



**FUND ON INTERNATIONAL ENERGY (PIE) AN INTERNATIONAL PLATFORM HOSTED AT
STICHTING EUROPEAN CLIMATE FOUNDATION**

TIPS- ECF Fund- SMME in Just Transition Participation
Waste Sector Focus Group: 24 March 2024

Trade & Industrial Policy Strategies (TIPS), Elize Hattingh, Dr Michael Hector



Introduction: Project Team

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Program

10:00 to 10:10

Welcome & Overview

Speaker:

Elize Hattingh (TIPS)

10:10 to 10:40

SMME Opportunities & Barriers

Speaker:

Dr Michael Hector (TIPS)

10:40 – 11:30

Sustainable Waste Management Ecosystem

Panel inputs:

DFFE, NCPC, SRI, UsPlus, Indalo, Cause Development Agency

11:30 to 11:50

SMME Insights

Ntabiseng Lephoko, Phumu Muthanyi & Dr Romo

11:50 to 12:00

Q&A & Conclusion

Workshop Outcomes

- To identify opportunities for SMMEs in the Waste Sector: New commers such as youth-owned, female-owned, disability-owned and black-owned.
- To unpack green business barriers for local green entrepreneurs in the waste sector.
- To put forward recommendations for policy interventions or programmatic interventions.
- To foster collaboration across stakeholders in the green economy eco-system.

WASTE SECTOR ECOSYSTEM

Waste Sector Ecosystem

- Gathering waste data is a challenge
 - Few municipalities have functional weighbridges
- SA generated 108 Mt of waste in 2017, with 299 788 tonnes imported and 748 626 tonnes exported
- Estimated that SA's recycling rate only 10% of generated volumes
- There is potential for waste sector to improve and be a source for job creation through the circular economy

Waste Sector Ecosystem

- Each waste Stream has its own set of issues
 - Need for strategic responses
 - EPR – difficult to enforce on organic and construction waste
- Keep in mind, waste sector has a large informal sector
- Enforcement issues regarding national policy
 - Landfilling costs are still an issue
- Waste is a volume business – needs to make business sense

Waste Sector: Policy Support

- NEMA: Waste Act 2008
- NWMS (2020)
- EPR
- Waste Master Plan (DFFE)
- Chemical and Waste Phakisa
- Specific provincial and municipal policies

Ecosystem stakeholders supporting JT SMMEs

- Government – DSI, DFFE, CSIR – waste roadmap, provincial, municipal
- International organisations
- Private sector – Large businesses, like SAFRIPOL
- Universities, Research
- GreenCape
- PROs
- Industry Associations

GREEN BUSINESS OPPORTUNITIES

Waste Streams

- Plastic Waste
- E-Waste
- Organic Waste
- Construction Waste
- Hazardous Waste

Opportunities in the Waste Sector

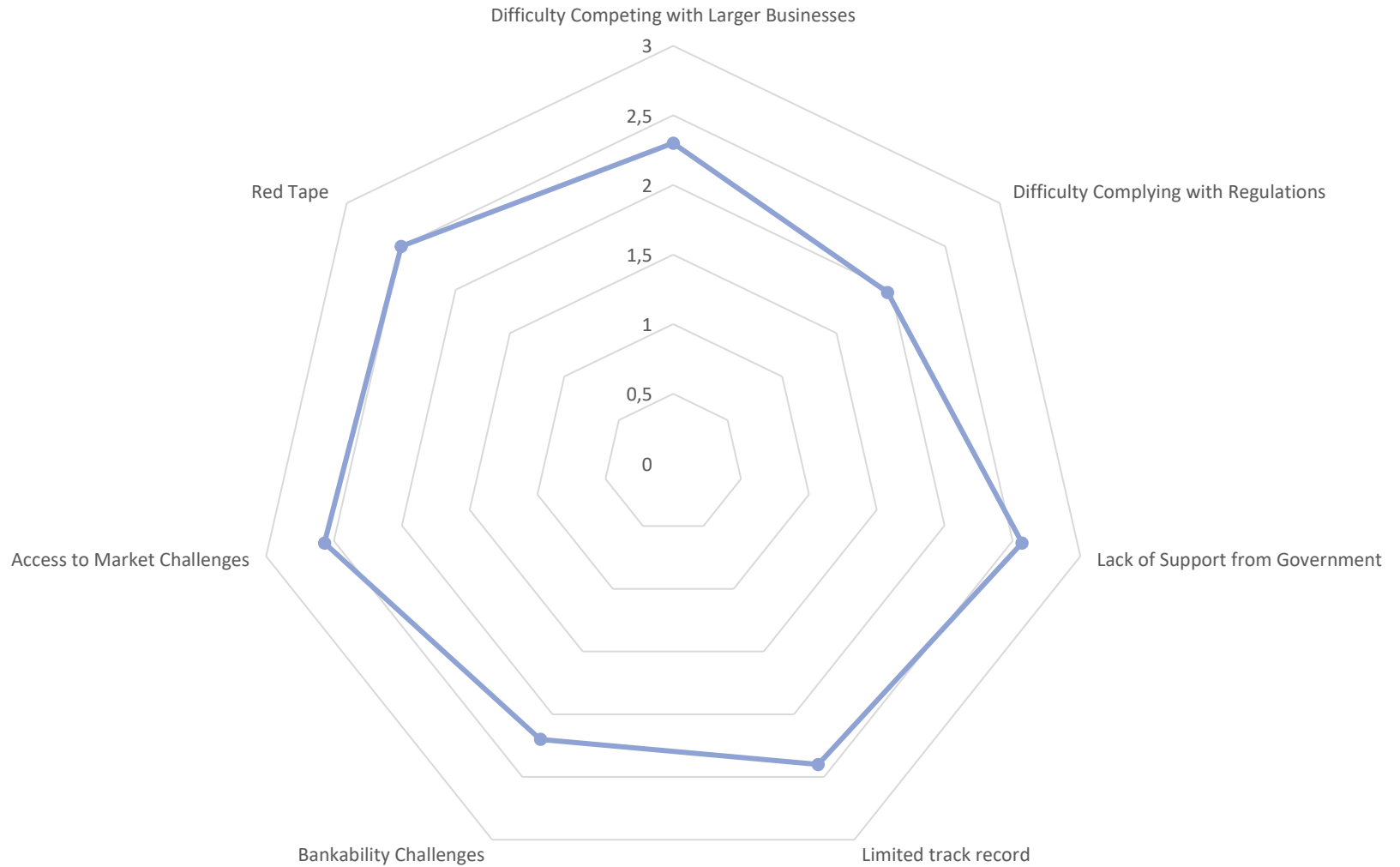
- Recycling Service
- Upcycling and repurposing
- Composting
- Waste reduction
- Eco-friendly & biodegradable product lines
- Rubber tire recycling

GREEN BUSINESS BARRIERS

Green Business Barriers

1. Broader Barriers
2. Preferential Procurement and Service Localisation
3. Loadshedding
4. Internal and external business challenges
5. Internal Business Barrier Severity Rating
6. External Business Barrier Severity Rating

Broad Business Barriers



Internal and External Business Challenges

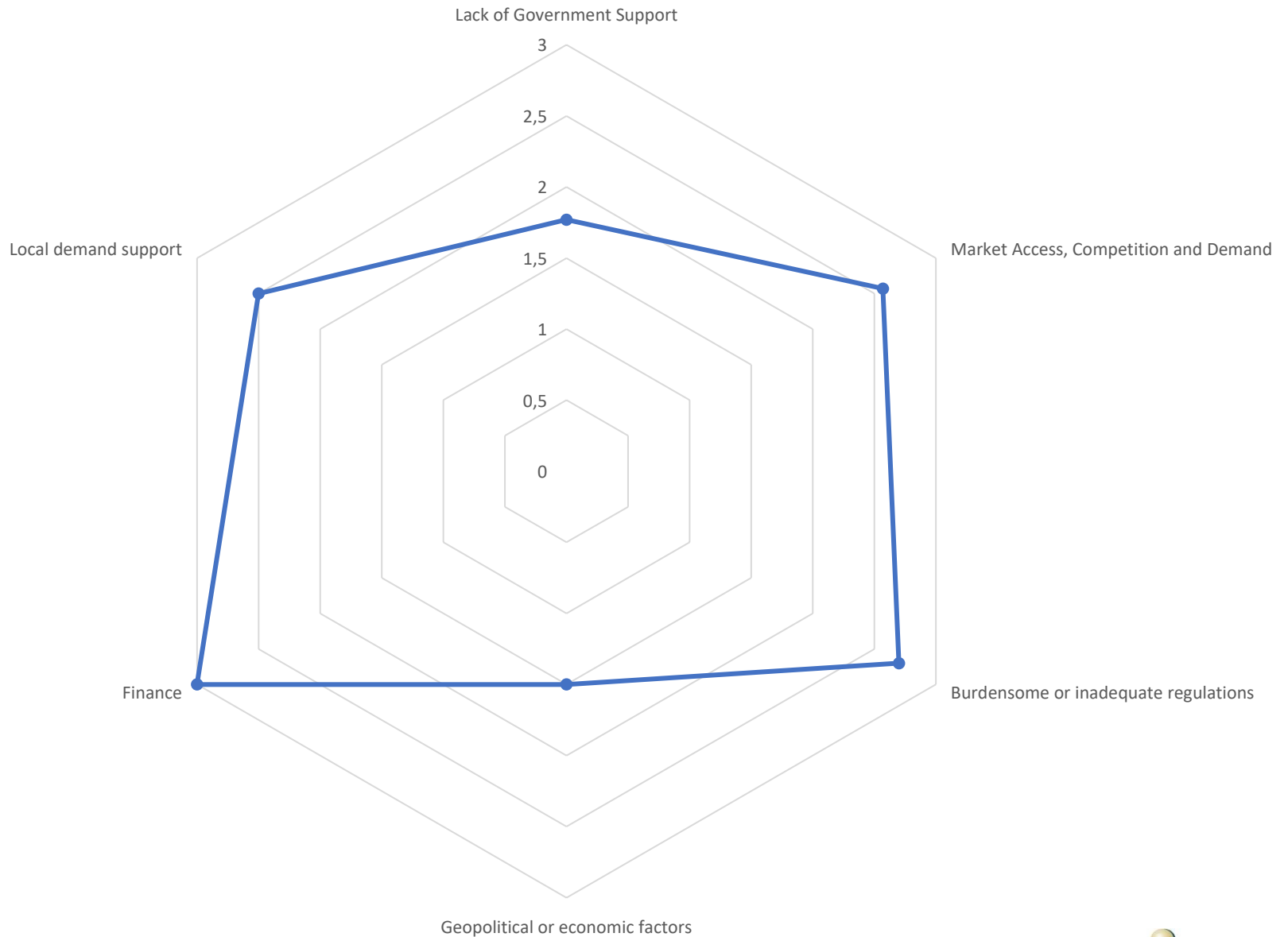
Internal Barriers

1. Strict Compliance
2. Marketing Capacity
3. Internal Operations
4. Finance and Capital management
5. Skilled Labour and Human resources
6. R&D and patent access

External barriers

1. Reach of Government support
2. Burdensome regulations
3. Geopolitical and macro-economic
4. Finance and Credit access
5. Lack of demand side support (logistics, access to volumes)

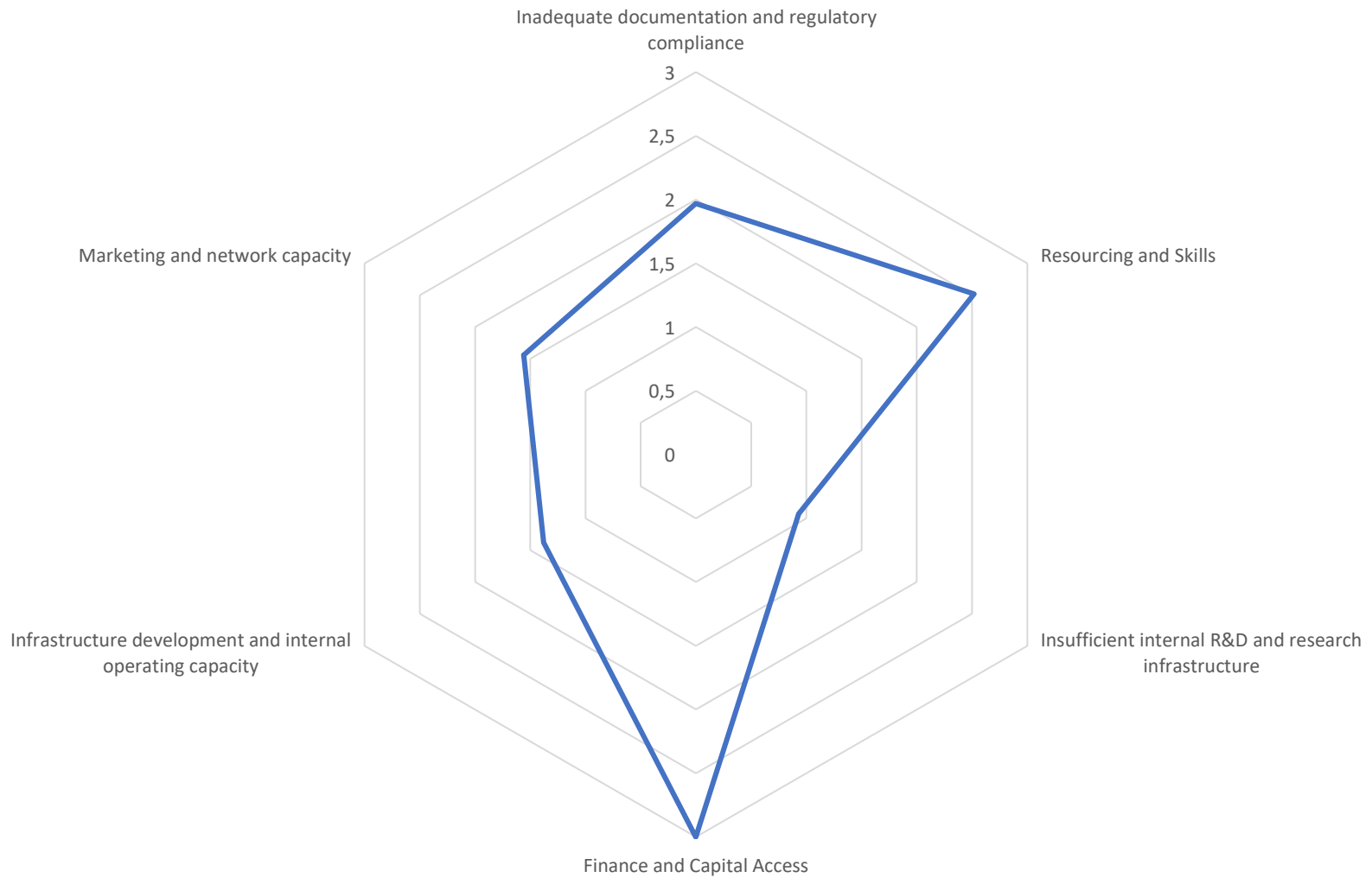
External Barriers



Authors' own calculations based on Green Cape Waste MIR, key informant interviews, academic articles



Internal Barriers



Panelist

Green Economy Eco-system - Key Informants for the waste sector

- National Government Insights by DFFE: *Dr Jenitha Badul*, (DFFE)
- Waste Sector Overview – Policy Development for Transformation (National Waste Management Strategy), What it means for SMMEs opportunities in the sector: *Susanne Karchner & Aysha Lotter*, (SRI)
- Access to Market: *Nicolette Booyens* (Cause Development Agency)
- R&D and Technology Development: *Julie Wells*, (NCPC)
- Access to Finance: *Nikolaos Kirkinis*, (USplus)
- Business Development & Incubation Programs: *Shamiela Reid*, (Indalo Inclusive)

SMME Insights

- Ntabiseng Lephoko
- Phumu Muthanyi
- Dr Romo

Trade & Industrial Policy Strategies

Supporting policy development
through research and dialogue

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