

JUST ENERGY TRANSITION SKILLING FOR EMPLOYMENT PROGRAMME

Phase 2 Strategic Intervention: Facilitation
of Energy Efficiency Candidacy
Placement

Mobilising JET SEP's network as mentors and hosts and engage government to open facilities for candidate placement

Activating the JET SEP Network



Energy Efficiency services demand is growing, in part due to the change in regulations



South Africa's demand is moving from ad-hoc energy saving interventions to **energy management systems requiring continuous energy improvements**, 20k – 32k jobs will be created

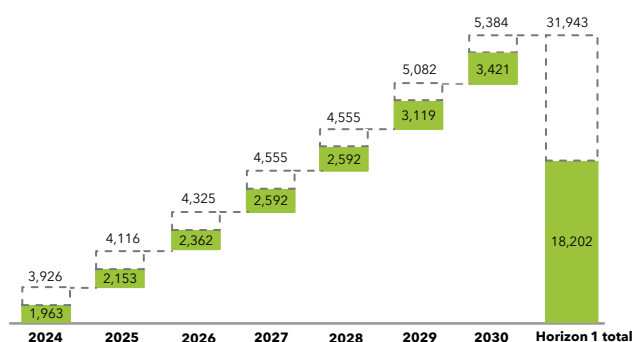


~6k of these will be technician roles across installation, ops & maintenance, representing the long-term potential for the intervention



Industries, even in the early stages of growth, recognize the opportunity to nurture and **develop skilled individuals with strong technical and problem-solving abilities**

Jobs to be created by 2030



Increased demand for energy efficiency products can create 28k-32k gross jobs by 2030

Existing solutions

- **Regulations that support job creation**, such as Energy Performance Certificates (EPC), Section 12L Tax Incentives, and Minimum Energy Performance Standards (MEPS), **offer valuable opportunities for workforce development**.
- Ongoing initiatives are focused on **upskilling unemployed electricians** into specialized EPC Practitioners, empowering them to certify buildings. Energy Efficiency Technicians will also **play a critical role** in conducting in-depth energy assessments essential for supporting energy management systems.
- The adoption and implementation of these regulations have been limited by fragmented efforts in workforce upskilling and reskilling. **Strengthening collaboration and coordinated training initiatives will unlock their full potential.**

Overview of key actions

01



Target TVET Colleges Nationwide - Focus on ≈ 380 TVET college learners across South Africa (Gauteng: 200, Western Cape: 60, Eastern Cape: 60, Limpopo: 60), with potential to scale.

Collaborate with Key Stakeholders - Partner with relevant energy, education, and government organizations to drive success.



02

03



Boost TVET Accreditation in Energy Efficiency qualifications - Provide technical and financial support to enable TVET colleges to achieve accreditation.

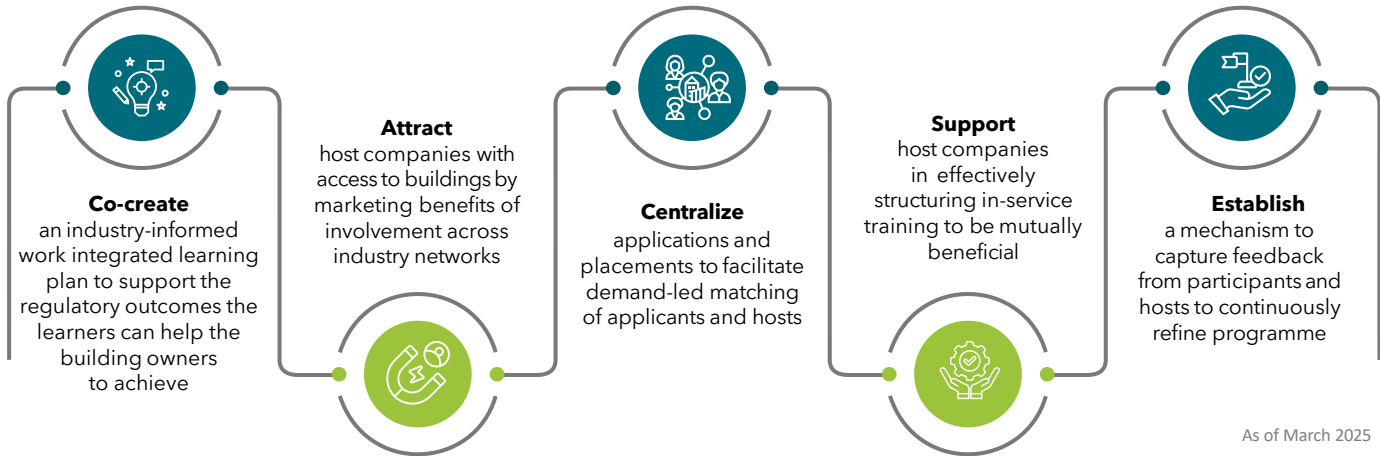
Enhance In-Service Training Placements - Increase opportunities for student placements in existing energy efficiency programs to build hands-on experience.



04

Strategic Intervention Factsheet: Nation-wide Energy Efficiency Candidacy Placement

Key next steps



This intervention also begins to realise 3 strategic paradigm shifts required to drive systematic change



Demonstrating a private-sector-led model by lowering barriers for companies to host and co-fund in-service training while also showcasing direct benefits (talent pipeline, public recognition etc.,) that encourage broader adoption



Testing a demand-led approach to meet regulatory requirements by aligning training with regulatory skills needs using place-based, year-by-year modeling to set the right skills, pace, and scale, enabling a smoother intern-to-employee transition while providing a replicable model for future regulatory programme implementation



Coordinating funding streams to jointly launch and refine the programme, then transition it into stable homes (e.g., SETAs), shaping new public-private financing models for workforce development

Support required for implementation



Host companies willing to integrate learners into real-world work, provide mentorship, and offer structured feedback



Funding partners to support training delivery, implementation logistics, and managing learner stipends for scale and sustainability



Access to commercial buildings and energy data to provide work related technical learning

Get in touch



NoluthandoM@nbi.org.za

NOLUTHANDO MTHIMKULU

Connect with us to:

- Receive more information on strategic intervention
- Detail on what support and partnership could look like