



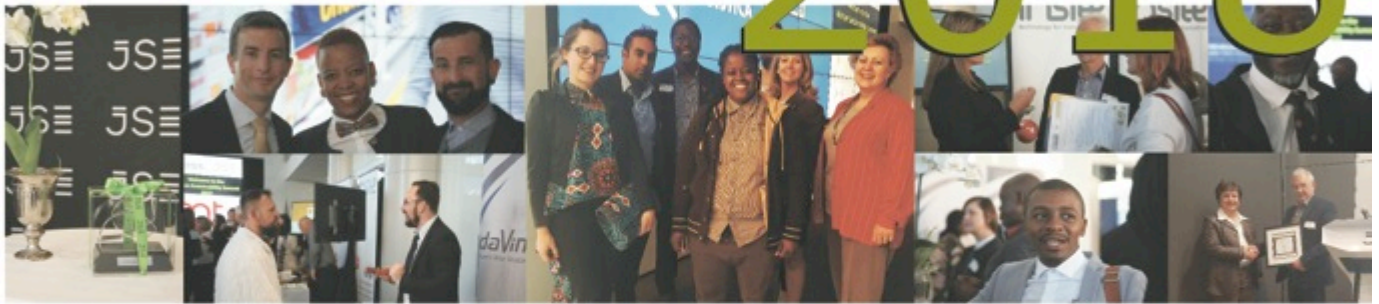
African

# SUSTAINABILITY SUMMIT

a project of  
the A-SDA

Platform for partnerships in a sustainable & inclusive economy

# 2018



## Redefining a Circular Economy:

Resource Efficiency, Clean Production & Industrial Symbiosis





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## 6 YEAR TIME LINE

2012

### AMIRA International

#### Sustainable Mining South Africa: Closed Session

- AMIRA Board Members & Guests
- Leads to AMIRA's P1024 Technical White Paper: Accelerating Innovation toward SD

2014

### Theme: Sustainability in the Resources Industry

#### Attendance Demographics:

**5 top represented industries:** Resources, Research, Academia, Consultants, Media

#### Organisational representation:

Senior Management, Middle management, Executive/ Director, CEO

#### Key-Outcomes:

Cross-industry engagement, foundation of collaborative network

2013

### 2nd Annual Global Sustainable Mining Summit, Toronto

- International Industry Leaders and key stakeholders
- Chaired by African Sustainability Summit Founder & CEO

2015

### Theme: Resilient Business through focus, engagement and co-creation

#### Attendance Demographics:

- 5 top represented industries: Business Consultants, Energy, Resources, Engineering, Finance

#### Organisational representation:

Management, Director / Executive, CEO

#### Key-Outcomes:

- Launching of SME Development Programme, Founding of industry Wisdom Board



2016

### Theme: The Tipping Point: Gearing for it, Pushing it, Embracing it

#### Attendance Demographics:

**5 top represented industries:** Digi-tech, Media, Finance, SME, Research, Academia

#### Organisational representation:

Senior Management, Middle Management, Executive / Director / Owner / CEO

#### Key-Outcomes:

Announcement of the non-for-profit A-SDA, Focus on Enterprise development launch: Green Pitch SME programme; Value Chain Development

2017



### Theme: Bring your piece of the puzzle: Collaborative Solutions & Innovative Partnerships

#### Attendance Demographics:

- 5 top represented industries:** Digi-Tech, SME, NGO, Government, Academia

#### Organisational representation:

Senior Management, Owner, CEO, Director / Executive

#### Key-Outcomes:

- Active community of practice, collaborating on projects, SME development
- Summit & Green Pitch as key projects of the A-SDA



2018

### Theme: Links and value chains: Unpacking value chain design & performance

**Look forward to:** Show-case A-SDA flag-ship projects, Lively debate and constructive collaboration



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The African Sustainability Summit and SME Green Pitch programme are both flagship projects of the African Sustainable Development Association, a non-for-profit organisation that seeks through collaboration and networks to implement projects of impact.





## EXECUTIVE SUMMARY

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Traditionally, 'sustainability' is a term synonymous with 'green' and eco-consciousness. For the past four years, the African Sustainability Summit has endeavoured to widen this consciousness to all aspects of business, including infrastructure, communities and value chains.

The quest to improve business resilience, drive innovation and implement sustainable business models is driven by the need to transform the economy to ensure inclusivity and sustainability. This is certainly informed by the need to reduce the pressures on environmental resources and lower society's impact on the earth ahead of exponential population growth, but also by the need to drive economical transformation through enterprise development and value chain creation.

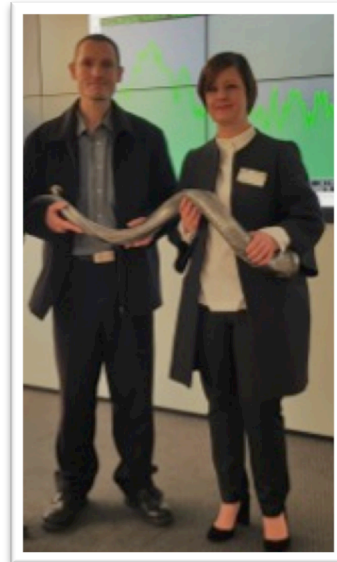
The Summit is a show case event of the **African Sustainable Development Association**, a not-for-profit entity that seeks through collaboration to grow networks aimed at implementing projects towards sustainable development.

The Sustainability Summit has a six-year track record and for the past four years it has been hosted in its current form – a platform for business leaders to share success stories and case studies, (focusing on solutions in our diverse economical reality and presenting their lessons learnt), offering a platform for trusted collaboration and building of relationships towards more sustainable, agile business for South Africa and Africa.

The Summit is aimed at senior leaders, decision makers, executives and business owners and has been consistently attended by this target group cross-industry from industry, academia, government, research, civil society and SME's.

With the launch of the African Sustainable Development Association and the Green Pitch SME Programme, at the event in September 2016, a new era of collaboration is dawning. The Summit is no more a lone-standing annual event, but rather a showcase of the Association's members and a networking event where like-minded leaders can connect.

We invite you not only to take part in the Summit but also become members of a growing network of organisations – the African Sustainable Development Association.



*Mr. Raldu Nel, Chairman and founder of the Summit and A-SDA with Ms. Annelize van der Merwe, Director: Green Economy Industries, Dept. of Trade and Industry*

**Raldu Nel** ... *big picture thinker*

**FOUNDER & CEO A-SDA & AFRICAN SUSTAINABILITY SUMMIT**



## SUMMIT KEY DIFFERENTIATORS

- The African Sustainability Summit is the only and most active Sustainability Summit platform in Africa that is project driven
  - Solid 6 year track record
  - Multipurpose as a content provider, collaboration platform, and leadership network for the last 4 years
  - More than 85 programme contributors and more than 90 collaborating companies
- It is strategically governed by a cross-industry, multi-stakeholder Wisdom Board to provide relevant insights and direct all collaborative and project implementation efforts
- It promotes active collaboration between public and private businesses, and partnership with local and global technology and sustainability innovation networks
- It facilitates topical cross-industry and multi-stakeholder Deep Dive and masterclass platforms
- It includes the SMME Green Pitch, which showcases and enables the sustainable business performance of at least 10 new SMMEs per year
- It has a demonstrated legacy of the co-creation of technology innovation strategy, 6 Capitals Principle programme management, and facilitating value chain collaboration for sustainable business performance.
- It is outcomes-based as it propagates a thriving community of practice.
- The Summit demonstrates the true power of collaboration through its partnerships.



*Discussion asked all the uncomfortable and important questions: Gareth Armstrong, Puleng Makhoalibe and John Vlismas*

### Summit Goals:

- To provide a **vehicle and collaboration platform** where business leaders who are passionate about business transformation in Africa and South Africa can meet in a trusted environment – only with understanding comes trust and only with trust comes collaboration that leads to solutions.
- To **broaden the idea that exists about "Sustainability"**. The Summit brand and ethos is mainly underpinned by the 6 Capitals Principle, taking the integrated reporting model to a next level we have demonstrated that the 6 Capitals is the most inclusive model for sustainable business.
- To be a **positive force of change** and a bridge between big business and small business and to foster public- private partnerships, not just a talk show, but also a meeting of minds and ideas that result in projects and change.



## OVERVIEW OF SUMMIT 2014 - 2017

While Summit 2014 focused on the recourses industry post 2015, Summit 2015 focused on the theme: How do you make resilient business transformation happen and although the recourses industry was still represented in the programme and audience it was a cross-industry summit unlocking the true potential of a collaborative network. In 2015 the Wisdom Board was formed, a group of industry leaders that are invited to inform content, identify projects and ignite collaboration.

Summit 2016 explored imminent change and how companies and leaders deal with that. 2016's Summit also saw the launch of Green Pitch – the SME development programme of the A-SDA, where deserving finalists have the opportunity to pitch their products or services to a panel of expert judges,

Summit 2017 called for participation and cross-industry and –sector leaders to collaborate and "Bring their piece of the puzzle". 2017's Summit also showcased the finalists of the Green Pitch Programme and announced the first 'Trail Blazer Award' – an Award given in recognition to a South African who is leaving a Net Positive Impact with the work they do. This year's award was given to Ms. Brenda Kali, CEO of Conscious Companies South Africa.

Summit 2018 will focus on enterprise development and value chain design for an inclusive and sustainable economy.

### Collaborating companies in 2016 included:



### Collaborating companies in 2017 included:



## **SUMMIT 2017 KEY TAKEAWAY POINTS**

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The quest to achieve the sustainable development goals as outlined by the United Nations, South Africa's own National Development Plan and the strategies of NEPAD and the African Union, necessitates collaboration and innovative partnerships. The 2017 Sustainability Summit was a one-day event held on the 29<sup>th</sup> of June at the Johannesburg Stock Exchange for the third year running calling on all stakeholders to bring their piece of the puzzle and together build a map to navigate towards a sustainable future.

The day's programme combined insightful keynotes, innovative case studies, a provocative panel discussion and brave SME pitches from our Green Pitch finalists. Notable contribution to the Market Event where made by Corli le Roux (Head of Sustainability at the JSE), Ms. Annelize vd Merwe, Director: Green Economy Industries (Dept. of Trade and Investment) and Mr. Raldu Nel, Summit Chair and CEO of the A-SDA on the power of collaborative network in the "Ubuntu" context.

MC-ed by Shamiso Khumbirai, World Economic Forum Global Shaper, Water Engineer and Sustainable Development champion the first morning session was kicked-off by Mr. Raldu Nel and Mr. Paramesan Mathen (Resilience Capital), proposing potential solutions for bridging the funding gap for sustainable development projects. Ms. Brenda Kali, CEO of Conscious Companies, delivered the opening keynote: A poignant and hard-hitting keynote on the Sustainable Conscious Leadership in Action: placing ethics and humanity at the core of our economy and socio-political agenda. Brenda was also awarded the "Trailblazer" Award, an award to recognize work of an individual or organisation that is make a net positive impact.. The first half of the morning was concluded by a provocative discussion, facilitated by Henley Africa Business School's Gareth Armstrong with panelists Puleng Makhoalibe (Head of Innovation, Creativity and Entrepreneurship at Henley) and John Vlismas, well-known stand-up comedian and social commentator. The audience participated with great enthusiasm, discussing the relevance of sustainable development and it will disrupt industries.

Second half of the morning started with an inspirational case-study by Nonhlanhla Joye, founder of Umgibe Farm and Training Institute on how she developed a system for urban farming, employing recycling and up-cycling as well as hydroponics principles to empower local communities. The session focused further on agriculture with Dr. Hennie Ras sharing IQ-Thentic's ground breaking Traceability and Eco-Labeling Technology that is pioneering a new era in South African Agriculture. Ms. Vicki Shaw Programme Manager for the Mine Water Coordinating Body of NEPAD (MWCB) presented the MWCB's work done using Clean Technology Solutions for integrated water management, sustainable mine closure and rehabilitation. Before breaking for lunch and networking, the session was closed by a practical and thought provoking presentation by Prof Bennie Anderson, Dean and CEO from The Da Vinci Institute on how managerial leadership can and should facilitate sustainable socio-economic development.



## GREEN PITCH 2017

2017's Summit hosted the second Green Pitch SME finals.

The African Sustainability Summit Green Pitch rewards and recognizes top African entrepreneurs that demonstrate the Net Positive Impact their product or service has on their industry, value chain, ecology or community.



The purpose is also to:

- Create broadened awareness of the holistic 6 Capitals Integration & Interdependence Strategy
- Provide collaboration opportunities that might lead to funding and match making
- Open up incubation possibilities
- Acceleration programmes
- Corporate challenges

These finalists had the opportunity to go through a mentoring session with some of the top leaders of industry before their final pitching session at the Sustainability Summit. As part of a strategic partnership between The African Sustainability Summit and The TT100 Awards programme of The Da Vinci Institute and the Dept. of Science and Technology, all finalists also had the opportunity to take part in this year's TT100 Awards programme. Green Pitch nominees had to demonstrate the Net Positive contribution their service or product has towards a sustainable and inclusive economy.

This year's finalists where:

**Kgoshigadi (Winner):** A social enterprise that locally manufactures a low-cost and biodegradable brand of women's sanitary pads made from farming agri-waste manufactured to the highest quality and safety standards.

**Bokashi Bran:** A company specialising in food waste management, training commercial kitchens to separate food waste at source, reduce the volume of food waste and treat with bokashi in order to be suitable compost.

**Romand Handt:** Roman Handt interrogates the role of the 21st century man through the use of fabrics, pattern cutting and construction methods. Roman has developed an artisanal approach to his designs with a ground breaking virtual reality edge to viewing fashion.

**Connect:** A consultancy providing much needed health risk assessment and care coordination, this service provider offers a holistic approach in the care and treatment of psychiatric and geriatric patients with the focus on dementia and frailty syndrome.

**The Good Company:** Creates sustainable futures and delivering positive social impact with good water, energy and food technologies, providing cost-effective nutritious food and employment opportunities.

**Protovate:** Sources FSC certified timber to create eco-friendly, customised, concept products and furniture. They develop flat-pack products and furniture, which tackle modern ergonomic challenges like posture with simple solutions.





**Tsonga Pride:** Believes in re-cycling and sustainable living. This business started in the 1980's as a hobby and creates clothing and accessories made from recycled materials.

**Panel of Judges overseeing the adjudication where:**

Pam Ramagaga (SANTAM: Niche Business Manager)  
Shamiso Kumbirai (WEF Global Shaper, Civil Engineer)  
Bertie Lourens (WastePlan: MD)  
Dionne Kerr (Siyakha Consulting: CEO & Founder)  
Tracey Cooper (Mining Dialogues 360: Founding Member & Executive Director)

**Mentor's of this year's finalists where:**

Juliette Jenner (Dynamic Voice Company)  
Raldu Nel (A-SDA & Resilience Capital)  
Prof Sunette Pienaar (Emergence)  
Mark Williams (VantagePoint)  
Zanele Monakghotla (FreeWi)



From left to right: Jovana Korac, Kgoshigadi | Shaheen Hoosen MC, Regional Manager, Chamber of Commerce | Sandile Nkosi, Protovate | Junie Sihlangu, Tsongla Pride | Roman Handt | Bronwyn Jones, Bokashi Bran | Emmie Jackson, Health risk assessor & care coordinator.



### The 2016 finalists were:

- **5 Star Stoves:** A base of pyramid residential energy service company
- **Khepri Biosciences:** Insect based animal feed oils and protein for emergent markets.
- **LiGE Qube** resolves the ENERGY AND WATER challenges that large and medium businesses face in the world today! Our technology: The LiGE Qube – Compressed Air Energy Storage.
- **Modular Innobox:** Turnkey social business in-a-box solution provider.
- **Carbotect™** is a proprietary diagnostic aid for the detection of ultra-low levels of organic residues in water samples and to underwrite quality assurance programs in the high-risk Food, Water and Beverage industries.
- **Lamocorp:** Lamo Solar is a youth-led renewable energy solutions provider currently specialising in solar photovoltaic (PV) technology.
- **Systemdex:** Designing a System that simulates the Ocean conditions so that the ocean fish can be breed anywhere other than the Coastal areas.
- **GROMAC Agricultural:** Re-engineering a proven farming technology for the African climate and workplace. Incorporating water and nature conservation, skills development and employment, sustainable grazing and biogas production, rural economy and social development into its business model.
- **NewCarbon:** Developing innovative solutions to produce biochar in a

### 6 CAPITALS MODEL: OVERALL VALUE CHAIN PERFORMANCE





The African Sustainable Development Association is a non-for profit organisation that drives collaborative project implementation towards sustainable and inclusive development.

**A-SDA Vision:** *Step changing Africa to be the Continent of Choice!*

**A-SDA Mission:** Grow a collaborative PPP ecosystem with the focus of implementing step change projects towards sustainable and inclusive - development in South Africa and Africa, through our:

- Ecosystem management
- Sustainable Development Projects
- Academy
- Deal-making platform and readiness reviews
- Project funding
- Business Services

**Strategic objectives are:**

1. To stimulate, grow and leverage a sustainable development PPP eco-system
2. Co-create and implement sustainable development projects
3. To make a net positive impact

**Through trusted collaboration the A-SDA aims to equip South African and African corporate business to partner with local SMEs to be globally competitive and enhance their value chain performance in a number of ways:**

- Balancing supply and demand (sustainable long-term partnerships)
- De-risking supply chain (Instilling a culture of trust and transparency),
- Increasing competitiveness (operational efficiencies, quality, profitability, volumes, capacity building, access to markets and finance, etc.)
- Leading industry transition to sustainable and inclusive growth (collaborative implementation)



### Focus Areas:

Within the framework of the United Nations Sustainable Development Goals and the South African National Development Plan, the A-SDA has identified these areas of critical importance. All our projects and incubation are focused on these areas of interest:



**Agriculture & Agri-processing**



**Clean Tech**



**Circular Economy & ESD**



**Digi-Tech**

### Indicative A-SDA – PPP - Collaboration Projects Include:

- African Sustainability Summit @ JSE
- SME Development-Green Pitch Initiative at the JSE
- Sustainable African Village (Aquaponics)
- Green and Inclusive Growth Digital Trading & SME-Development Portal
- Various Value from Waste Projects enabled through Digitization, Clean Technology and Inclusive Business Model Innovation
- Hearbeat Rural Entrepreneurs Mentorship Programme Implementation Project

### Membership Fees (ZAR) Period 2018/19:

Corporate & SOE's:	R150, 000
SME:	R 75, 000
Research & Tech Transfer Offices	R 7, 000
NGO/NPC:	R 7, 000
Start-Up:	R 500

*\*\* Ensuring inclusivity for Start-ups, SME's and NGO's, Membership Fees application is at the discretion of A-SDA Wisdom Board*

### Benefits:

1. Access to the **AfricaPace Business "Deal Making" Portal** – Market Access (Local & Global value chains) and Investment.
2. Key Stakeholder Engagement Tickets to **Annual African Sustainability Summit** and SME-Green Pitch Event, Quarterly Innovative PPP-Deep Dives, Special offers on A-SDA-partner events.
3. **Access to Turnkey SD-Project Delivery Capability i.e.**
  - Business Services (Including: Stakeholder Engagement & Communication, Strategy, Implementation (Project Readiness & Development), Enhancing Value Chain Performance, Resource Efficiency and Clean Production, Etc.
  - Academy (Leadership Development: Innovation and Green Skills
  - Enterprise and Supplier Development (ESD)– Capacitating, Scaling and Linking SME's for local and global value chains
  - Access to top SA Incubators – linking vetted entrepreneurs and SMME's enhancing your value chain performance.

**Please Note:** The A-SDA will craft a Turn-key Value proposition with each member ensuring maximum value – activating the **10% discount** on all A-SDA Business Services. All SME's Member will be eligible for the **Global Reporting Index's Competitive Business Program, to the value of R7, 500.**

*\*\*Special offers on research & thought leadership reports*







**6<sup>th</sup> ANNUAL AFRICAN SUSTAINABILITY SUMMIT 2018:**  
**Focusing on SD GOAL # 17**  
**Theme: Redefining Circular Economy**

Focus: Enhancing Value Chain Performance through Demand LED Green Economy  
Industrialisation Strategies, specifically enhancing the integration of SMEs into  
formal value chains.

**Topics:**

Circular Economy Value Chains  
Cross Industry Collaboration SD-Projects  
Resource Efficiency  
Clean Production  
Eco-Industrial Parks (Industrial Symbiosis)  
Trade and Investment

Summit 2018 is scheduled to take place in November 2018 and serve as  
showcase and networking event of the African Sustainable Development  
Association.

**2018 Theme and Purpose:**

This year's Summit will focus on the theme: Redefining a Circular Economy:  
Resource Efficiency, Clean Production & Industrial Symbiosis.

In a growing economy where enterprise supplier development, SME development,  
preferential procurement, inclusive economical growth and the need for job  
creation and economical stability is the hot (and necessary) topics, Summit 2018  
will unpack and demonstrate how enhancing value chain performance through a  
circular economy approach not only brings about sustainable and agile  
businesses, but provides opportunities that answers to all the topics on the table.



## DRAFT AGENDA DAY 1: 20 NOVEMBER 2018

### Keynotes include:

**Raldu Nel – ASDA Chairman:** Enhancing Value Chain Performance through Demand LED Green Economy Industrialisation Strategies



**Ndivhuhu Raphulu Director of the National Clean Production Centre (NCPC), CSIR Implementation Unit) and President of RCEP Africa:** ECO-Industrial Parks – Context: Industrial Symbiosis.



### A-SDA Project Updates:

Innovative Cross Industry Collaboration Case Study - Resource & Forestry Industry

Sustainable City Transformation – 2021 & 2030 – PPP



Africa Pace – Business Development Portal > 10,000 Members



### PANEL DISCUSSION:

Trade & Investment Opportunity In South Africa And Africa

TOPIC: Making Friends and Influencing Countries: How trade agreements are redefining value chains.



### CLOSING KEYNOTE: TBC

Competitive Business: Material aspects and the need for integration of SMEs into formal (local & global) value chains.

**AWARDS EVE CEREMONY: Recognition of excellence in development**



## The Big Picture Awards Concept:

The purpose of these awards is to reward and recognise excellence in very specific areas of sustainable business development.

We invite our boardmembers, sponsors, collaborators and other existing awards programmes to nominate organisations and sponsor prizes that would encourage these organisations to keep on doing what they are doing. Entries open in June 2018 and close entries by end of September 2018.

A1	Sustainable Business Performance (Net Positive)
A2	Global Competitiveness (Local Production & Export)
A3	Import Replacement (Local Production)
A4	Sustainable Supply Chain (Local Sourcing, Green Procurement & ESD)
A5	Innovative Agri-Tech Application
A6	Clean-Tech Application
A7	Digi-Tech Application
A8	Intra-Africa Trade
A9	Enhancing Value Chain Performance SME's – linked Formal Value Chains
A10	UBUNTU Culture and Values





## GREEN PITCH DRAFT AGENDA DAY 2: 21 NOVEMBER 2018

### Strategic Positioning of GREEN PITCH 2018:

The purpose of Green Pitch 2018 is enhancing Africa's top SME's Competitiveness through sustainability reporting toolkits, holistic business strategy and business model innovation—bridging the gap between the formal industry value chains and SME's Supplying, which is key to Growth in Africa's Emerging Economy.

*Green Pitch rewards and recognises brave Entrepreneurship 'SME's' which demonstrates the Net Positive Impact their Business Performance, Product, Services, Technology or Project has on the economy, environment, community and competitiveness of the industry or value chain: Showcasing the best African SME's*

**MC TBC:** Ms Corli le Roux, Program Manager – A-SDA – GRI Competitive Business Program or Ms Shamiso Kumbirair, WEF Global Shaper and Water Engineer

**Keynote 1:** Industry Case Study: Formalising Industry demand – local & global value chains “sustainable procurement/ESD” – creating line-of site for SME's: Sappi SA Project Khulisa KZN-Transformative Industry Case Study with 22 year Track record

**Keynote 2:** EARN International – A case for mentorship and agricultural incubation, Joshua C. Ngoma, Pr. Eng., Founder & Chief Enabler

### Lunch & Networking

**Top 10 Pitches in these focus areas:** Agriculture Industry and Agri-Processing Technologies; Automotive Industry; Clean Technology (Renewable Energy, Water & Waste); Circular Economy – Redefined Value Chains (ESG); Digital Technologies

### Final Adjudication & Winners Announcement

**Corporate VALUE CHAIN MATCH-UP'S– Focussed Ideation:** Panel & Facilitation:

*Goal: Confirming key stakeholders for ongoing Corporate, SME's Incubation and mentoring program*





Endorsed and supported by:



For More Information Contact: Surisa Nel, COO: [info@africansda.org](mailto:info@africansda.org).

