



Skills for Green Jobs

An initiative jointly developed and implemented by the DHET, DST and GIZ



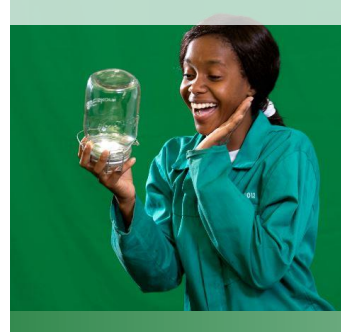
Structure of the Presentation



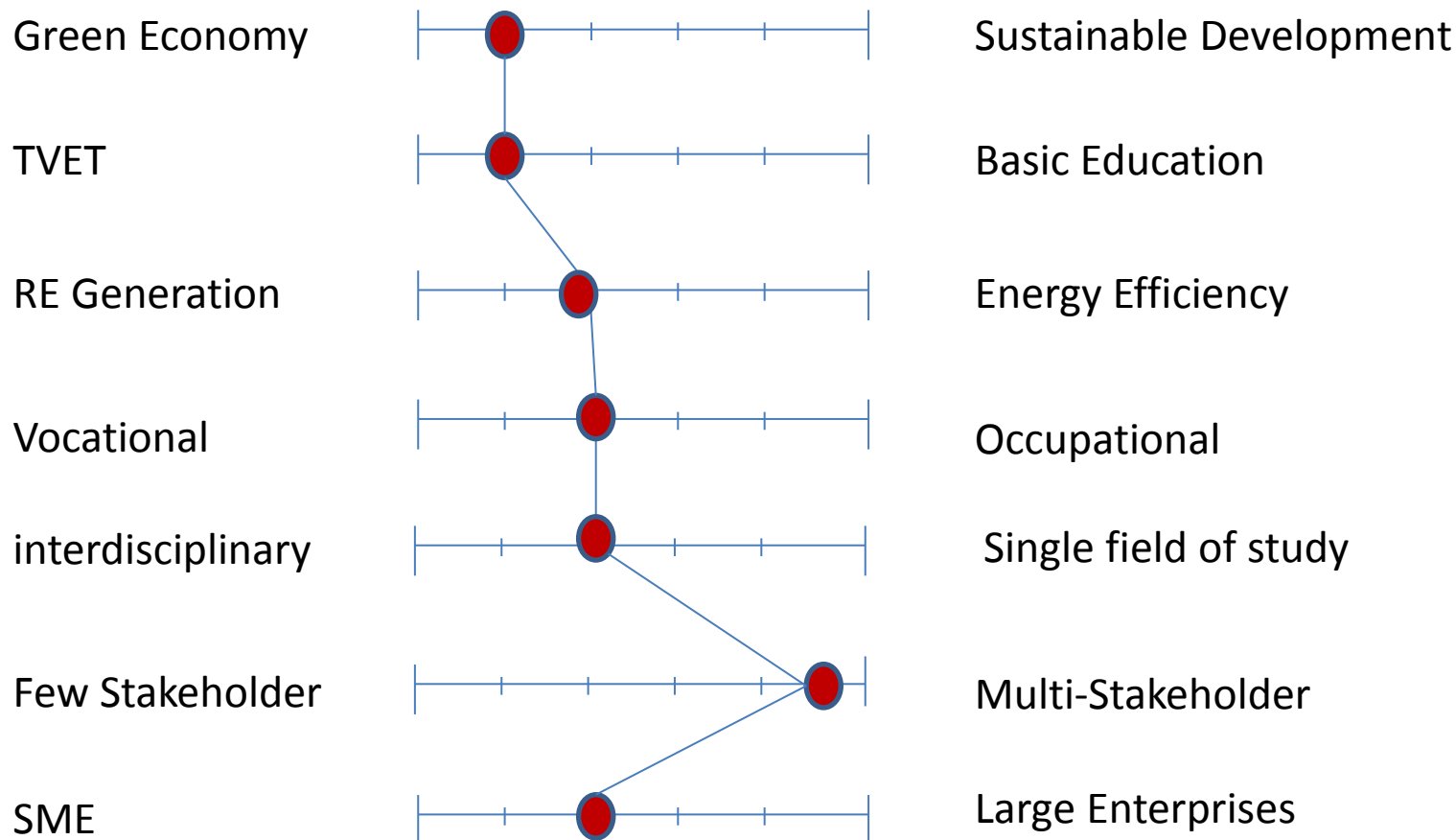


What is it all
about?

The three political partners aim to improve the operational capacity of public agencies, selected TVET and higher education institutions and industries for promoting and implementing practice-centred qualifications required for renewable technologies and energy efficiency.

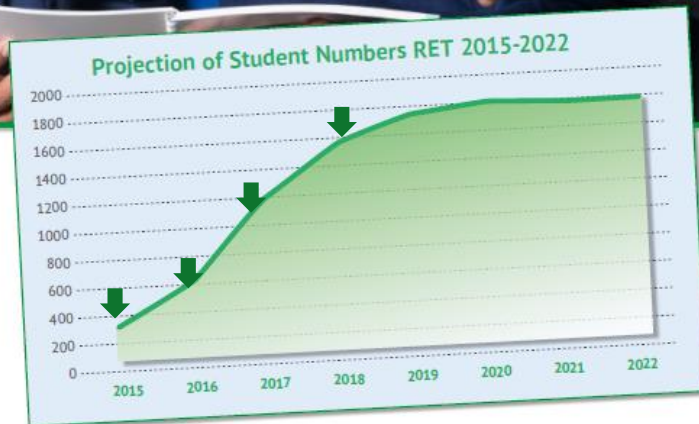


Some stress fields





2 Fields of Activity



Renewable Energy Technologies

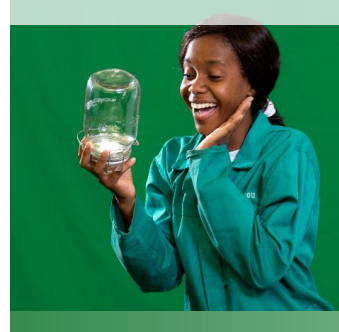
A new subject at TVET colleges (NQF level 2 – 4)

Since 2015 part of a 3 year electrical engineering training programme.

Currently, 15 TVET colleges countrywide are offering RET.

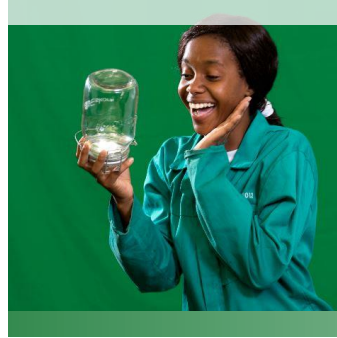


- Curriculum and syllabus development
- Development and publication of RET student books
- Development and provision of didactical equipment
- Development of practical and theory assessments
- Continuous training of RET lecturers, building a pool of co-trainers
- Appointment of RET lecturers as examiners and moderators



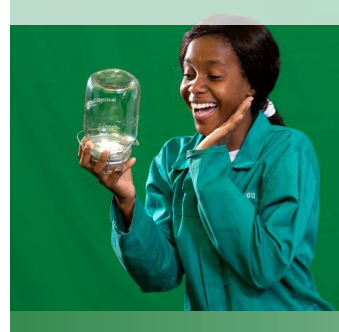
SWH Installer Training

- (i) Capacitating TVET Colleges to deliver relevant SWH installer trainings.
- (ii) Selection process to train 50 trainees against an appropriate qualifications to up-skill assistant installers (plumbing installation teams).
- (iii) Involve IOPSA/PIRB and relevant INSETA and EWSETA for the quality assurance process.



SWH Installer Training (2)

Short-term insurer (STI) were identified as a key role player for advocating and marketing SWH technologies. In consultation with various STIs and aiming to improve the installation quality of new SWH systems, it has been established that there is a market driven need to promote practice-centred SWH training courses for their plumbing supply chain.



SWH Installer Training (3)

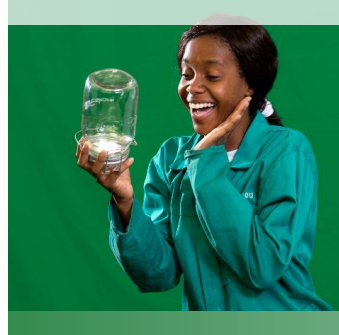
Assist municipalities in interface management of NSWHP work streams

***Area
Designation***

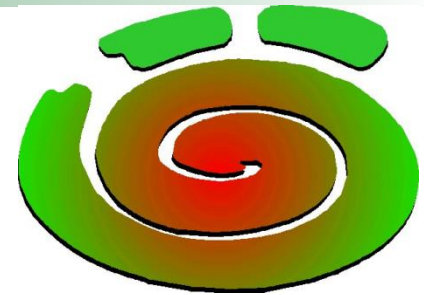
***Social
Facilitation***

***Installation
Training***

Installation

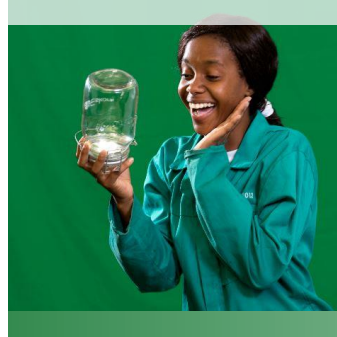


ECOPROFIT a way of implementing cleaner production



Supporting DEDEAT's industrial cluster management programme by improving provincial industry competitiveness

Assisting the DEDEAT so that an increasing number of industrial manufacturer perceive energy and resource efficiency as a motor for innovation and as an opportunity to meet successfully the challenges of globalisation and national compliance. The overall aim of the intervention is to provide services to private and public sector partners, and create local capacity to implement cleaner production efforts and establish and coordinate a provincial cleaner production network.



Reducing energy demands in food processing plants
Experiential Learning Project (ELP) in collaboration with
the Technology Localisation Implementation Unit (TLIU)
DST Programme 5: Socio-Economic Partnerships
Bringing industry, organised business and technology
stations/universities together in order
to respond to demand
for energy efficiency
advancements.





GREEN 
SKILLS FOR **JOBS**

DHET provided R105 million towards the establishment of SARETEC



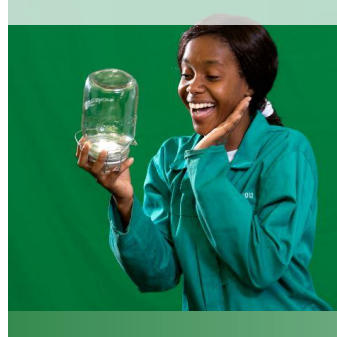
SARETEC
SOUTH AFRICAN RENEWABLE
ENERGY TECHNOLOGY CENTRE

To date 15 Wind Service Technicians have completed their training and 18 new students are currently attending another training course.





Experiences
and lessons
learnt



- Showcasing best practice options for enhanced multi-stakeholder delivery models
- Lessons learned will be made available for other relevant stakeholders.