



# **Energy and Climate Activities in Mpumalanga supported by the German Government & implemented by GIZ**

*- Just Transition & Green Economy Transformation for Coal Mining and Other Vulnerable Communities -*

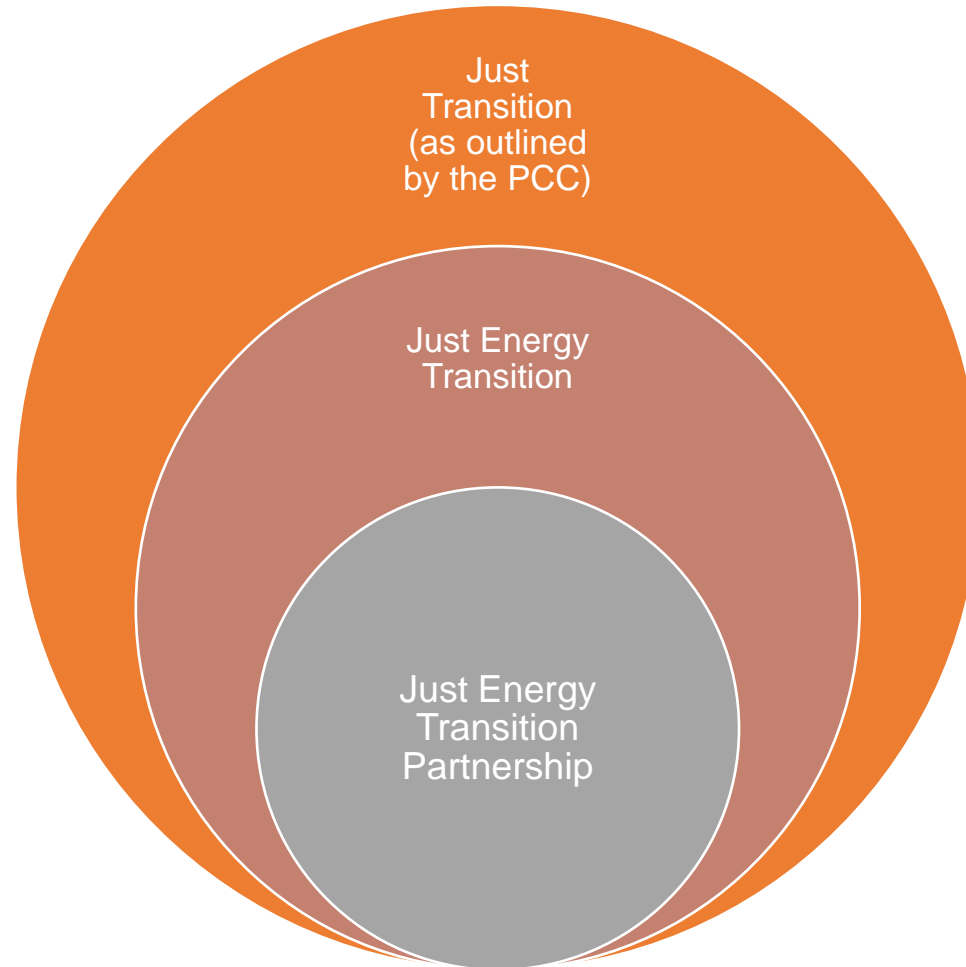
*25 October 2022 – Navina Sanchez*



# GIZ in South Africa

- German development cooperation with South Africa **began in 1993**. Today, GIZ South Africa, Lesotho and Eswatini employs **261 staff working across 48 projects and 112 service packages**
- South Africa and Germany are global partners. Cooperation focuses on topics of global relevance and the protection of common global goods
- Thematic priorities in German development cooperation with South Africa:
  - Peaceful and inclusive societies: Governance and peace building
  - Responsibility for the planet: Renewable energy, energy efficiency, and climate protection and adaptation
  - Sustainable growth and decent jobs: Technical and vocational education and training, and private sector development
- Additionally, GIZ implements a number of ambitious initiatives on health, digitalisation and social security

# GIZ's Work contributes to all Aspects of Just Transition



# GIZ Supporting South Africa's Just Energy Transition

## SAGEN

### South African-German Energy Programme

#### Focus:

- Power sector reform
- Power systems planning and operation
- Embedded generation in distribution networks
- Municipal energy management systems

## SAGEN CET

### SAGEN Capacities for the Energy Transition

#### Focus:

- Power sector reform
- Energy policy and regulation
- Just energy transition
- Capacity building and technology innovation

## EFPBIB

### Energy Efficiency in Public Buildings and Infrastructure

#### Focus:

- Mitigation of investment risks and provision of technical support
- Catalysing energy efficiency transformation within public-sector environment

## Energy Partnership

### Bilateral Energy Partnership

#### Focus:

- Just energy transition; Energy efficiency
- Energy storage; Flexibilisation of energy systems
- Green H2/ Power-to-X
- Digitalisation



## H2.SA

### Promoting a Green Hydrogen Economy in South Africa

#### Focus:

- Strategy development and framework conditions
- Building a green hydrogen economy
- Research, innovation and training
- Sustainability impacts and transition

## PtX Pathways SA

### Power-to-X Pathways

#### Focus:

- Development of sustainable markets for hydrogen (H2) and H2-based synthetic products (Power-to-X, PtX)

## JUST SA

### Just Transition to a Decarbonised Economy for SA

#### Focus:

- Support PCC in implementing JT Framework
- Develop diversified regional economy incl. skills and finance in MP
- Implement just & green economy action in selected municipalities in MP
- Mine rehabilitation & mine water treatment

## CPD4E

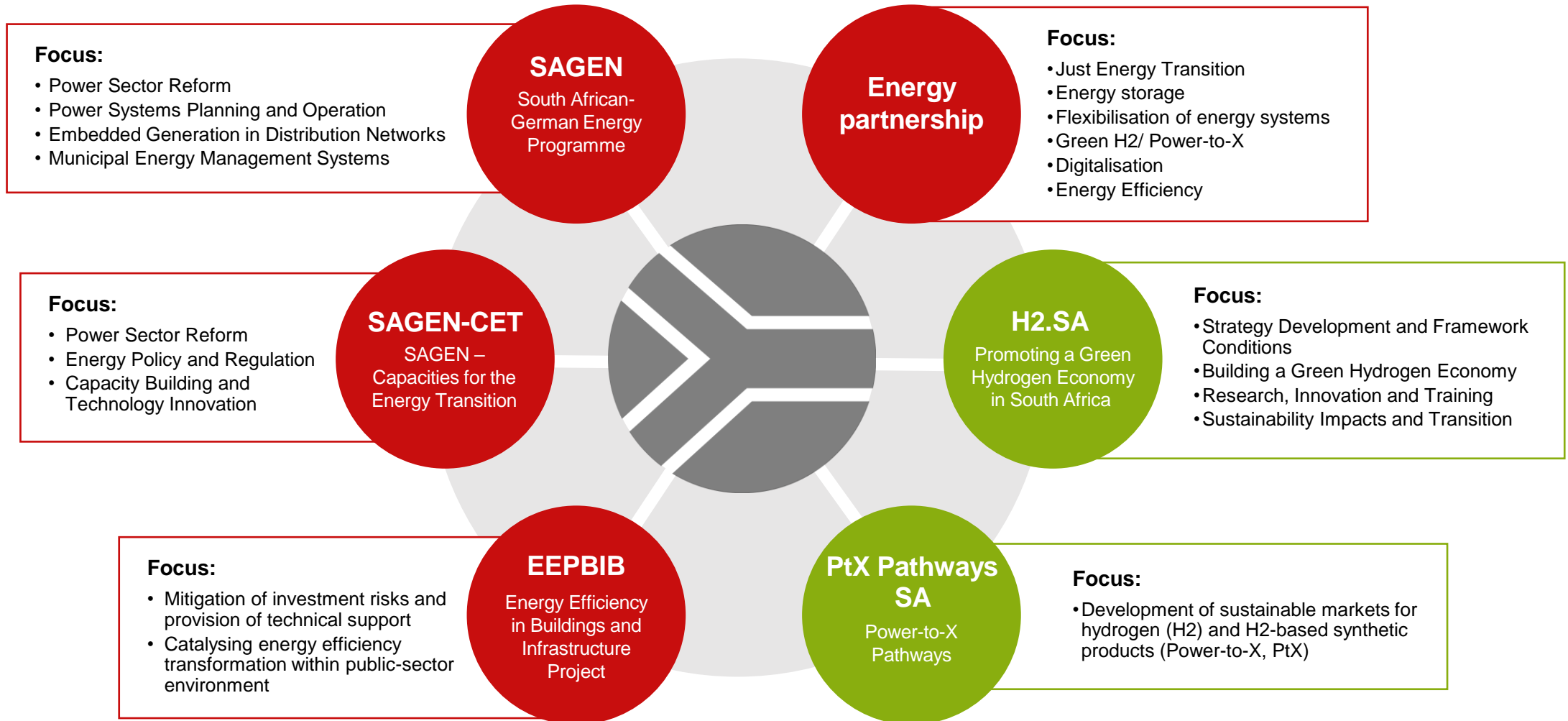
### Career Path Development for Employment

#### Focus:

- Skilling of South Africans for a decarbonised economy
- Support MSME & entrepreneurship in townships & eco-industrial parks on JET
- Pilot innovative approaches of employment promotion



# GIZ Just Transition: GIZ Energy Programmes



# An integrated Approach to shared Priorities



# Support for the Just Energy Transition : A Stepping Stone to a Just Transition



## Partners

TIPS, WWF, Eskom Generation, SANEA, Wits Business School, Mpumalanga Green Economy Cluster Agency, Presidential Climate Commission (PCC)



## Themes & Focus

- Supporting dialogue with public, private and the third sector on the opportunities and challenges of JET for employment
  - Dialogue events, capacity building, outreach
- Supporting transition and adaptation planning for Eskom Generation
  - Strategy development, capacity building
- Supporting institution building and structures for the JET and green development
  - Analysis, strategic advisory, supporting the establishment of relevant clusters
- Supporting the establishment of the MP Green Economy Cluster Agency (SAGEN/CSP)
  - Seed funding and capacity building for the first 2 year via GreenCape
- Support for the PCC multistakeholder dialogue process to draft and consult Just Transition framework
  - Co-funding with EU

# Just Transition : Outlook

## Outlook of Activities

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### 1. Just Transition to a Decarbonised Economy for South Africa

- Supporting the PCC in implementing the JT Framework, incl. Financing instruments
- Strengthening the MP Green Economy Cluster Agency to develop i.e. Green Economy Transition Plan for MP, incl. financing and skills
- Local level piloting on JT in selected municipalities, including SMME support, green jobs and skills development, knowledge platform between municipalities
- Support for mine rehabilitation and mine water treatment action in MP

### 2. Supporting communication and dialogue on awareness surrounding climate change and biodiversity

- Supporting the DFFE in raising awareness for climate change and biodiversity
- Supporting a Biomass Economy (restoration, water security, green jobs)
- De-risking of infrastructure and enhancing water resilience

### 3. Supporting dialogue, institution building and capacity building on the Just Energy Transition

- Support to Eskom in the development of sound adaption and transition strategies
- Dialogue series on employment in the context of the JET with TIPS and WWF
- JET Skills Roadmap with SANEA and the African Energy Leadership Centre at Wits
- Support to the Green Economy Cluster Agency in Mpumalanga with DEDT and GreenCape



**PRESIDENTIAL  
CLIMATE COMMISSION**  
TOWARDS A JUST TRANSITION



# Innovation Regions for a Just Transition



## Partners

CAN International, IISD, ILO, ITUC – Just Transition Centre, Wuppertal Institute for Climate, Environment and Energy



## Themes & Focus

**Objective:** Development of just transition plans from coal to renewable energy and other sustainable economic activities with a focus on the regional level.

### **Just Energy Transition in Coal Regions – Interregional Platform:**

1. International network of innovation regions
2. Policy dialogues
3. International knowledge hub

**Partner Countries:** South Africa (Mpumalanga), India and Indonesia



# Green Economy Transformation 4.0 (GET 4.0)

## Partners

UNEP, GO4SDGs, GGKP, GFPN, Partners for Inclusive Green Economy



## Themes & Focus

**Objective:** Sustain and increase momentum for decarbonisation of economic recovery through the implementation of practical solutions for transformation to inclusive green economies

### **Transformative Partnerships and Alliances**

- Actors of the global partnerships and alliances who promote the transformation towards an inclusive green economy through country activities and global learning are strengthened

### **Country Support**

- Policymakers from the four partner countries attain improved conceptual foundations for promoting the transformation to an inclusive green economy, particularly in the areas: *green fiscal reform, green finance, sustainable infrastructure, and inclusiveness*
- Support to the MP Green Economy Cluster Agency

**Partner Countries:** South Africa, Argentina, Costa Rica, Indonesia

# Just Transition to a Decarbonised Economy for South Africa (JUST SA)

## Supporting a Just Transition on all levels



### Partners

DFFE, PCC, Mpumalanga Province, MP Green Cluster Agency, Green Cape, TIPS, NBI, WWF, YES



### Themes & Focus

- National level:
    - Support the PCC multi-level dialogue; assistance to stakeholders from all levels to enable participation
    - Support implementation of PCC JT Framework
    - Development and research of policy initiatives and financing instruments
  - Regional level:
    - Support to Mpumalanga's Green Economy Cluster Agency in the development of alternative development pathways
  - Local-level:
    - Support to and implementation of pilot projects, incl. upscaling in selected municipalities in Mpumalanga; incentivisation of private sector action
    - Support for knowledge sharing between municipalities
  - Mine rehabilitation and mine water treatment
    - Feasibility studies and local implementation supported in MP
- Lessons learnt from planning and implementation will be looped back into the dialogue process.

# GIZ Portfolio Contacts



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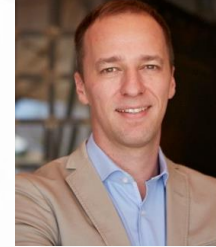
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