

National Science and Technology Forum

Annual Energy Crisis Discussion Forum

INSTITUTIONALISING THE SKILLS ECOSYSTEM FOR A JUST TRANSITION

25 April 2024



**PRESIDENTIAL
CLIMATE COMMISSION**
TOWARDS A JUST TRANSITION



ABOUT THE PRESIDENTIAL CLIMATE COMMISSION



The Presidential Climate Commission is an independent, multistakeholder body established by President Cyril Ramaphosa . Its primary role is the facilitation of a common vision for a socially just, net-zero, climate-resilient economy and society that responds to the need for climate change mitigation, adaptation, and resilience.

PCC works in an open and transparent manner with all stakeholders to build social consensus around the complex and challenging decisions required to successfully navigate a just transition.

Conducts evidence-based research and monitors and evaluates progress towards the country's mitigation and adaptation goals, and a just transition.

10 Ministers and 23 commissioners from government, business, labour, civil society and research and academic institutions, appointed in Dec 2020

The Secretariat provides support for the Commission and undertakes research and policy work relating to a just transition, climate mitigation, adaptation, and finance



CHAIRPERSON

H E PRESIDENT MATAMELA CYRIL RAMAPHOSA

President Cyril Ramaphosa is the Chairperson for the Presidential Climate Commission, a role which commenced in December 2020.



DEPUTY CHAIRPERSON

VALLI MOOSA

Valli Moosa is a veteran of the South African Freedom struggle. He worked closely with Nelson Mandela during the settlement talks.

Research & information

- Ensure scientific evidence base for recommendations and better decision making by social partners

Build consensus

- Forge consensus between diverse stakeholders to build support for policy and action required for a just transition

Enable action

- Influence policy, promote sustainable economic change, and provide advice where action falls short.



PCC PROGRAMME : 3 BROAD OUTCOMES:

Insight

Employment & skills strategies

Net-zero pathways & updated NDC

Grid & pricing studies

Water, food & built environment studies

Finance tracking

Inclusion

Communication campaign

Community consultations

Stakeholder engagement

Youth engagement programme

Publications & webinars

Impact

Partnership implementation model

JT & adaptation financing mechanisms

Advice to LG on project structuring

Social ownership models

M&E on JT implementation e.g. Komati, JETIP





THREE INTER-RELATED TRANSITIONS SOUTH AFRICA TODAY TOWARDS A CLIMATE RESILIENT SOCIETY

South Africa 2022

- High vulnerability to climate change
- Low-productivity, carbon-intensive economy
- Weak public sector, poor implementation capacity
- Extreme levels of inequality, unemployment & poverty
- Decreasing per capita income
- Strong social base laid for Just Transition

Decarbonization

Adaptation & resilience

Just transition

South Africa 2050

- Economy & society resilient to climate risks
- Net-zero carbon economy
- Growing investment to GDP ratio & competitive economy
- Effective & enabling state
- Dramatically reduced levels of inequality, unemployment & Poverty
- Social inclusion and just transition



SECTORS AT RISK

Coal

- 80 000 direct jobs in mining
- 10 000 jobs at Eskom coal power stations
- 75% of jobs in Mpumalanga
- Many indirect upstream and downstream linkages

Auto

- 100 000 jobs in manufacturing mainly in Tshwane, eThekweni, BCM and NMB
- 200 000 mechanics and 150 000 in petrol stations nationwide

Agriculture

- 800 000 in commercial agriculture
- 350 000 households are subsistence farmers
- 50% of jobs in W Cape, KZN, Limpopo

Tourism

- 500 000 jobs in catering & accommodation
- 110 000 small businesses
- Concentration in Gauteng, W Cape & KZN





A PRESIDENTIAL CLIMATE COMMISSION REPORT

A Framework for a Just Transition in South Africa

- ✓ Distributive Justice - Equipping South Africans with skills
- ✓ Skills development and education is therefore essential to respond to the transition risk and support people in becoming more climate resilient.
- ✓ Recommendations:
 - reskilling and upskilling workers to be better equipped to navigate the transition;
 - aligning the skills development system to the future labour force
 - ❖ green jobs
 - ❖ climate proofing infrastructure
 - ensuring foundational skills through the education system to improve the adaptative capacity of the broader workforce.



For South Africa, the Just transition is a shift towards environmentally sustainable economies & societies for all. Such a transition needs to be well managed and contribute to the goals to the goals of decent work, social inclusion and the eradication of poverty for all South Africans

Power

Petro-chemicals and Chemicals

Agriculture, Forestry, and other Land Use

Transport

Heavy Manufacturing

Buildings and Construction

Mining

Other sectors of today and the future



Job creation



Training, capacitation & skilling



Infra. Planning & roll-out



Managing geo. & cultural dislocation



Social protection



Service delivery and access to infra & markets



Economic inclusion & Participation



Ownership



Ecological restoration



Education



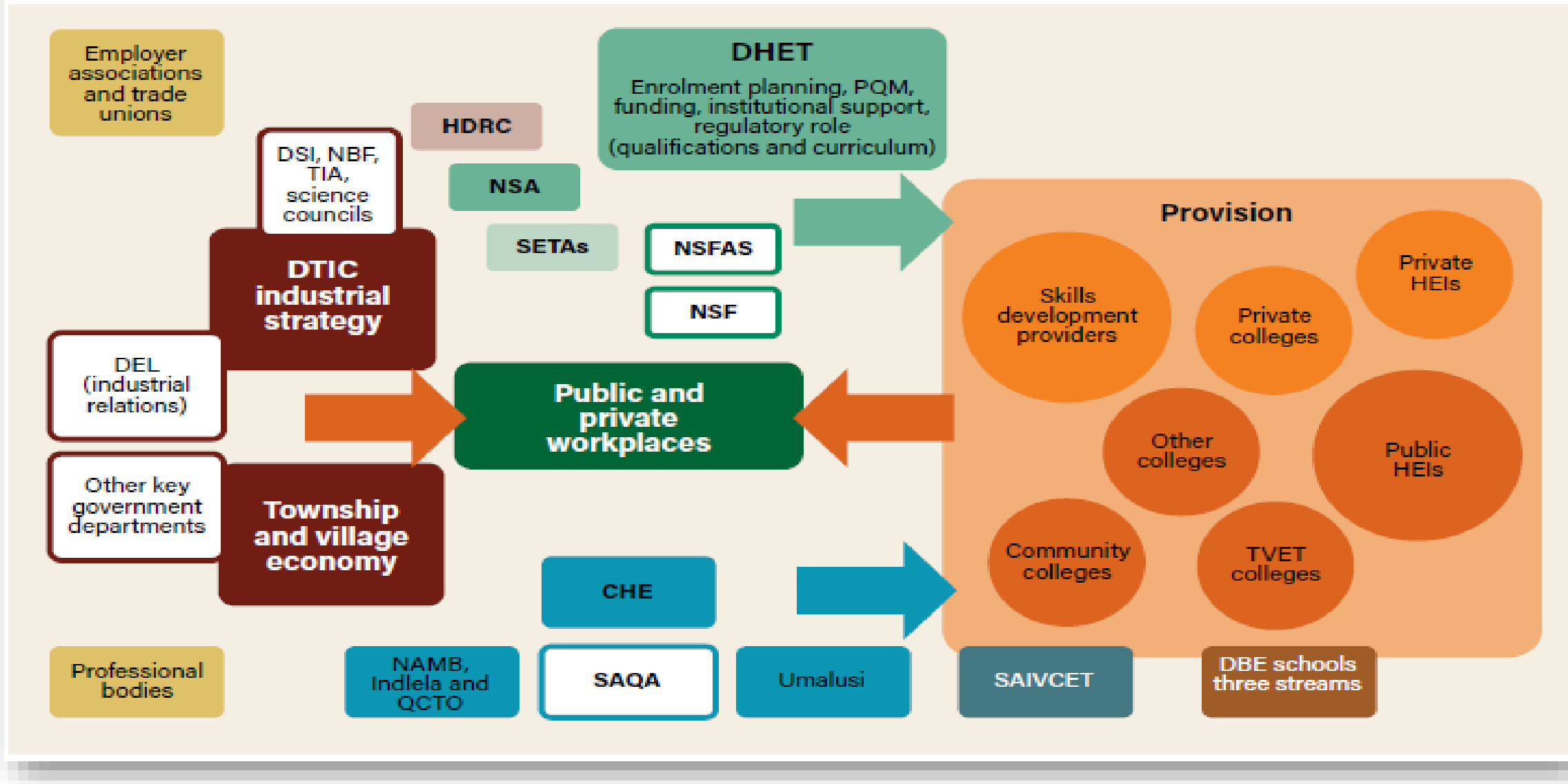
Funding



Policy & governance



Figure 24: South Africa's skills formation system





Five flagship interventions:

- Establishment of a three-tier JET skills ecosystem to coordinate and align JET skills activities
- Establishment of Skills Development Zones (SDZs) (local learning networks) focused on
- JET skills needs assessments for each of these three core JET value chains
- JET capacity development for government and key government institutions
- Support for foundational skills development involving upskilling teachers and integrating sustainable energy concepts into school curricula.



THE PRESIDENCY
REPUBLIC OF SOUTH AFRICA

Just Energy Transition
Implementation Plan
2023-2027



Source: NBI-BCG Project Team

Key skilling Initiatives

PCC – Annual Skills Indaba

Understanding the future labour market and its skills requirements

- New economic activity (Hemp, SAF)

Skilling programme for the RE Sector (Hydrogen)

Reskilling and upskilling of existing workers

- PowerUp
- Auto sector

Coordination of skills activities (research and implementation)

THANK YOU