

# TRAIN THE TRAINER TO ACHIEVE SUSTAINABLE DEVELOPMENT THROUGH SCIENCE CENTRES

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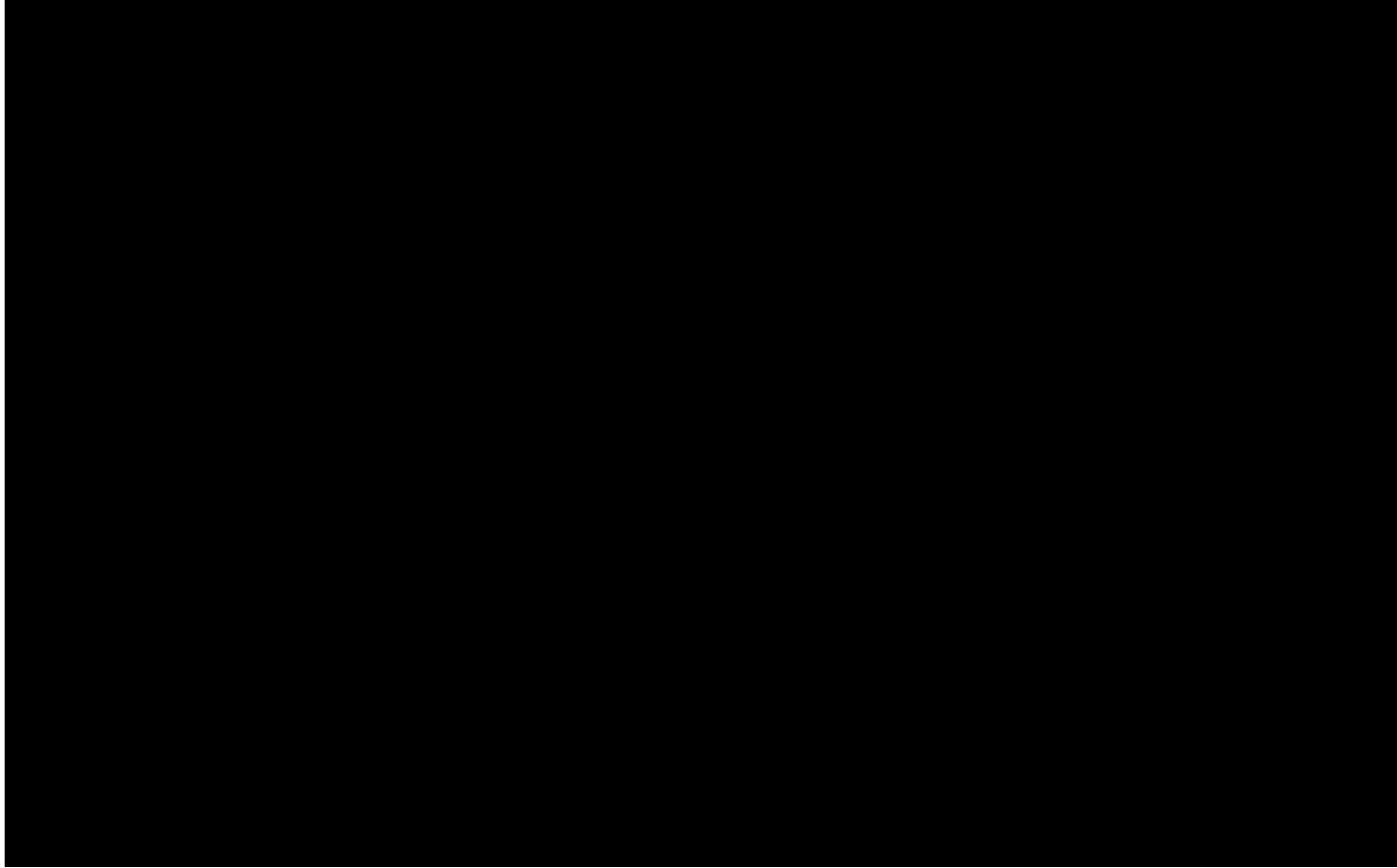
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# Overview

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# South African Youth Unemployment Situation



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# Introduction

SOUTH AFRICA YOUTH UNEMPLOYMENT RATE



SOURCE: TRADINGECONOMICS.COM | STATISTICS SOUTH AFRICA

**Youth unemployment in S.A. Jul 2016-55.3%**

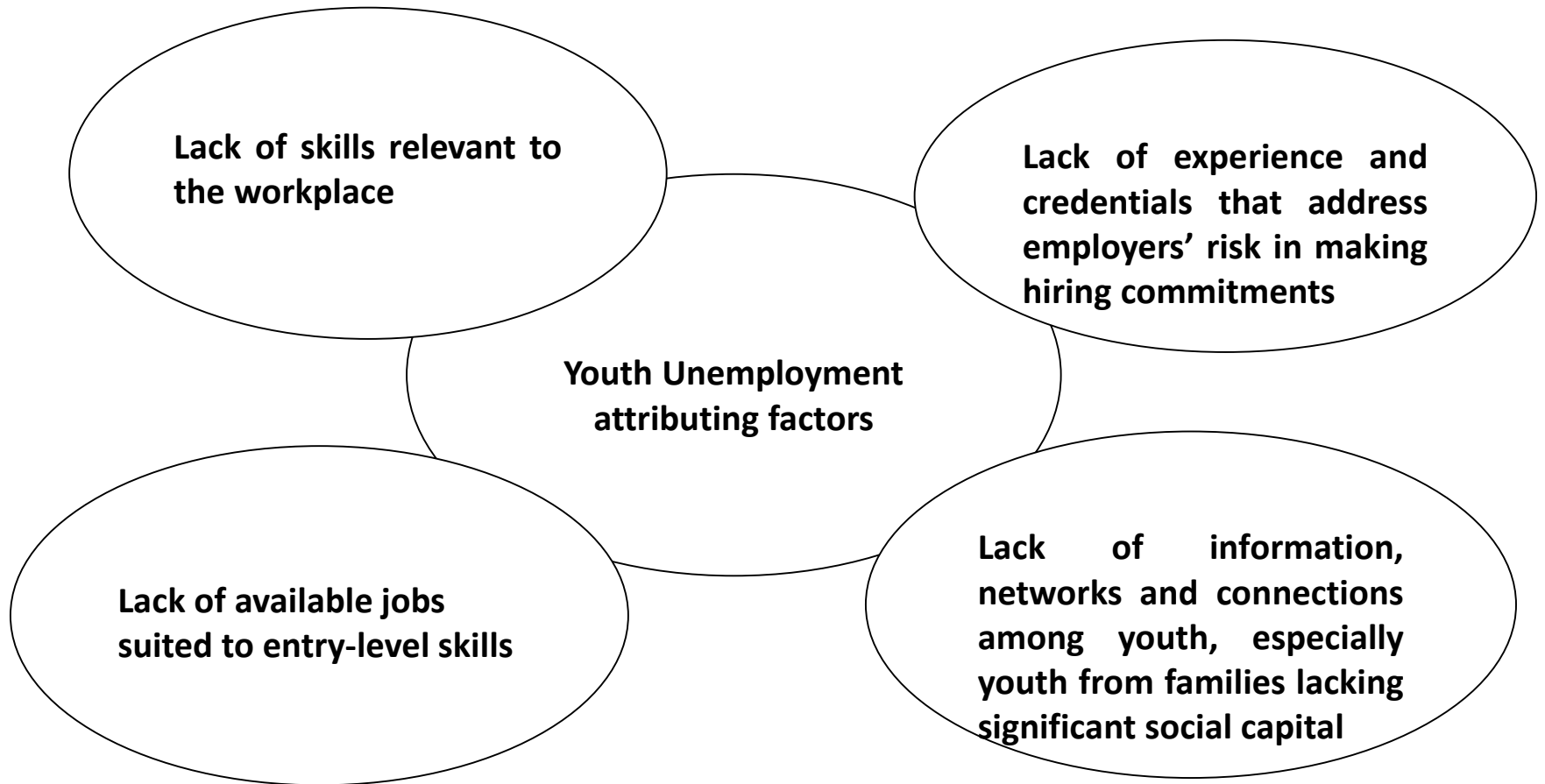


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# Youth unemployment attributing factors





# SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

SUSTAINABLE DEVELOPMENT GOALS



**Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable**



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a world class African city



Greener. Conserved. Yours.



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# Johannesburg City Parks & Zoo (JCPZ) response to the youth challenges: SDGs 11 - “Train The Trainer” Model

- Train the trainer – An Environmental and/or STEMI Youth Empowerment Model for popularisation of STEMI including addressing local environmental challenges in communities and schools .

## Selection Criteria

- Grade 12 and/or further tertiary education with interest in environmental issues and/or STEMI

# Train the Trainer Model: 7 Steps

- 1 • Need identification (skills, experience and interest)
- 2 • Training programme development aligned to the need
- 3 • Practical on the job training
- 4 • Independent implementation – coaching and mentoring
- 5 • Implementation in respective communities
- 6 • Ongoing support, provision of resources and co-designing of innovative projects and programmes
- 7 • Ongoing monitoring and evaluation-success factors



# Case Examples (Corporative model, eco-guides and learnerships)

## 1. JCPZ Cooperative Model

- **Step 1:** Individuals/groups are assisted to form a legal entity/company.
- **Step 2:** Identification of projects that the entity can provide services for.
- **Step 3:** Provision of start-up basic resources - rigorous admission requirements.
- **Step 4:** Exposure to a skills /incubation programme with the following formal training programmes:

# Corporative model continued

- **Business management acumen**
- **Service delivery principles (customer care and service standards)**
- **Supply chain processes and compliance**
- **Technical training responding to JCPZ mandate**
- **Basic financial and project management**

# Corporative projects continued



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# 2. Eco-guides Programme

- Unemployed youth within the City of Johannesburg are recruited to be Eco-guides.
- 6 months project.
- Training is based on distinct local environmental challenges including STEMI

# Eco-guides continue

Awareness  
Talks in schools-  
diverse content

## Projects



Food gardens development – food security projects

# Eco-guides continue

## Projects



## Street talks



Science demonstrations & shows

# Eco-guides continue

## Projects:

Mall  
exhibitions

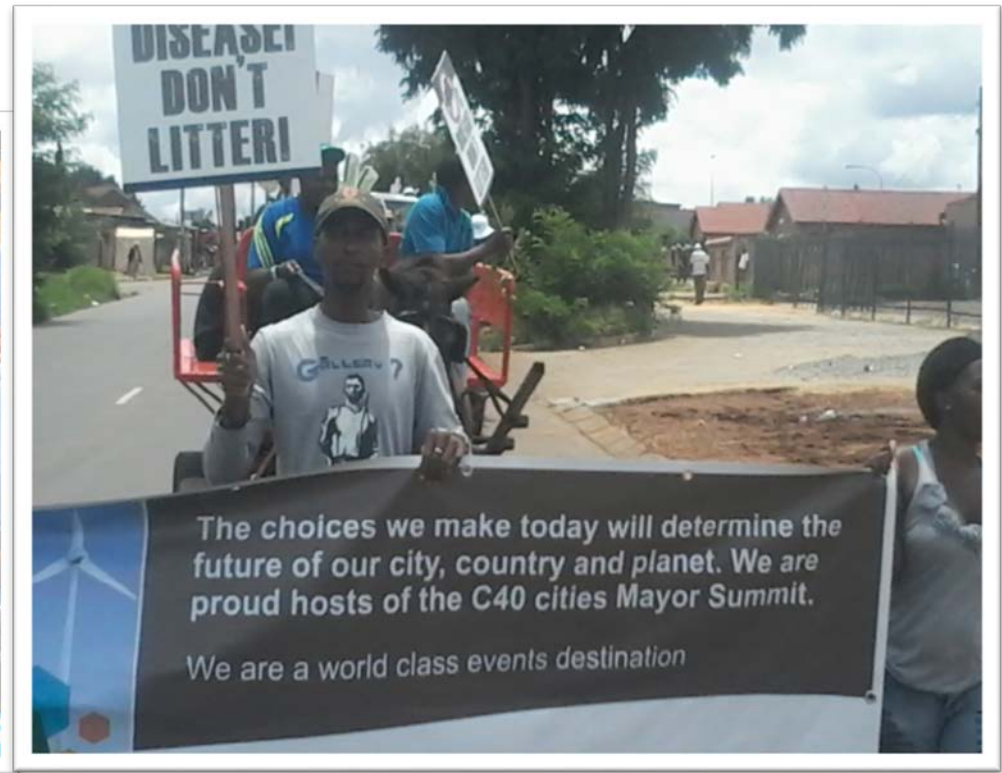


Door to door  
campaigns/house  
calls



# Eco-guides continue

Environmental advocacy  
campaigns

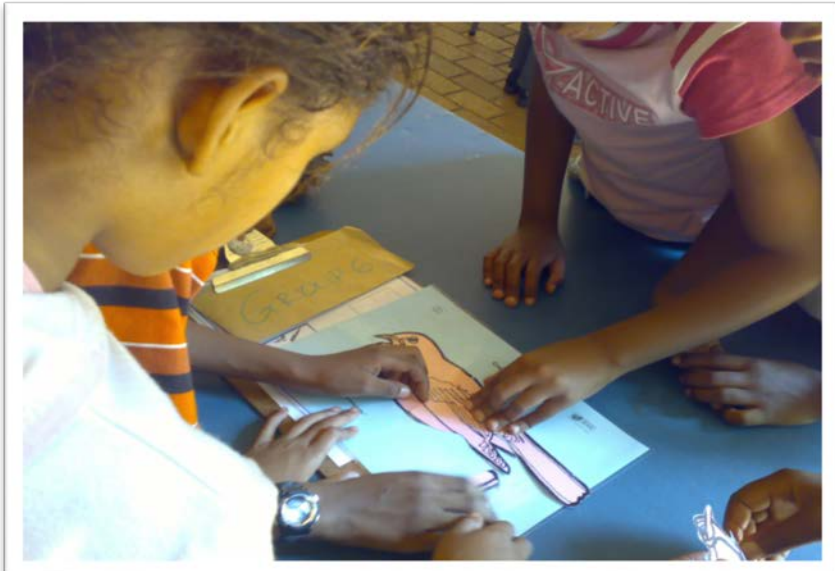




# 3. The Groen Sebenza Project (Green Jobs Programme)

- National Programme in partnership with South African Biodiversity Institute.
- Youth empowerment in the green industry- green skills and jobs.
- Entrepreneurial development.
- Diverse experiences (education, research, food production, wild life conservation and management, and wild fires management).
- Two year on-the job skills programme and includes nationally accredited programmes.
- Permanent jobs or own enterprises.

# The Groen Sebenza continue



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# Benefits

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# Benefits continue

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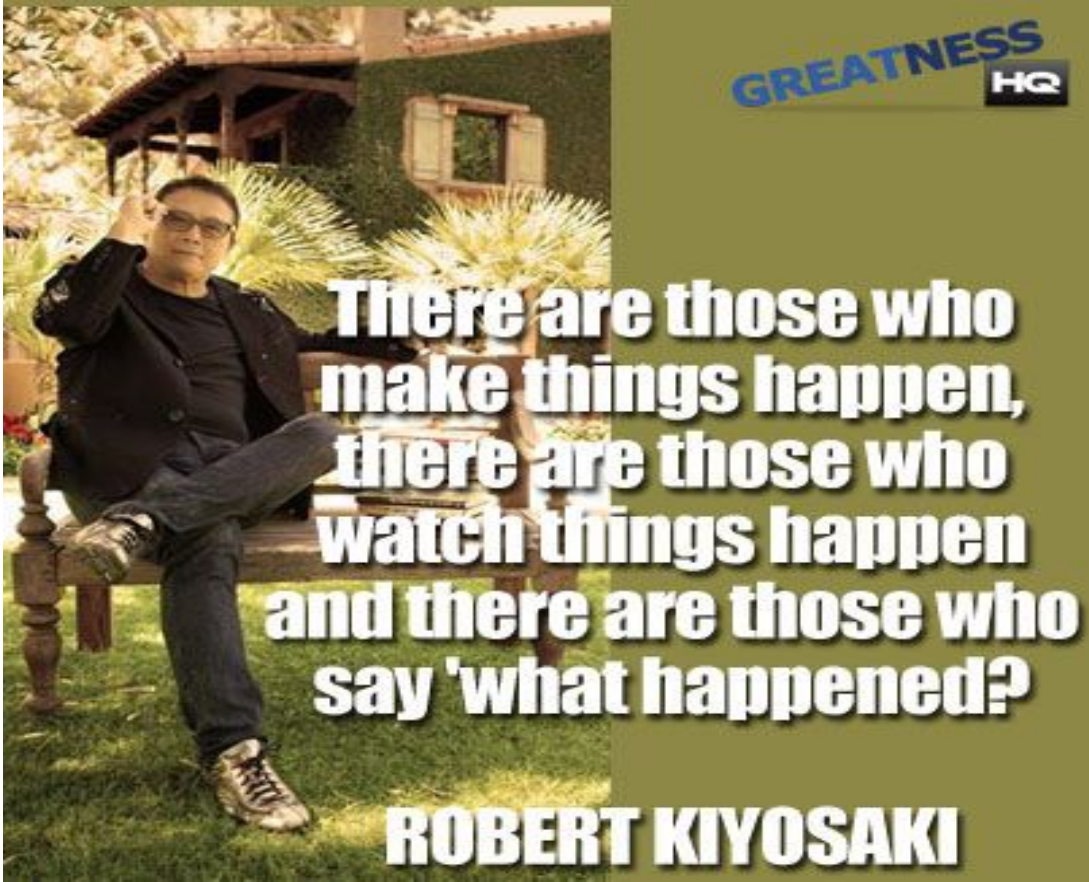


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# Conclusion

- **Skilled and employable youth (skills pool)**
- **Environmental stewardship , advocacy and sustainability**
- **Engaged communities in science centre programmes and projects**
- **Innovative science centre programmes with and for communities**
- **Increased levels of STEMI and environmental awareness and eventually sustainable use of environmental goods, services including conservation of green spaces**
- **More beneficiaries to be reached by science centres**

# THANK YOU



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