent work opportunities
- **From the perspective therefore of quality as a sustainability notion, SETAs and FET colleges should be natural partners, specifically in the artisanal context**