

# SOLAR POWER AFRICA

GREEN SKILLS FOR A JUST TRANSITION

Nonjabulo Sokhela

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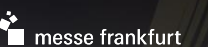
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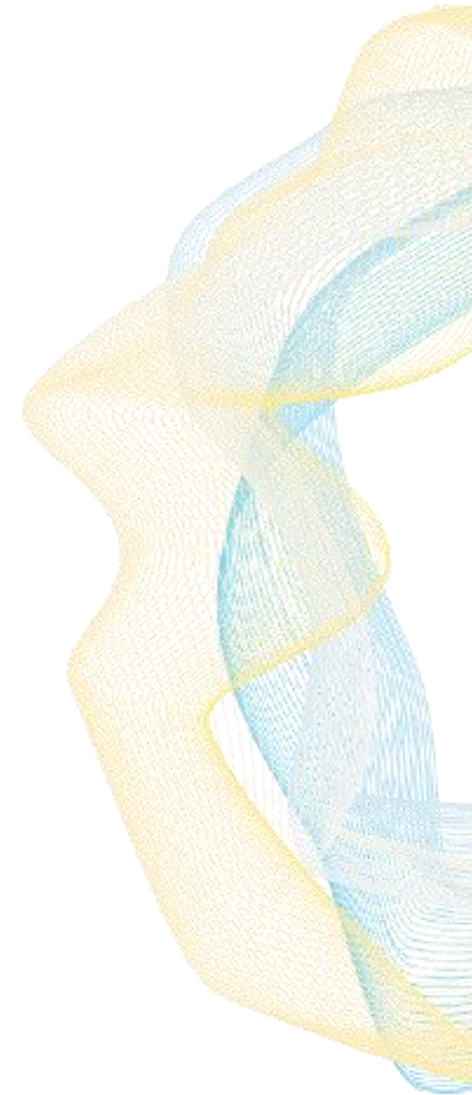
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# GREEN SKILLS FOR A JUST TRANSITION

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## ABOUT NEPOWERX

- Nepoworx is an accredited training institution with a key focus in the renewable energy sector.

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- Our mission is to contribute towards resolving the triple challenges (unemployment, poverty and inequality) through capacity building in the green economy.
- The company's objectives are aligned with various Sustainable Development Goals ("SDGs").



# THE SOCIO-ECONOMIC CHALLENGES

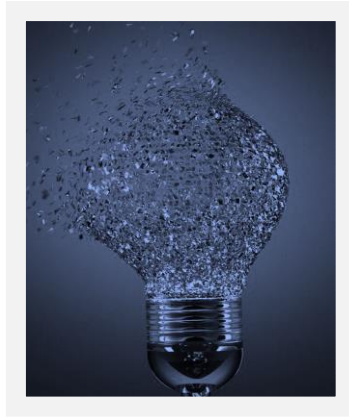


## Unemployment

National average unemployment rate in SA~35%,

Youth unemployment rate 66%

Black African women unemployment rate 41%



## Energy Supply Constraints

Energy Supply Constraints~4000MW gap.

Around 600 million people in Africa still have no access to power.



## High Carbon Emissions

Increased energy supply needs to be balanced with environmental issues, climate change and lowering our carbon footprint.



## Skills Gaps

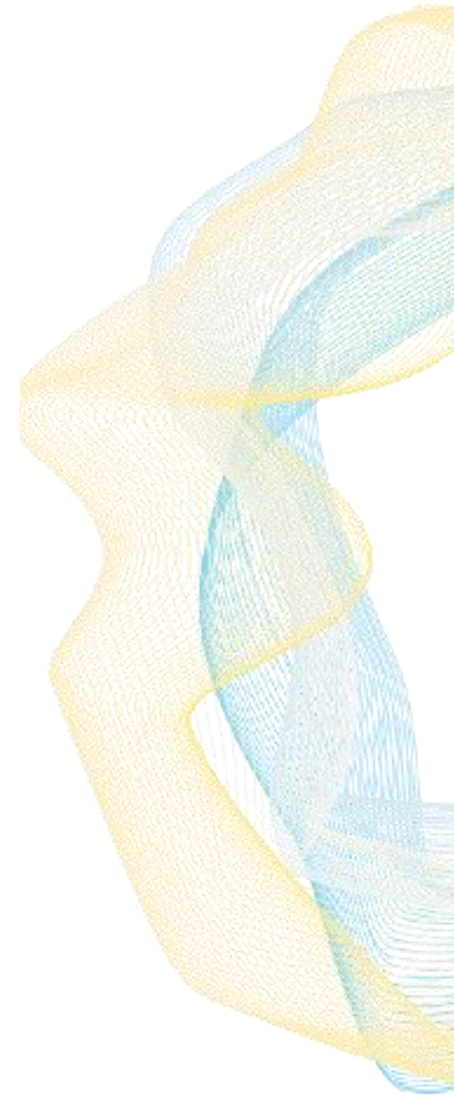
Skills gaps in critical sectors and new industries of the economy such as green energy.



## Inequality

Black people, the youth and women are generally still left behind in the green economy.

- There are a number of renewable energy investments that are expected to come online in the next few years including:
  - Bid Window 5 of approximately 2 600 MW under the Renewable IPP Programme
  - 800 MW of projects under the Risk Mitigation IPP Programme
  - 4 000 MW of embedded generation projects
- BUT where will the required skills come from to implement all these opportunities under Government's accelerated infrastructure build Programme/ Strategic Integrated Projects to stimulate economic growth
- We have a great opportunity to leverage these green investments to assist in alleviating the high unemployment and high poverty level.

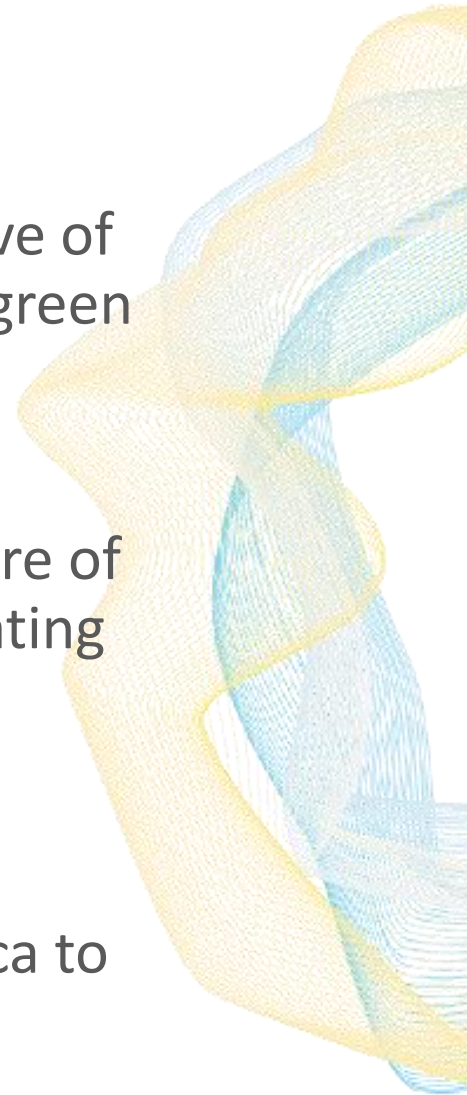




**"Just" means creating new jobs, new industries and upskilling of people.**



- Nepoworx has partnered with Future Africa (an initiative of the University of Pretoria) to implement a nationwide green skills (solar photovoltaic) and enterprise development programme.
- The objectives of the programme is to increase the share of young people and women across South Africa participating in the green economy.
- The Programme will introduce a system-wide capacity building and Enterprise Development initiative at a University level that will build the ability for South Africa to strategically produce green skills.





# CLOSING REMARKS



**Detailed planning for the Transition**



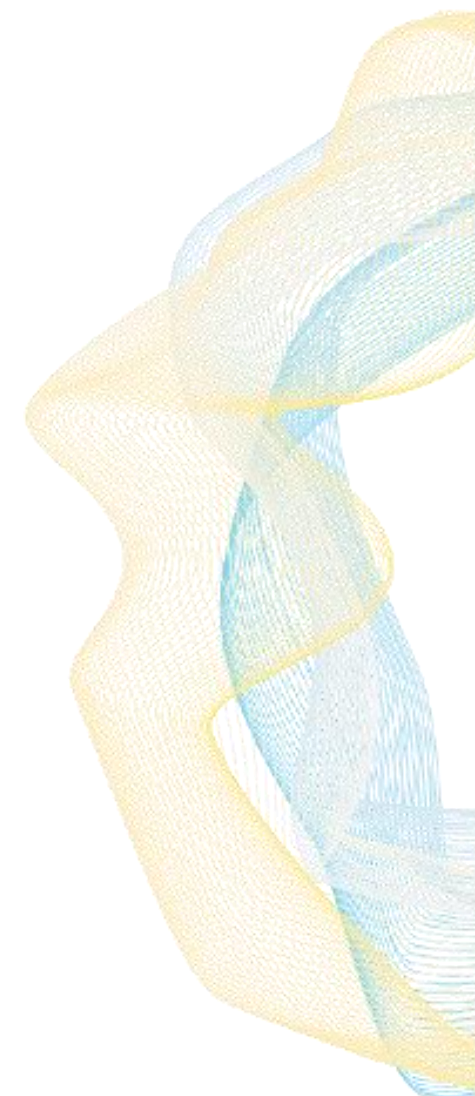
**Comprehensive stakeholder engagement process**



**Upskilling and Reskilling of affected workers**



**Financial support From SETA's, Private sector and DFI's**



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## AFRICA

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