



3

### What does the project offer?



- Pool of experts in EnMS and ESO fields for implementation in plants
- World class training on both EnMS and ESO.
  - · From basic up to expert level training
- Facilitation of Plant participation through Host or Candidate
  - Implementation of recommendations Demonstration plant
- SME Energy Audits
  - · Conducted by IEE pool of consultants
- All of the above at subsidized rates!

Page 4



## What is the Private Sector Energy Efficiency Project (PSEE)?

- The "Private Sector Energy Efficiency" Project (PSEE) aims to improve energy efficiency in commercial and industrial companies in South Africa
- > The programme will provide support to help companies in identifying and implementing energy saving measures









## EECB project objectives vs. NCPC & NBI offering



- Energy Audits for baseline generation
- Identifying EE improvements
- Energy Management System to manage energy within any organisation to show continual and sustainable energy savings
- Develop brick specific energy & technology service providers
- ISO/ SANS 50001 certification of EnMS

### **UNIDO** Training program



1 day Awareness Workshop

#### Target group:

Process engineers, energy consultants, equipment vendors and service providers.

#### Objective:

To buy into Systems Optimisation and the project

#### 2 day Users Training

#### Target group:

Process engineers, energy consultants, equipment vendors and service providers.

#### Objective:

To share in-depth technical information on undertaking an system energy assessment

#### Expert level Training (1-year on site training)

#### Target group:

EE consultants, ESCOs, Specialists and others

#### Objective:

Experts that deliver energy performance improvements and best practices that are sustainable

More info on: <a href="http://www.iee.csir.co.za/?page\_id=281">http://www.iee.csir.co.za/?page\_id=281</a>.

### Impact (Energy Assessments)



SME energy assessment			
Companies assessed	Savings identified	Payback period	
>200	> Rm90	0 – 4 years	

 Sectors: Textiles, Metals and engineering, agroprocessing, chemicals, printing, automotive, manufacturing

# SME Energy Savings Opportunities (Clay brick sector)



	Savings identified	
First six sites	MWh	ZAR
TOTAL	287,210	R 10,364,858

These figures are indicative values after performing the first six audits.





### How to participate

- SME energy assessments 4 day audit
- EECB facilitation
- Plant feed-back
- Financing assistance
  - MCEP
  - Section 12I
- Section 12L for routine annual energy deduction
- UNIDO Training program



