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### Eskom Development Foundation NPC

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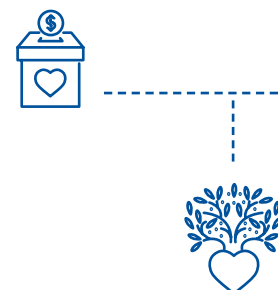
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Registration number 1998/025196/08

## CEO'S FOREWORD



**CECIL RAMONOTSI**  
Chief Executive Officer



Fifteen years ago, former President Thabo Mbeki spoke of South Africa having two economies and there being a massive gap between the two. Using a double-storey building as a metaphor, Mbeki said there was an upper level modern economy as well as a bottom one where the poor were trapped and there was no connecting staircase.

That scenario still exists and the work to find quality sustainable solutions continues from all quarters. As the Eskom Development Foundation, at the heart of our business is an undying hunger and relentless quest to contribute to achieving significant and sustainable socio-economic development.

The Foundation's work in social and community development has gained momentum over time with many initiatives being launched. Many of these are highlighted in this report. These include the enhancement of education from early childhood, to the advancement of science, maths and technology, building of social infrastructure and improving places of learning, as well as skills and enterprise development.

As our economy faces an uphill battle for growth, everyone needs to join in this fight for the benefit of all South Africans and the closure of the gap between the two economies.

**Cecil Ramonotsi**  
Chief Executive Officer

## Objectives

Eskom Holdings SOC Ltd (Eskom), a state-owned company, is mandated by the Department of Public Enterprises, to which it is accountable, to “provide sustainable electricity solutions to grow the economy and improve the quality of life of the people of South Africa and the region”.

The Eskom Development Foundation NPC (the Foundation) is a non-profit company which was incorporated on 1 December 1998. The Foundation, which is solely funded by Eskom, is responsible for Eskom’s corporate social investment (CSI) initiatives.

Eskom’s objectives are not limited to commercial concerns. Its performance is also measured by the overall value it adds to the lives of the South African public. Its developmental responsibilities range from building and maintaining power plants and networks to supplying households, schools and industries with electricity, supporting local enterprises and stimulating skills and job creation. Eskom is also about creating a base on which South Africa can grow, helping to transform the lives of the large percentage of the population that lives in poverty. Eskom is committed to improving the quality of life in the communities in which it operates.

The Foundation is responsible for the execution and coordination of Eskom’s CSI strategy in support of Eskom’s business imperatives. This strategy supports socio-economic development programmes by targeting primarily the communities where Eskom operates. To this end, we have a number of flagship and national programmes that address specific developmental needs, which include enterprise development in the economic sector and education, health care, energy and the environment, rural school infrastructure development and welfare in the social sector.

The Foundation focuses on socio-economic development needs as follows:

### Support to small and medium enterprises

- Eskom Business Investment Competition for registered, black-owned small and medium enterprises, which includes the Eskom Simama Ranta School Entrepreneurship Education Competition
- Small Business Expo (SBE)
- Eskom Contractor Academy
- Incubator support

### Health support programmes

- Mobile health clinics for rural communities
- Providing medical equipment

### Education programmes

- Upgrading of rural school infrastructure
- Early childhood development
- School support programme that focuses on mathematics, science and computer literacy
- Energy and sustainability school outreach programme
- Tertiary education support programme

### Community development and welfare programmes

- Funding specific needs related to training, equipment or materials for hospices, homes for the aged, children’s homes, people with disabilities and disaster relief
- Funding localised community needs through donations
- Food security projects to develop sustainable livelihoods in rural communities
- Employee volunteer programme

Donations are also considered to philanthropic and welfare causes involving registered non-profit organisations. The donation of assets on behalf of Eskom and its subsidiaries is facilitated and accounted for.

### Dissolution statement

The dissolution of the Eskom Development Foundation, in response to the instruction from the Minister of Public Enterprises (DPE) in July 2017, has been put on hold pending approval of the Eskom Operating Model. The Foundation will continue as a separate Non-Profit Company (NPC) legal entity under the Corporate Affairs Division and continue with its role of managing the Corporate Social Investment strategy and initiatives until instructed by the Minister of DPE.

The Board of Eskom Holdings had approved that, in view of the instruction of the DPE Minister, the internal financial operations of the Foundation, including the CSI budget, remain under the Corporate Affairs Division until 31 March 2018. With effect from 1 April 2018, the CSI budget and financial operations were moved to again fall under the Foundation as a separate entity.

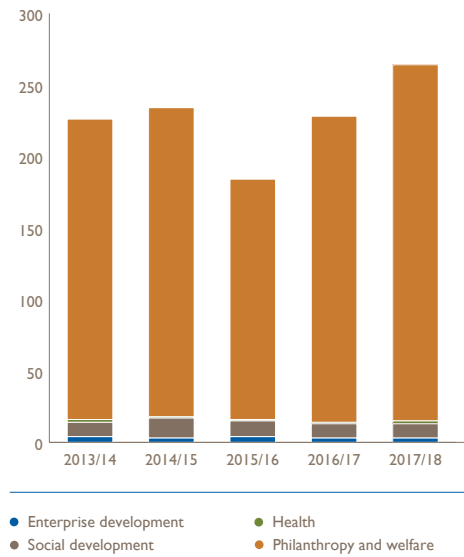
During the year, the Foundation funded 264 projects to the value of R192.1 million, benefiting 1 116 044 beneficiaries.

Programme	2017/18			2016/17			2015/16		
	Number of projects	Approved Rm	Beneficiaries	Number of projects	Approved Rm	Beneficiaries	Number of projects	Approved Rm	Beneficiaries
<b>Enterprise development</b>									
Business investment competition	1	12.2	219	1	11.5	124	1	9.2	65
Small business expo	1	6.8	98	1	6.4	163	1	6.1	61
Contractor academy	1	16.0	–	1	13.5	150	1	13.5	144
Business incubators	–	–	–	–	–	–	1	0.4	28
<b>Subtotal</b>	<b>3</b>	<b>35.0</b>	<b>317</b>	<b>3</b>	<b>31.4</b>	<b>437</b>	<b>4</b>	<b>29.2</b>	<b>298</b>
<b>Education and training</b>									
Education	2	16.0	130	6	25.4	20 981	6	14.2	21 134
Expo for young scientists	1	22.3	27 806	1	21.2	26 728	1	16.0	20 416
Energy and sustainability programme	1	5.0	74 359	–	–	–	1	6.0	186 802
Rural school infrastructure	6	11.2	718	3	14.6	20 032	3	12.1	1 619
<b>Subtotal</b>	<b>10</b>	<b>54.5</b>	<b>103 013</b>	<b>10</b>	<b>61.2</b>	<b>67 741</b>	<b>11</b>	<b>48.3</b>	<b>229 971</b>
<b>Health, philanthropy and welfare</b>									
Health/agriculture	2	2.4	160	1	95.5	167 160	1	1.6	–
Philanthropy and welfare	249	100.2	1 012 554	214	37.2	606 507	168	24.5	72 467
<b>Subtotal</b>	<b>251</b>	<b>102.6</b>	<b>1 012 714</b>	<b>215</b>	<b>132.7</b>	<b>773 667</b>	<b>169</b>	<b>26.1</b>	<b>72 467</b>
<b>Total</b>	<b>264</b>	<b>192.1</b>	<b>1 116 044</b>	<b>228</b>	<b>225.3</b>	<b>841 845</b>	<b>184</b>	<b>103.6</b>	<b>302 736</b>

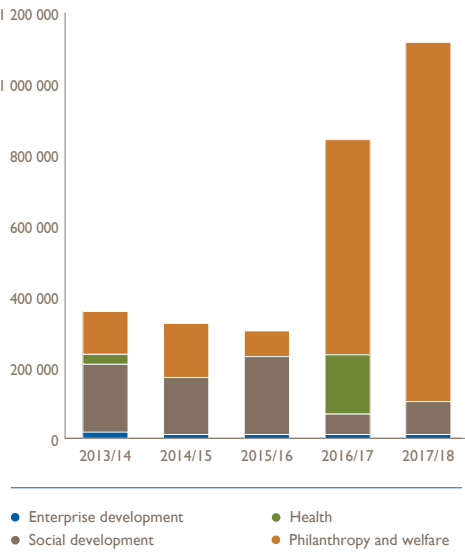
OVERVIEW OF ACTIVITIES

Sector performance

Number of projects

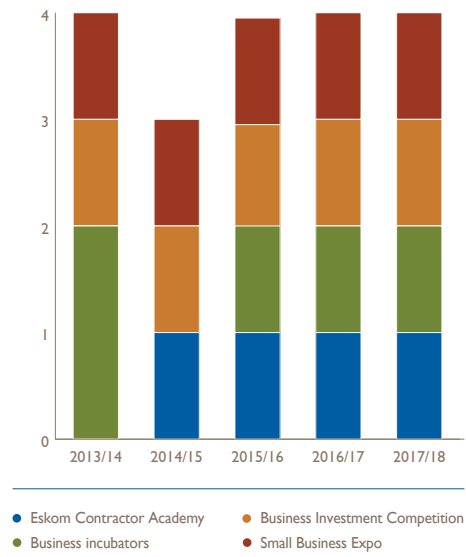


Number of beneficiaries

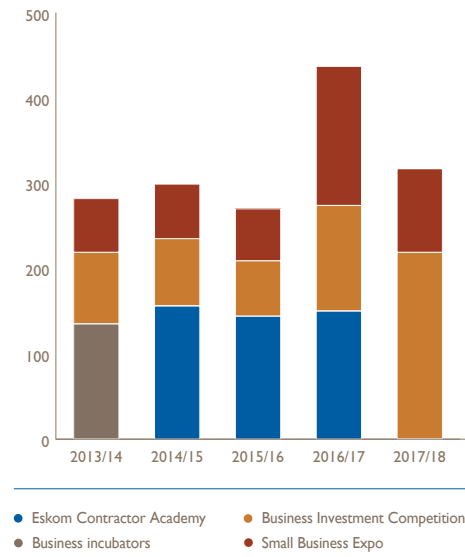


Enterprise development

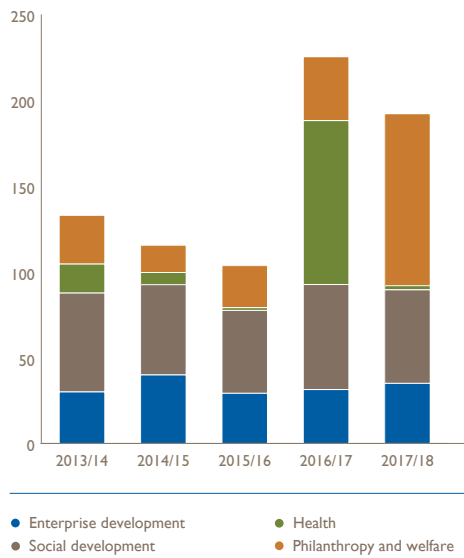
Number of projects



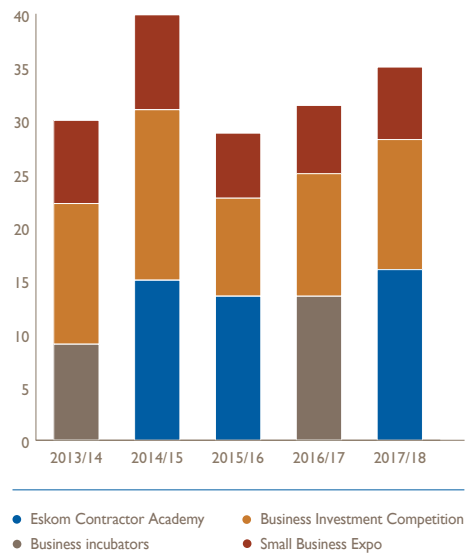
Number of beneficiaries



Approved funds, R million

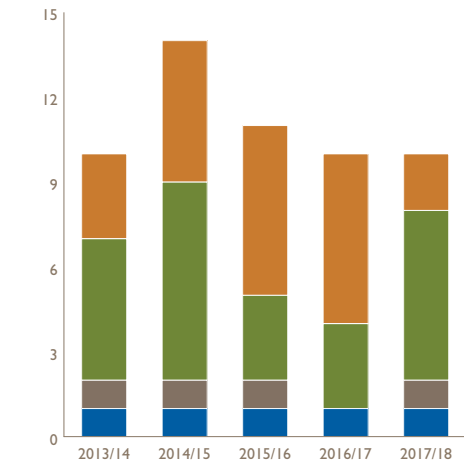


Approved funds, R million



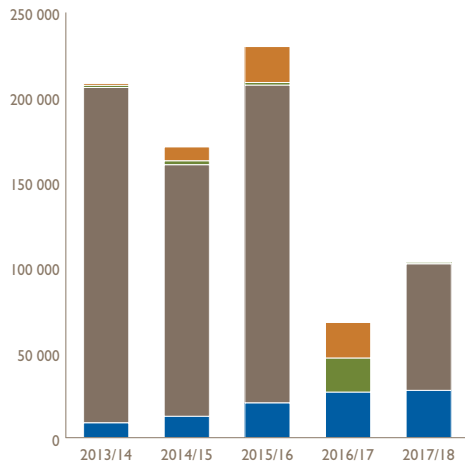
Social development

Number of projects



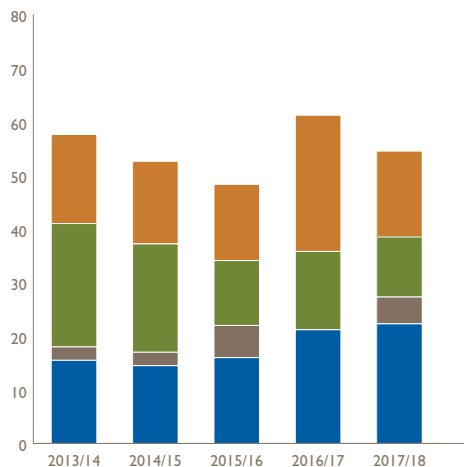
- Eskom Expo for Young Scientists
- Energy and Sustainability Programme
- Infrastructure development
- Education
- TVET colleges

Number of beneficiaries



- Eskom Expo for Young Scientists
- Energy and Sustainability Programme
- Infrastructure development
- Education
- TVET colleges

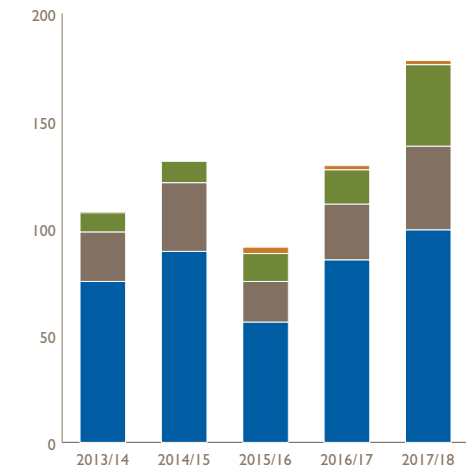
Approved funds, R million



- Eskom Expo for Young Scientists
- Energy and Sustainability Programme
- Infrastructure development
- Education
- TVET colleges

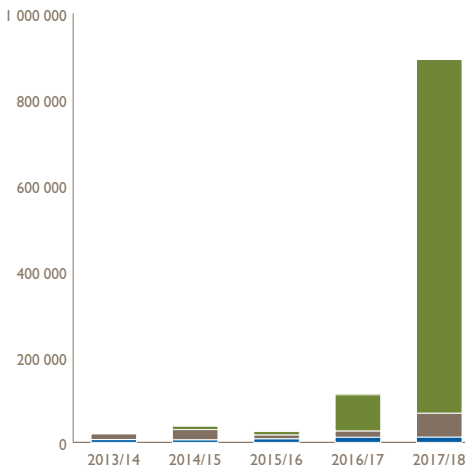
Education

Number of projects



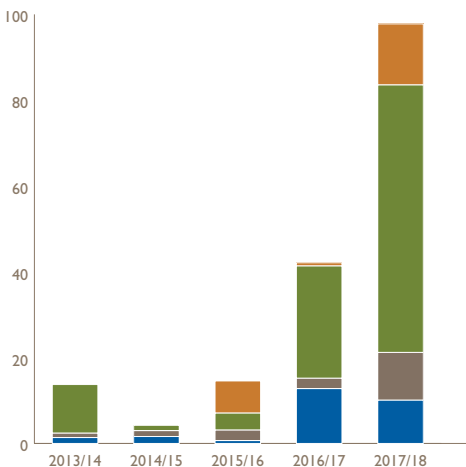
- Early childhood development
- Primary
- Secondary
- Tertiary

Number of beneficiaries



- Early childhood development
- Primary
- Secondary
- Tertiary

Approved funds, R million

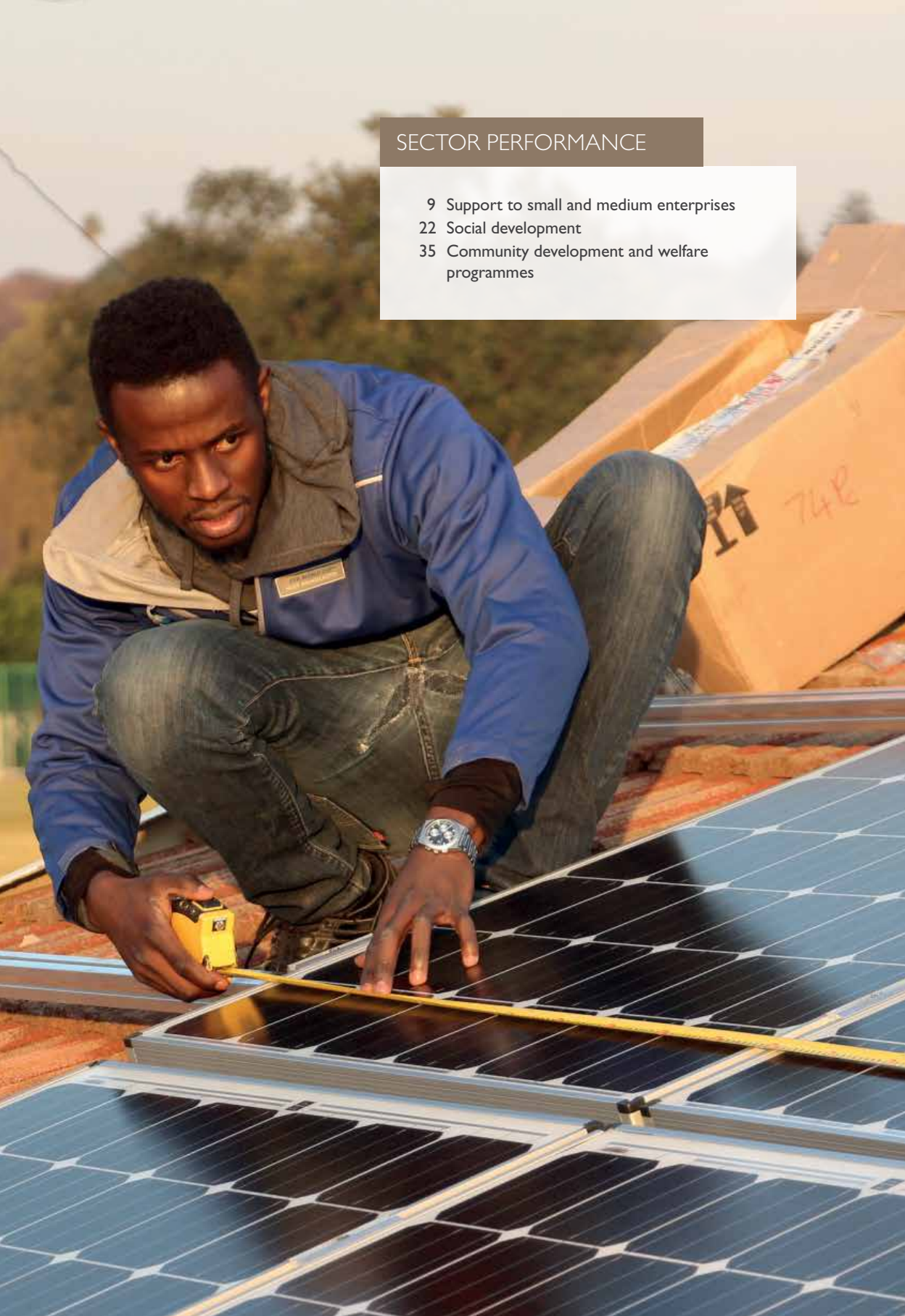


- Early childhood development
- Primary
- Secondary
- Tertiary



## SECTOR PERFORMANCE

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- 22 Social development
- 35 Community development and welfare programmes



## SUPPORT TO SMALL AND MEDIUM ENTERPRISES



### Eskom Business Investment Competition



The Foundation launched the annual Eskom Business Investment Competition (BIC) in 2009 with a view to recognise, reward and inspire small businesses that are significantly contributing to the fight against South Africa's biggest socio-economic challenges: unemployment and poverty.

The BIC rewards outstanding work in entrepreneurship and encourages small and medium enterprises to thrive and lead the country's economic development. The competition is open to South African, black-owned and registered small and medium enterprises (SMEs) that have been operating for more than 24 months in the agriculture and agri-processing, engineering and construction, manufacturing, as well as trade and services sectors.

With R1.3 million worth of prizes, the competition helps enterprises take their operations to the next level. Over and above the financial rewards, business skills and training are provided to contribute towards sustainability.

The overall winner for 2017 took home a cash prize of R150 000. Winners in each of the four sectors received R100 000, first runners-up in each sector received R50 000, while second runners-up collected R25 000 each. The rest of the finalists each received R5 000. Prizes included a cash component to invest into the business, as well as a series of training workshops to gain or harness their business skills.

In addition, all finalists were given fully subsidised exhibition space at the annual three-day Small Business Expo held at the Ticketpro Dome in Johannesburg. Every year, the expo provides SMEs with a versatile marketing platform from which to build brand awareness and network with potential customers and investors.

The team of adjudicators was impressed by the quality of the 2017 competition entrants. The finalists showcased their excellent business skills, professionalism and passion for their businesses as they competed for top honours. Despite the fierce competition, the adjudicators all agreed that they had found a worthy winner in Johannesburg-based Reba Chemicals.





## SUPPORT TO SMALL AND MEDIUM ENTERPRISES

continued



2017 BIC winners

### Overall winner: Reba Chemicals

Reba Chemicals' owner, Freddy Motau's greatest success is sustaining a business for 35 years, while building a client base of 110. His company manufactures industrial chemicals, and has created 19 permanent jobs over the years, including 10 learnerships.

The business has manufactured water treatment chemicals for RandWater; industrial chemicals for CureChem; provided water treatment for AquaTrait and Automotive chemicals for Hankel.

"For me, the purpose of establishing Reba Chemicals was to replace imported chemicals from Europe and the USA, where I had identified a gap and an opportunity for a local player. We started off by trading in organic metal sorts including nickel phosphate, cobalt nitrate, and others in 1985 and expanded with time," says Motau.

In 2005, the business introduced water treatment, metal treatment, firefighting and industrial products. Water treatment products include hydrochloric acid, flocculants, poly-aluminium chloride, lime and activated carbon, which are used in water purification.

"While access to markets has been the greatest challenge for us, especially in mining and government parastatals, the business has grown quite a lot in terms of staff, sales, and assets and we are looking at using our prize money from the BIC to amplify that growth," declares Motau.



Reba Chemical CEO – Freddy Motau

### Agriculture and agri-processing sector winner: Eden All Natural

Eden All Natural took top honours and a R100 000 cash prize in the agriculture and agri-processing sector at the BIC. The Cape Town-based firm, owned and led by Debbie Matake, manufactures natural peanut butter with 100% peanuts and no additives, preservatives or sugar. The peanut butter is produced using Grade A peanuts, which are slowly roasted in a conventional oven simply to retain important nutrients.

After scouring the market and failing to find the natural peanut butter they wanted (with no additives, preservatives or sugar), Matake and her husband, Brighton, decided to create their own in 2013. Their peanut butter is produced at their plant in Kensington and available in a number of flavours, including cinnamon and raisin, crunchy, smooth, choc chip, and seeded/nutty and honey.

The Matakes started marketing and selling their product among friends and family. Following that, the demand for their product skyrocketed, which led them to look for more opportunities at trade fairs and malls. As fate would have it, one day while displaying the product at a Cape Town mall, two gentlemen approached them and tasted the peanut butter. The men loved it and turned out to be regional buyers for Pick 'n Pay.

"In April 2016, we started supplying our product to Pick 'n Pay. We also supply to Spar and Wellness Warehouse. At the start, we experienced similar struggles that many small businesses do, including lack of resources. But as soon as we found a production plant, we approached the municipality for compliance and got a licence. We are looking at securing other big retailers and expanding into other places like Johannesburg, which our prize money will go towards," says Matake.



Eden All Natural CEO – Brighton Matake

### Engineering and construction sector winner: Oakantswe Construction and Projects

After being a runner-up in the same category in 2016, Oakantswe Construction and Projects came back and did one better in 2017.

When CEO, Tebogo Moloi, established her Tshwane-based company in 2010, she knew that she was entering a male-dominated environment, but that didn't deter this ambitious entrepreneur. The company provides electrical and telecommunications services including installations and maintenance. They cater mainly to property developers, government and the private sector. They specialise in electrical installations and maintenance in buildings, mini-substations, minor and major reticulation, fibre to the home/business installations, street lights and more.

The company also operates in the telecommunications sector, where they have a contract with Huawei, for whom they install optic fibre, which includes civil work, hauling of ducts, floating, splicing, manholes, and cable installation and termination. They will be using the prize money to grow this part of their business by buying more equipment, including generators, extension ladders, grinding machines, splicing machine, floating machine and electrical test kits. A portion of the money will go towards training and skills development.

Moloi had tried her hand at various businesses before opening her latest company. She studied credit management at university and after completing it got a job as a flight attendant where she worked for two years. While in that job she bought clothes from overseas and resold them locally.

"I later started Small Important People, which organised kids' parties and fun days for companies. When the market became too saturated, I decided to venture into other avenues and that's when Oakantswe was established. We now have 15 employees, and are looking at growing into other markets around the country," says Moloi.



Oakantswe Construction and Projects – CEO Tebogo Moloi

### Manufacturing sector winner: IKIM Solutions

IKIM Solutions specialises in the manufacturing of washing powder, hand creams and water purification services, and has created nine jobs.

The business, which operates from King Williams Town (Eastern Cape) and Fourways (Gauteng), manufactures XPO Washing Powder and Vintage Vee Hand Creams for a number of clients, including Spar, Saverite outlets and the general public.

IKIM, run by Zimasa and Viwe Matyunjwa, was registered in 2006 with a name inspired by customised furniture-making company IKEA. The IKIM team seeks to use science and its acumen in chemistry to make people's lives easier.

The business has since grown in the water treatment industry, giving guidance and providing service to about eight municipalities in the Eastern Cape. Its manufacturing portfolio has grown in household cleaning with XPO washing powder being the flagship brand among other personal care products available in retailers in the Eastern Cape.

"Our greatest success to date, has been the successful launch of our XPO washing powder brand and getting listed in many retail outlets in the Eastern Cape. Winning in the BIC meant a lot to us, and will contribute immensely towards our growth as we'll use the prize money to invest in equipment and implements needed to improve efficiency and productivity in the business," says Zimasa.



IKIM Solutions CEO – Zimasa Matyunjwa

### Trade and services sector winner: eWaste Africa

KwaZulu-Natal-based eWaste Africa is a recycling company – the first in Africa to recycle fluorescent tubes, along with energy-saving and mercury lightbulbs.

Owner, Praveshen Naidoo, was able to grow the company's client list to 130 in three years by approaching customers directly, cold-calling and perfecting their elevator pitch.

The company recycles hazardous lightbulbs for clients, including: Sasol, ArcelorMittal SA, Nedbank, Pick 'n Pay and FNB. The business provides clients with bulbs, collects bulbs and sends off by-products for recycling.

## SUPPORT TO SMALL AND MEDIUM ENTERPRISES

continued

"I have always been extremely passionate about providing a service that is environmentally friendly. I love the work we do, but more importantly, we believe in the work we do. Our company has created 20 new jobs while saving the environment," says Naidoo.

Naidoo won the Youth Entrepreneur Award in the Premier Business Awards in 2016; came second in the 2016 SAB Kickstart Boost Competition; and won the Nedbank PCB Spirit Entrepreneurship Award in 2016.



eWaste Africa CEO – Praveshen Naidoo

### Simama Ranta High School Entrepreneurship Education Competition



The Simama Ranta competition is aimed at identifying and rewarding South African secondary schools that are exemplars and leading the way in entrepreneurship education. The Eskom Foundation believes that one of the best ways to curb underdevelopment in our communities is to teach the youth, at school level, to consider entrepreneurship as a viable career choice. Instead of studying to be job seekers, they should learn the skills to start and run successful businesses and in so doing, become job creators.

All South African intermediate and secondary schools are eligible to enter. To qualify for the competition, applicant schools must run enterprise clubs that teach learners the basic principles of business through practical application while responding to their respective communities' socio-economic challenges. The prize money for the overall winning school club is R100 000. Each provincial winner receives R75 000.

Provincial runners-up receive R25 000, while second runners-up each receive R10 000. In addition, the provincial winners are invited to exhibit their work at the annual Small Business Expo.



Education With Enterprise Trust (EWET), a non-profit organisation, coordinates the Eskom Simama Ranta Competition. In the 2017 finals, 28 schools from across South Africa attended the Simama Ranta Awards where the overall and provincial winners were announced.

The 2017 overall winner of the competition was Harrismith Senior Secondary School from the Free State. The school's learners started a plastic recycling initiative in March 2017, through which they transform plastic waste into decorating and other functional household items.

The school's Youth Enterprise Society (YES) club, which has 60 members, recycles plastic bottles (mostly two-litre soft drink bottles), and uses them to manufacture items such as bird houses, flower vases, cell phone charger holders, pencil cases and holders, as well as bracelets.

"When we had to come up with an idea for a business, it was easy to see how we could create a variety of goods from used plastic bottles as these are readily available at dumping sites near our school and homes. Our club was started as a means for us to gain first-hand experience in operating a business. We also chose to make the products we make because we wanted to contribute positively to our area by reducing littering and cleaning it up through the collection of the plastic bottles," says club president and grade 10 learner, Katleho Dahile (16).



Simama Ranta YES Member – Katleho Dahile

Dahile says the club hopes to expand its project by creating a bottle renewal initiative that will further reduce littering and pollution. "We are following the triple bottom line principle that states 'in the pursuit of profit, an entrepreneur must not harm the planet and the people'. Our project fully follows this principle."

Over and above the plastic bottle recycling business, the club also hosts cinema days every week to give many of their economically disadvantaged learners an opportunity to enjoy movies at R5 per head. They have a tuck shop at the school premises, where they sell refreshments and their products. The ambitious youngsters, who are proving to be serial entrepreneurs already, also run a car wash business at school. They are looking at expanding the car wash business to serve the rest of their community. The club's members remain optimistic despite facing many challenges, and they believe their projects will not only yield good profits for the club, but also great benefits for the community at large. They plan to reinvest their prize money and channel it towards growing their projects.

#### Distributions and promotions

The distributions and promotions for the 2017 competition started in September 2016 during the Youth Entrepreneurship Simama Ranta Expo (YESRE) where 1500 competition booklets were distributed. Some of the competition information was distributed through workshops, site visits, EWET Partners (Limpopo Department of Economic Development Environment & Tourism & JASA – Junior Achievement South Africa), Department of Basic Education officials, postage, e-mails, faxes and advocacy meetings with different stakeholders nationally; additionally, 7 500 booklets were distributed nationally. The breakdown of distributions are as follows: Eastern Cape – 700; Free State – 790; Gauteng – 700; KwaZulu-Natal 850; Limpopo – 600; Mpumalanga – 500; Northern Cape – 700; North West – 700; and Western Cape – 460. Another platform that was used was social media.

#### Names and number of districts and schools reached in each province

##### Eastern Cape: (23 districts, 330 schools)

King Williams Town, Fort Beaufort, Sterkspruit, Butterworth, Bizana, Cofimvaba, Cradock, Idutywa, Lusikisiki, East London, Graff Reinet, Grahams Town, Lady Frere, Libode, Maluti, Mount Frere, Mount Fletcher, Umtata, Ngqobo, Port Elizabeth, Queenstown, Qumbu and Uitenhage districts

##### Free State: (5 districts, 530 schools)

Fezile Dabi; Thabo Mofutsanyana, Lejweleputswa, Motheo and Xhariep districts

##### Gauteng: (5 districts, 490 schools)

Johannesburg North, Sedibeng West, Ekurhuleni North, Ekurhuleni South and Tshwane districts

##### KwaZulu-Natal: (5 districts, 450 schools)

Pinetown, UThukela, Uthungulu, UKhahlamba and Hlabisa districts

##### Limpopo: (6 districts, 300 schools)

Vhembe, Mkgalakwena, Capricorn, Mopani, Waterberg and Greater Sekhukhune districts

##### Mpumalanga: (4 districts, 350 schools)

Nkangala, Gert Sibande, Bohlabela and Ehlanzeni districts

##### Northern Cape: (3 districts, 320 schools)

John Taolo Gaetsewe, Pixley Ka Seeme and Frances Baard districts

##### North West: (5 districts, 380 schools)

Dr Ruth Segomotsi Mompoti, Bojanala, Ngaka Modiri Molema, Taung and Dr Kenneth Kaunda districts

##### Western Cape: (5 districts, 350 schools)

Cape Winelands, Metropole East, Metropole North, Metro North and Central districts

A total number of 61 districts and 3 500 schools were reached.

#### Technical support and workshops

Technical support and workshops were provided in all provinces both on site and telephonically to all schools that had submitted their applications and portfolios of evidence (POEs). The support and workshops were provided as per the below breakdown by EWET Project Managers, EWET Partners (Department of Basic Education Subject advisors), Provincial Entrepreneurship Education School (PEES), National Entrepreneurship Education School (NEES), YES alumni and EWET associates.



Department of Basic Education – Mzwakhe Skhosana




## SUPPORT TO SMALL AND MEDIUM ENTERPRISES

continued

### Participation in Simama Ranta Competition by province

Province	Number of districts	Number of schools	Number of educators	Number of learners	
Eastern Cape	23	330	749	20 925	
Free State	5	530	1301	40 915	
Gauteng	5	490	1032	33 859	
KwaZulu-Natal	5	450	972	31 489	
Limpopo	6	300	849	27 591	
Mpumalanga	4	350	831	26 557	
Northern Cape	3	320	601	25 055	
North West	5	380	884	28 895	

Province	Number of districts	Number of schools	Number of educators	Number of learners	
Western Cape	5	350	896	31 148	
Total	60	3 500	8115	266 434	

#### The adjudication process

The adjudication process took place in two stages. The first stage of sifting and ranking of portfolio of evidence (POEs) was done by EWET staff members: Ms Tshidi Sekopa, Mr Solomon Kabanda and Mr Moeketsi Khumalo. The assessment criteria were based on the 11 quality standard principles. Of the 557 application forms received, 323 POEs were of a good standard, while 28 top performing schools in the country were identified in terms of their performance in entrepreneurship.

The second stage of adjudication to determine the overall winners from the nine provinces was performed by the panel of adjudicators: the Business, Commerce and Management (BCM), and the Economic

and Management Sciences (EMS) teams and the National Department of Basic Education office. This took place in Boksburg on 3 – 5 August 2017. The process was fair and transparent and all the entries were assessed based on the 11 quality standard principles as applied to the POE they had submitted and their performance in the interviews. The learners and the educators who were representing these schools gained substantial information and feedback from the panel that will assist them to improve their projects and entrepreneurial activities.

#### Eskom Simama Ranta Competition: 2017 winning schools

Province	District/area	School	Position
Eastern Cape	Chris Hani East District, ERF 2111, Tsomo Road, Cala	Cala Senior Secondary School	Provincial winner
	Fort Beaufort District, Yoga Location, Alice	Mpambani Mzimba High School	1 <sup>st</sup> runner-up
	Chris Hani District, 86 High Street, Covimvaba	Pentecost Genius School	2 <sup>nd</sup> runner-up
Free State	Thabo Mofutsanyane District, Makeneng Village, Witsieshoek	Mookodi Secondary School	Provincial winner
	Thabo Mofutsanyane District, 7044 Cnr Phatang and Mamello Street, Phuthaditjhaba	Selelekela High School	1 <sup>st</sup> runner-up
	Thabo Mofutsanyane District, Site no 2010 Tshiame C, Harris Smith	Khethatsebo High School	2 <sup>nd</sup> runner-up
Gauteng	Sedibeng West District, 2065 section K Palm Street, Palm Springs	Tharabollo Secondary School	Provincial winner
	Sedibeng West District, 4201 Sebiloane, Mafatsana	Lakeside High School	1 <sup>st</sup> runner-up
	Sedibeng West District, 748 Cnr Rabotapi and Moabi Street, Evaton North	Ruta Setjhaba High School	2 <sup>nd</sup> runner-up
KwaZulu-Natal	King Cetshwayo District, 8507 Bulbul Bend, Birdwood, Richards Bay	Birdwood Secondary School	Provincial winner
	Uthungulu District, 06 Via Ammania, Aquadene, Richards Bay	Aquadene Secondary School	1 <sup>st</sup> runner-up
	King Cetshwayo District, H <sup>2</sup> 1429 Intokozo Street, Esikhawini	Ikhandlela Secondary School	2 <sup>nd</sup> runner-up
Limpopo	Vhembe District, Ndzelele Village, Mudimeli	Mudimeli High School	Provincial winner
	Capricorn District, 1007 Keizer Street, Dendron	Dendron High School	1 <sup>st</sup> runner-up
	Mopani District, 87 Section D2, Giyani	Risinga High School	2 <sup>nd</sup> runner-up

## SUPPORT TO SMALL AND MEDIUM ENTERPRISES

continued

### Eskom Simama Ranta Competition: 2017 winning schools

Province	District/area	School	Position
Mpumalanga	Nkangala District, 819 6 <sup>th</sup> Ave, Vuka Section, Mhluzi, Middelburg	Ekwazini Secondary School	Provincial winner
	Gert Sibande District, Piet Retief, Elukhanyisweni	Ndlela High School	1 <sup>st</sup> runner-up
	Bohlabela District, Manyeleti Circuits, Islington Village, Khokhovela	Mhlangana Secondary School	2 <sup>nd</sup> runner-up
Northern Cape	John Taolo Gaetsewe District, Dipico Street, Bankhara Bodulong, Kuruman	Bankhara-Bodulong High School	Provincial winner
	Francis Baard, Mataleng, Barkley West	Boresetse High School	1 <sup>st</sup> runner-up
	Francis Baard District, 629 Dahlia Street, Debeershoogte, Barkley West	Barkley West High School	2 <sup>nd</sup> runner-up
North West	Dr Ruth Segomotsi Mompati District, E876 Mocwaledi Section, Ganyesa	Tong Comprehensive High School	Provincial winner
	Dr Ruth Segomotsi Mompati District, Ganyesa	Huhudi High School	1 <sup>st</sup> runner-up
	Dr Ruth Segomotsi Mompati District, Ganyesa	Temoso Special School	2 <sup>nd</sup> runner-up
Western Cape	Central Education District, Bangiso Drive, Khayelitsha sit B	Usasazo High School	Provincial winner
	Central Education District, Boston Street, Fackreton, Maitland	Maitland High School	1 <sup>st</sup> runner-up
	East Education District, Maitland	Windermere High School	2 <sup>nd</sup> runner-up
National winner (Free State)	Thabo Mofutsanyane District, 595 Mabanga Street, Intabazwe	Harrismith Secondary School	Overall winner

### Simama Ranta Youth Entrepreneurship Expo

The learners were given the chance to exhibit and showcase their business ideas for three days, from 31 August to 2 September 2017, with well-established businesses. These were among the projects that were on show:

**Recycling:** Some of the participating schools and learners showed their environmental consciousness through their various recycling projects, which included activities such as the collection of plastic bottles to manufacture different usable items.

**Welding:** Schools showed their knack for developing learners with welding skills, with some producing and selling products such as braai stands, trophies, pot stands and flower stands for their communities.

**Vegetable gardens:** A good number of schools were involved in vegetable garden projects in response to the high rates of poverty and unemployment in

their areas. Their fresh produce was not only sold to the communities but in some instances, the clubs supported their fellow learners through school feeding schemes.

**Sewing:** Schools were sewing items like traditional dresses, school uniforms and bags.

**Market days:** Schools host market days where they sell their products and reinvest the profits back into their businesses. Some organise fun activities like movie days where learners pay a minimal fee to enjoy the latest movies.

**Beadwork:** Necklaces, beaded scarves, beaded canvas shoes.

**Other:** Wooden décor items, cleaning services, traditional brooms and grass mat-making, clay pots and vases, shoe-making, and selling snacks and sweets.

The following topics were presented:

Date	Topic	Presenters	Attendees		
			F	M	Total
Thursday 31 Aug 2017	Tips on compiling the POE (Portfolio Of Evidence) based on 11 Principles. (EWET)	Ms Tshidi Sekopa	56	14	70
	Overall winner POE Presented by the teacher and learners	Ms Mosa Phehlane Mr Katleho Dahile Ms Ayanda Mlotshwa	524	416	940
	“What is secondary entrepreneurship education?” Presented by teachers from Cala, Pentecost, Birdwood, Ekwazini and Risinga	Ms Qezu Cwaita Mr Solomon Mukotami Ms Dudu Mngadi Ms Michelle Langa & Mr Manasse Ndou			
	“Integration of entrepreneurship within the syllabi of South African schools” Teachers from Maitland, Ikhandlela, Lakeside and Dendron	Mr Rodney Dyers Mr Bongani Shandu Ms Nomteto Plaatjie Mr Eliphus Madibana			
	“Aims and objectives in secondary entrepreneurship education” Teachers from Bankhara Bodulong, Mudimeli, Windermere and Ndlela	Ms Suzette Fraser Mr Alfred Mafukaduvha Mr Bernard De Louw Ms Eunice Vilakazi			
Friday 1 Sep 2017	“Community engagement within entrepreneurship education” Tong, Mookodi, Boresetse and Tharabollo	Ms Naani Thebe Ms Masara Motaung Ms Mmabatho Mohapi Ms Mananki Mokele	468	601	1 069
	“Teaching Entrepreneurship Education” Temoso, Mpambani, Mhlangana, Aquadene and Usasazo	Mr Mothoke Mokgethi Ms Ayanda Mxotywa Mr Goodwill Makhubelo Ms Nomfundo Mthenjwa Mr Eddy Kayembe			
	Small business launch in the Creative Business Cup Eskom and FOGG	Mr Chris Bornman Mr William			
	“Entrepreneurship as a career choice, voices from the youth” Girl learners from Eastern Cape, Free State and Gauteng	Ms Kamva Yozi Ms Asive Howana Ms Emihle Qinisile Ms Ayanda Mlotshwa Ms Reabetswe Mofokeng Ms Gladys Tshabalala Ms Simphiwe Mbatha Ms Nomvuyo Msiza Ms Precious Mahungela			
	“Why in-school Entrepreneurship Education is crucial to combat South African youth unemployment crises, voices from the youth” Boy learners from KwaZulu-Natal, Limpopo and Mpumalanga	Mr Fisokuhle Qwabe Mr Sibusiso Mthethwa Mr Lucky Khanyile Mr Thapelo Manamela Mr Vukosi Baloyi Mr Segolo Madisha Mr Tshelo Thabe Mr AT. Manzini Mr Bonga Khumalo			
	“What does an in-school entrepreneurial learner look like, voices from the youth” Girl learners from Northern Cape, North West and Western Cape	Ms Wildean Fritz Ms Atlegang Makolokolo Ms Masego Sibanda Ms Kelebogile Pholoholo Ms Kelebogile Jakobo Kelebogile Monwametsi Mr Kgodiso Njenje Mr Boitshoko Those Mr Lawrence Reabaka			
	Simama Ranta schools walkabout to the BIC stands				
	Simama Ranta stands awards ESKOM	Mr Chris Bornman			

## SUPPORT TO SMALL AND MEDIUM ENTERPRISES

continued

Date	Topic	Presenters	Attendees		
			F	M	Total
Saturday 2 Sep 2017	FOGG Presentation	Mr William	524	253	777
	"Outreach and networking – integral to entrepreneurship education" Teachers from Harrismith, Huhudi, Selekela & Barkley West	Ms Mosa Phehlane Ms Naani Thebe Ms Maledi Nqubuka Ms Jade George			
	"Clubs as laboratories for youth entrepreneurship learning, voices from the youth" Boy learners from Eastern Cape, Free State and Gauteng	Mr Owam Mlungwana Mr Asenathi Songo Mr Chuma Hisani Mr Dahile Katleho Mr Moluleki Mokoena Likhapho Mokoena Sifiso Maduna Mr Banele Dlamini Mr Mpho Hlalele Mr Kgwadibe Makhele			
	"Learner action within Entrepreneurship Education, voices of the youth" Girl learners from KwaZulu-Natal, Limpopo and Mpumalanga	Ms Zinhle Mavuso Ms Nosipho Ndebele Nomfundo Thusi Ms Tshogofatso Ramoraswi Rialivhuwa Sinthumule Muhluri Mathubula Ms Buhle Shabangu Ms Agreement Thobelo Ms S'nethemba Sangweni			
	"The status of entrepreneurship in South Africa, voices from the youth" Boy learners from Northern Cape, North West and Western Cape	Mr Moses Seupe Mr Devin Isaacs Mr Melvin Hugo Mr Kgodiso Njenje Mr Boitshoko Those Mr Reaobaka Lawrence Mr Dodai Kumuanza Mr Bongile Mangena Mr Yamkela Gigaba			
Total			1 574	1 282	2 856

### Small Business Expo

The Small Business Expo was hosted from 31 August to 2 September 2017 at the Ticketpro Dome in partnership with Eskom. The Expo's aim was to develop and promote opportunities for businesses that want to grow, diversify and succeed.



Small Business exhibitor stands

The Small Business Expo was proud to partner with Eskom in supporting black-owned (BO), black women-owned (BWO) and black youth-owned (BYO) enterprises. All the 2017 Eskom BIC winners

and finalists exhibited, as well as other black-owned businesses, which were able to exhibit at a subsidised rate. The 28 Simama Ranta High School Youth Entrepreneurship Education Competition winners and finalists also exhibited and held workshops in the adjacent venue.



BIC finalist exhibition stand at the Small Business Expo

### Goals of the 2017 Expo

- Establishing networking platforms and continued relationships with exhibitors through information sessions leading up to the exhibition

- Establishing the Small Business Expo as a significant business expo
- Introducing the show as a platform for SMEs to conduct business
- Increasing content by means of multiple workshops for entrepreneurs and aspiring entrepreneurs to give them information and tools to help them build successful and sustainable businesses
- Introducing speed networking and networking opportunities to encourage connections and business conducted between exhibitors
- Establishing a trade buyer and investor programme with an online diary to allow meetings to be set up before the exhibition
- Increasing preregistration of visitors to the exhibition to enable Reed Exhibitions to mine data and focus marketing efforts on key areas in which visitors and exhibitors expressed interest



The Development Den hosted by Eskom was a dynamic programme of capacity building sessions for small and medium businesses. The talks were educational, inspirational and gave practical tips that can be applied. This workshop was perfect for entrepreneurs looking to develop and grow their businesses.



The Dear Businessman bootcamp provided key tools and equipped entrepreneurs to be game-changers. The time is now for entrepreneurs to rise up, show up and change our circumstances, and our economy.



The Business Theatre brought to you by Blue Label Telecoms had a great line-up of speakers and educational talks for entrepreneurs and anyone looking to start a business. Topics were varied and covered women in business, tech, marketing and communication, branding, sales and networking and more.



The Powering Your World Workshop brought to you by Eskom provided a platform to understand "Doing business with Eskom" and about "Eskom supplier development".

### Eskom Contractor Academy



Eskom established the Contractor Academy in November 2007, to support government in skills and infrastructure development, job creation and poverty alleviation.

The Eskom Contractor Academy aims to equip emerging contractors with relevant business management competencies to grow a sustainable businesses. These competencies include financial, legislative, management, leadership, entrepreneurial and technical skills.

Many contractors/suppliers lack the basic skills to successfully manage and sustain their businesses. Research has shown that up to 80% of start-ups fail within the first two years of operation. It was against this background that Eskom saw it fit to start the national academy. The Contractor Academy focuses on previously disadvantaged contractors, including black woman-owned (BWO) and youth contractors.

A number of success stories from contractors who have completed the course has been published. The eight-month training programme runs in all nine provinces and students attend a study school on campus, once a month, for a full week. Training is conducted in Bloemfontein, Kimberley, Cape Town, Durban, East London, Midrand and Polokwane.

The curriculum was developed from a holistic management and regulatory perspective and focuses on the management of finances, people and project management, tendering processes; including the new engineering contract, supply chain management and a major focus on safety, health, environment, risk and quality in the work environment. The individual modules have to comply with the unit standard and are accredited with the relevant SETAs.



SUPPORT TO SMALL AND MEDIUM ENTERPRISES
continued

The programme is facilitated by Edupark, a non-profit company of the University of Limpopo and students who successfully complete the whole programme are awarded a certificate by the University of Limpopo.

- The objective of the programme is to assist emerging contractors and suppliers with:
- Ensuring that they comply with all regulatory and statutory requirements and standards
- Management of staff
- Development and implementation of:
- Business plans, budgets and interpreting financial statements
- Safety, Health, Environment, Risk and Quality plans for projects

- Tendering for projects and understanding the New Engineering Contract
- Managing projects formally

There have been 1 141 students trained since the inception of the programme in 2007, with a success rate of over 97%

Number of male students	688
Number of BWO students	453
Number of youth (included in above)	579

The training of the 2017/18 students will only be completed during July 2018. Performance will be included with the 2018/19 financial year. For 2017/18, there are currently 177 students in the programme.

Provincial analysis for 2017/18

Province	Number of students	Male	Female	Number of youth
Western Cape	15	6	9	2
Eastern Cape	16	11	5	6
KwaZulu-Natal	16	4	12	4
Free State	20	10	10	9
Northern Cape	17	10	7	4
Limpopo	19	12	7	15
Mpumalanga	37	20	17	23
Gauteng	16	9	7	5
North West	20	12	8	5
Total	176	94	82	73
Percentage of total		54%	46%	41%



Contractor Academy prizegiving ceremony

External recognition for the programme

- The programme has been presented at various conferences both nationally and internationally. A research paper titled "Improving Quality Of Life: A Model Programme for Entrepreneurs" was recently presented by Professor Nel at a conference in Indiana, USA
- The Eskom Development Foundation was awarded Gold in the Amcham Stars of Africa Award in the Community Development and Welfare category at the 2013 American Chamber of Commerce (AMCHAM) Stars of Africa Awards
- The Foundation was also the winner of the third annual Oliver Tambo Socio-Economic Development Award (an award given for leadership and innovation in the pursuit of empowerment and transformation)

- The programme was awarded two international Global Best Awards by the International Partnership Network in Oslo, Norway, in September 2016, namely: the Africa Gold Winner – Entrepreneurship and Enterprise Skill; and the Overall Global Thematic Winner – Entrepreneurship and Enterprise Skills
- The programme was also awarded the Trialogue Strategic CSI Award in December 2016

Since its inception in 2008, the academy has made a huge impact on the small businesses that were engaged and it has given invaluable opportunities to emerging contractors nationally. To date, contracts with a total value of R2.671 billion were awarded by Eskom to contractors who completed their training through the academy.



Case study: Eskom competition winner grows his skills with Contractor Academy

When CEO and co-owner of Lamo Solar, Tshibvumo Sikhwivhilu, heard about the academy at the 2016 Eskom BIC Awards, he was inspired by the statistics of the measurable impact that the academy had on other small businesses. He saw it as a great opportunity to grow his skills base by absorbing whatever training the academy had to offer. More importantly, he and his partner had always wanted a way to improve their systems for the managing of big contracts that often span over a year and the academy seemed to be the answer.

The young company intends to diversify its current portfolio and they will use the skills and knowledge gained from the academy to help them set up a new business venture that will focus on a wider spectrum of energy-related works, including smart electricity generation, transmission and distribution. This new venture will leverage on both the experience they have acquired with Lamo Solar, as well as the skills and knowledge acquired from the internationally-renowned Eskom Contractor Academy.

When, at the same awards ceremony, Lamo Solar was announced as a winner in the engineering and construction sector, Sikhwivhilu was even more convinced that the academy was the right path to take, as it meant growing the business and, in order to do that, his skills had to grow too. "I decided at that moment that I would enrol for the very next intake of the Contractor Academy," he says.

"The academy has been a real eye-opener. Among many other things that we have learnt, the big takeaway has been the acquiring of crucial skills and tools to better manage big projects in real time, while mitigating as much of the potential risks as possible. The Project Management course in particular, has helped us improve our processes such that we offer over 95% confidence levels on project completion within specified duration. This is very important for our clients," states Sikhwivhilu.

Lamo Solar, which is based in Randburg (Johannesburg), provides renewable energy and specialises in Solar Photovoltaic (PV) solutions. Sikhwivhilu and his partner, Elmond Khoza, started the business in 2012 and they have seen their venture grow to make life easier for many South Africans by bringing them electricity. The young ambitious duo, who are passionate about the energy sector, started their company to help address the energy challenge facing South Africa and the sub-Saharan African region.



Lamo Solar executives receive their award from Eskom

Lamo Solar uses solar panels and solar geysers and services homeowners, businesses and off-grid rural communities. They provide their clients with tailored solar PV systems in residential, industrial and commercial set-ups. They also offer on and off-grid solar systems, hybrid solar systems as well as back-up solar systems. They have powered up over 1 000 homes and businesses with solar systems across the country in the past two years and currently employ 48 young South Africans.

## SOCIAL DEVELOPMENT



In June 2013, the Department of Public Enterprises launched the DPE-SOC CSI Forum to ensure proper coordination of CSI initiatives by state-owned companies (SOCs) that impact the intended beneficiaries. It was through the CSI Forum, chaired by the then Deputy Minister, Mr Bulelani Magwanishe and attended by representatives from all SOCs (Eskom, Transnet, South African Airways and Denel), that flagship projects were identified and approved.

### Health sector

#### Bophelong mobile health clinics

The Eskom Bophelong (Place of Life) mobile health clinic programme was initiated in 2012. The Foundation funded four mobile health clinics to be deployed in Mpumalanga, KwaZulu-Natal, Free State and Limpopo. The mobile health clinics have been specifically designed to provide mobile health services to primary school learners in rural areas around Eskom sites to reduce the barriers that children often face during their educational careers.



Eskom Bophelong mobile health bus

One seldom realises what a privilege it is to wake up to clean water, electricity, home appliances and good modes of transport for everyday travel. It is easy to fail to appreciate the simple things that make life a little easier as we don't realise that there are those who do not have access to those comforts.



Learner eye test

This specific mobile prototype was designed by the Foundation and consists of a dental booth, equipped with all necessary material to screen, polish, extract and do fillings on teeth. It also has a primary health care (PHC) consultation room to carry out general health check-ups, nutritional assessments, hearing assessments, gross and fine motor assessments. There is also a visual care booth to assess eyesight, provide the necessary treatment and even spectacles where necessary.

Learners with severe medical problems, that cannot be treated within the mobile clinics, are referred by the medical staff to the nearest clinics and public hospitals. The mobile health clinics have a dedicated and competent team of medical staff to perform screenings and examinations which include a professional nurse, optometrist and dentist.

The reason why this intervention is so important for learners in particular is because of the economic status of the areas they are from. These are rural and poor communities with little access to proper facilities and services. These communities are easily neglected. Fortunately for these disadvantaged communities, the Foundation identified them as focus/strategic areas and provided preventative health care measures to help in giving the youngsters in these areas a chance at a healthier life and enhance their learning experience.

There has always been a great need for adequate and accessible health care in remote areas. In the long term it is often the children within these communities who bear the brunt of inadequate or inaccessible health services. With traditional methods, accessing basic health care is difficult, as children often have to miss out on school when visiting fixed medical centres. A world of difference has been made already to the standard of living and education of these children with the mobile health services provided by the Eskom Foundation. The aim is to take health to schools in rural areas where parents do not have the means or financial capability to ensure their children receive adequate health services.

The Foundation, in collaboration with Mobile Satellite Technologies (MST), designed these health clinics to cater for the specific needs of children in rural areas by providing preventative health care, allowing for early detection and correction of simple health issues before they become disabling matters. Future plans are to add mental health screenings to the service, and to identify children with autism in schools, as this need was identified throughout the first three years of operation.

The schools health solution has been developed in line with Government's Integrated Schools Health Programme. The mobile solution effectively covers objectives raised in the programme spearheaded by the Department of Health. Therefore, despite their appearance, our clinics are built onto truck chassis allowing them to travel on rugged terrain which provides access to all rural areas.

The service focuses on Grades R, I and 4, as well as identified learners, in coordination with the Integrated Schools Health Policy as prescribed by the Department of Health. Children who need additional services for more serious conditions are referred to the closest clinic or hospital with a referral form from the school for the parent. Statistics on services delivered in each school are reported on a monthly basis and shared with the Departments of Basic Education and Health.

The very first mobile clinic went into operation in March 2014 in Gert Sibande District in Mpumalanga. This project has been a great success to date.

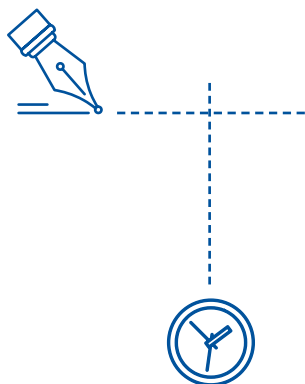
### Education programmes

#### Early childhood development (ECD)

The Eskom Development Foundation embarked on a programme to assist formative learning at grassroots level to improve education by equipping education practitioners with the necessary tools and knowledge to give young children a chance at a quality life. The overall programme goal was to provide quality, holistic and sustainable early childhood development (ECD) training and educational material for community-based ECD centres that promote children's universal rights.



Eskom and DPE delegation handing out ECD learning material





## Case studies

### Bhuqu Community Centre

The Foundation donated two classroom containers, learning toys and equipment, as well as other functional materials to the Bhuqu Community Centre in Bhomela, near Port Shepstone, KwaZulu-Natal.

The community centre, which is registered and operates as a crèche in the area, was established after it was realised that the children who enrolled for Grade 1 at the nearby Nsingizi Primary School had not been exposed to an ECD programme before starting their Grade R.

Following Eskom's intervention, the crèche is now able to give the children ample accommodation as a result. The donation also included mattresses for the children to nap on; educational toys, books, puzzles and posters; kiddies' furniture (plastic chairs and tables); first aid and wash kits, as well as outdoor play equipment.



Classroom container



Inside the classroom container

### Cotlands' Toy Library Hub

The Foundation donated educational play materials to Cotlands' Toy Library Hub in Mashishing, Mpumalanga. The donation was made in a bid to improve ECD in the area and to give children and ECD practitioners access to a collection of carefully selected educational toys. This also included play sessions and training on how to use the toys to enhance development.

The Mashishing Toy Library, which Cotlands established in 2012, serves as a depot from where the mobile toy library goes out to different playgroups in the area. Now with a presence in five provinces, Cotlands operates as a non-centre-based delivery model of an integrated, holistic ECD programme which includes play-based education, health, physical and nutritional support. With this approach, they service children without expensive infrastructure and go wherever the children are in need, be it at a homestead, a hut, under a tree, in a church or in a shack.

Cotlands' Toy Libraries also provide a lending service where members take out educational toys for their children (providing them with access to play and early learning opportunities at home), assistance to under-resourced ECD centres, as well as capacity building sessions for parents, caregivers or ECD practitioners. The mobile libraries, equipped with a wide range of educational toys and resources, enhance the learning experience for children and can reach them in remote areas.

This donation to Cotlands was to benefit around 1 400 people in the area, including the children and their parents, caregivers/ECD practitioners.



ECD toys

### Sasekani Crèche

The Foundation donated educational toys to Sasekani Crèche in Songeni Trust, a rural village in Thulamahashe, Mpumalanga. The crèche was established in 1988 following a need for an ECD centre in the area.

Sasekani has five educators who not only look after the children of working mothers but also help in readying them for their schooling years. Some of the parents are unemployed, however the crèche was opened mainly with a vision to help develop all young children from an early age. Sasekani has 131 children, who will all benefit from the donation as the toys will make their learning experience more constructive.

### School support

#### Teach SA (Teachers Education and Curriculum Help SA)

Teach SA recruits, selects and places dynamic young graduates who have excelled at university and are willing to make a contribution not only in the classroom, but also in the school community.

The Teach SA programme is a business-led initiative in education that seeks to rectify one of the major factors preventing South Africa from being able to sustainably meet the GDP growth requirements needed to alleviate unemployment and poverty. The socio-economic difficulties which South African children still endure have a lasting impact on their prospects. There is a shortage of quality teachers in Mathematics and Science, a problem which underlies South Africa's underperforming education system.

Teach SA enables and supports schools that have a shortage of quality teachers in Mathematics, Science and English (which is a majority of schools in previously disadvantaged areas). Teach SA attracts and supports SA's most talented graduates to teach in schools for at least two years to improve learner performance in Mathematics, Science and English.

These future leaders accept that it will take different but deliberate strategies and collaborative partnerships to turn around most of our dysfunctional schools.

Eskom's association with the programme started in 2011 when it placed ten ambassadors in five primary schools in the Lephalale area. In 2016 Teach SA implemented programmes in Mpumalanga where Eskom identified the need for support of high school learners and teachers. Medupi Power Station also funded a Teach SA initiative with primary school learners. In 2017, the Eskom Development Foundation funded the Teach SA initiative surrounding the Kriel and Kusile areas in Mpumalanga. This initiative started out with four schools being funded in 2016 and was increased to five in 2017.

### Amukelani Pre-School

The Foundation helped improve conditions at the Amukelani Pre-School in Thulamahashe, Mpumalanga. Renovations were done and furniture donated to help make the nursery safer and more habitable for its children. The children, aged from 0 – 4 years old, are mostly victims of malnutrition as many of their parents are unemployed, with some coming from teenage pregnancies.

The pre-school was established in 1993 to give assistance to the community by providing a decent place for their children's early development. The children are always under their caregivers' supervision in and outside the building. The facility has a security fence and they keep their gate locked at all times. They also have some important safety equipment, such as a first aid kit and fire extinguishers.

The ceiling of their baby room was damaged due to a heavy storm and they were not able to use it for a while. They also didn't have sufficient storage for all their ECD equipment. The Foundation came to their assistance by renovating the baby room as well as installing a cupboard for storing their educational materials.

The donation, which has left the children and caregivers at Amukelani a better environment, is part of Eskom's commitment to bringing about meaningful and sustainable development to communities in South Africa. Eskom supports the continued efforts to improve our country's education system and endeavours to create an environment that is conducive to teaching and learning in schools.



Storage cupboards installed: before and after



In the reporting period the programme was presented in Mpumalanga in the Kriel, Delmas and Ogies (Nkangala) areas.

Since the inception of the programme, 2 888 beneficiaries have benefited from this programme with eight ambassadors in four schools.

The following schools are beneficiaries of the programme in the Mpumalanga area:

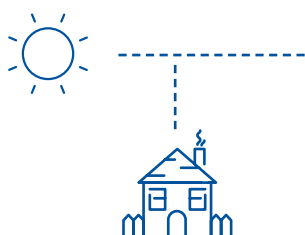
- Chief Ampie High School Kriel Power Station
- AD Nkosi High School Kriel Power Station
- Sibongamandla High School Kriel Power Station
- Mehlwana Secondary School Kusile Power Station
- Kriel High School Kriel Power Station

In 2017, through Teach SA, 16 matriculants from Mpumalanga enrolled at colleges and universities. The learners enrolled for the following:

- B Com Accounting
- Biomedical Technology
- B Eng Electrical engineering
- B Sc Civil Engineering
- B Sc Chemical Engineering
- Mechanical Engineering
- Public Management
- Mechanical Engineering
- Electrical Engineering (heavy current)
- Diploma in Mechanical Engineering
- Mechanical Engineering
- IT Extended Diploma



Teach SA graduates



### Telematics System Mathematics and Science Programme

In demonstrating an ongoing commitment and support to addressing challenges of education and poverty in South Africa, DPE and SOCs embarked on a telematics project rollout to provide Mathematics and Science subjects (i.e. Physics, Chemistry as well as Biology) support that will benefit learners from disadvantaged and underperforming schools across the country.

Telematics System Programme is owned by the University of Stellenbosch, which provides a satellite-based interactive platform for learners to access education support in various subjects such as Mathematics and Science with the aim of improving their performance. However, content is developed and copyright is held by the Western Cape Department of Basic Education (WCDBE).

All SOCs have identified schools in provinces where their operations are located, prioritising poor performing schools in rural areas. In other circumstances, excelling schools have been chosen to be champions of excellence through this telematics programme that allows such schools to share their good practice with other surrounding schools.

The programme has been implanted in the following:

- Harding Secondary School
- OR Tambo Technical College
- Phagameng High School
- St Johns Technical College
- Zikode High School

### Mathematics, Science and Technology programme

The Student Development Department in Eskom Human Resources Division is the custodian of the Mathematics, Science and Technology programme. Several additional programmes were initiated in 2003 in support of the Dinaledi Programme launched by the Department of Basic Education to improve studies in mathematics and science in South Africa.

In 2017/18, Eskom Human Resources Division celebrated the 12th anniversary of the Mathematics, Science and Technology programme. Our investment in education is a comprehensive intervention enabling our youth to realise their full potential.

The beneficiaries of the mathematics, science and technology programme are listed here:

Names of Initiatives	Province	Area/Town/City	Number of beneficiaries		
			Male	Female	Total
Botlhabelo Secondary School	North West	Brits	733	811	1 544
Healdtown High School	Eastern Cape	Fort Beaufort	123	126	249
Indwe	Western Cape	Mosselbay	620	688	1 308
Kopanang	Mpumalanga	Witbank	422	402	824
Mafa Max	Mpumalanga	Delmas	430	494	924
Manzomthombo	Western Cape	Khayelitsha	887	700	1 587
Maphutha	Gauteng	Tembisa	809	918	1 727
Mbilwi	Limpopo	Thohoyandou	833	1 385	2 218
Milton Mbekela	Eastern Cape	Qunu	469	544	1 013
Mmathabo	Free State	Qwaqwa	254	278	532
Moreko	Limpopo	Nebo	931	1 056	1 987
Mphathesitha	KwaZulu-Natal	Nkandla	318	248	566
New Hope	Gauteng	De Deur	482	383	865
Oliver Tambo	Eastern Cape	Bizana	260	242	502
Thutopele	North West	Brits	498	565	1 063
Umso	Northern Cape	Colesburg	509	444	953
William Pescod	Northern Cape	Kimberley	433	640	1 073
Yakhisizwe	Free State	Parys	205	365	570

Each intervention consists of the following:

- Each school can appoint two educators to assist with teaching Mathematics and Science, salaries are paid by Eskom
- Educator development workshops for Mathematics and Science are conducted annually
- Winter school enrichment programme
- Stationery, Mathematics, Science and English teaching resources
- Computers and printers
- Interactive white boards and more

### Mathematics, science and technology programme: class of 2017 results

School	Province	Maths: total wrote	% pass	Science: total wrote	% pass	Matric total wrote	Overall % pass	Number of distinctions	Bachelor, Diploma, Certificate	
Mbilwi Secondary	Limpopo	423	81.08	419	84.96	455	89.9	340	Bachelors Diplomas Certificates	239 96 40
Mafa Max	Mpumalanga	86	59	50	74	120	92.5	29	Bachelors Diplomas Certificates	44 53 14
Oval North	Western Cape	50	72	53	62.3	163	90.8	29	Bachelors Diplomas Certificates	29 88 31
Thutopele	North West	102	55.9	90	52.2	164	92.2	23	Bachelors Diplomas Certificates	52 44 23
Botlhabelo	North West	29	93.1	27	88.8	143	87.5	15	Bachelors Diplomas Certificates	50 68 11
Umso	Northern Cape	19	78.9	17	70.5	90	94.5	0	Bachelors Diplomas Certificates	37 21 12
Kopanang	Mpumalanga	29	66	29	71.4	113	71.0	0	Bachelors Diplomas Certificates	41 40 30
Manzomthombo	Western Cape	47	93.6	98	63.3	216	91.6	9	Bachelors Diplomas Certificates	86 61 44
Mphathesitha	KwaZulu-Natal	62	14.5	34	94	101	96.4	2	Bachelors Diplomas Certificates	16 11 15

School	Province	Maths: total wrote	% pass	Science: total wrote	% pass	Matric total wrote	Overall % pass	Number of distinctions	Bachelor, Diploma, Certificate
Mmathabo	Free State	93	69	74	82	118	87.3	5	Bachelors 69 Diplomas 33 Certificates 10
Yakhisizwe	Free State	18	77.8	17	76.5	118	86.6	3	Bachelors 25 Diplomas 42 Certificates 28
Oliver Tambo	Eastern Cape	14	41	19	38	92	45.9	–	Bachelors 4 Diploma 13 Certificates 11
Healdtown	Eastern Cape	4	25	4	50	33	21.0	–	Bachelors 1 Diplomas 5 Certificates 1
Milton Mbekela	Eastern Cape	108	63	86	68.6	236	65.0	48	Bachelors 35 Diploma 91 Certificates 27
William Pescod	Northern Cape	66	57.6	58	46.6	158	82.0	28	Bachelors 26 Diploma 55 Certificates 26
Indwe	Western Cape	28	56	34	70	156	64.7	19	Bachelors 26 Diplomas 43 Certificates 32
Maphutha	Gauteng	69	67	57	65	285	87.2	96	Bachelors 67 Diploma 102 Certificates 43
New Hope	Gauteng	28	85.7	28	89	136	95.6	31	Bachelors 62 Diploma 53 Certificates 15
Moreko	Limpopo	94	100	83	100	132	100.0	87	Bachelor 85 Diploma 42 Certificates 5
Nonhleu	KwaZulu-Natal	76	8	24	42	212	54.7	45	Bachelors 46 Diploma 88 Certificates 29

The programme has been incredibly successful and saw several schools achieve outstanding results and matriculants excelling. A top 2017 matriculant, Anza Tshipetane from Mbiliwi Secondary School, received the national award for the best results in Physical Science and Mathematics. The 18-year-old girl from Tshisahulu outside Thohoyandou also won the Disadvantaged Schools and the Best Girl in Science categories, which earned her a two-week study tour in London.



Top achiever in maths and science in Limpopo

Across the country, schools that participate in the programme are thriving, with educators and learners receiving prizes and awards for their outstanding achievements. Moreko Secondary in Nebo, Limpopo is an example of the impact of the programme. The class of 2017 obtained a 100% pass as well as a 100% pass in both Mathematics and Physical Science.

The programme is highly praised by educators and parents who credit it with the improved results of participating schools.



Moreko Secondary School learners with their prizes

#### Eskom Expo for Young Scientists



Expo for Young Scientists was established by the late Dr Derek Gray in 1980 to achieve the following:

- Encourage the youth of South Africa to participate in Science, Technology, Engineering, Mathematics and Innovation (STEMI) activities in order to promote an interest in these areas and develop scientific skills
- Create opportunities for young students to develop and pursue their interests in an encouraging and rewarding environment, and to improve tertiary education prospects

Eskom Expo for Young Scientists (EEYS) is an exposition, or science fair, where students are given the opportunity to display their projects about their own scientific investigations. At EEYS, students can discuss their work with judges, teachers, students from other schools, parents and other interested people. By participating in EEYS, students increase their awareness of the wonders of science, add to their knowledge and broaden their scientific horizons.

EEYS is a service rendered to the South African community, which has been supported by Eskom and other sponsors for a number of years. EEYS seeks to engage young people in high-quality scientific research. Projects, which are put forward for exhibition, are carefully judged in terms of creativity, originality, scientific rigor and presentation. From the 35 regional expos, about 500 projects are selected for

the international finals event. The various marketing initiatives are an ongoing process to recruit more schools to participate in EEYS activities as well as conduct more workshops for educators and learners.

The EEYS process involves the following:

- Communication is sent to schools early in the school year. This includes Expo guide books, posters, entry forms, etc. Over the months preceding the regional Expos, which would typically take place from July to September each year, regions do training for teachers, organise workshops for learners and identify new schools
- At the regional Expos, projects are judged, prizes awarded and selections made (within quotas) to participate at international finals
- At international finals about 200 judges are drawn from the NGO sector, education departments, tertiary institutions and the corporate sector. Participants are awarded gold, silver and bronze medals as well as a host of special awards
- A number of winning projects are selected to participate at various International Science Fairs ranging from Asia to North America

Eskom has owned the title rights for the Eskom Expo for Young Scientists since 2001. Other national sponsors include the University of the Witwatersrand, University of Pretoria, Department of Science and Technology, Department of Basic Education and Siemens. All universities across the country support the regional science expos through mutually beneficial partnerships. The universities provide the venue for the project displays and the judges to evaluate the projects, as well as mentors on request to assist with project upgrades and mentorship for international competitions. Furthermore, universities provide bursaries to outstanding learners in order to attract the brightest young minds in the regions to study at their institution. This has created healthy competition among all universities to the extent that some of them are now awarding bursaries at International Science Fair (ISF) level, to ensure they reach the brightest learners from across the country.

Learners can enter their scientific investigation into one of 24 categories:

- Agricultural sciences
- Animal and veterinary science
- Chemistry and biochemistry
- Computer science and information technology
- Earth science, housing and settlement studies
- Energy productivity
- Energy: non-renewable – fossil fuels and use of electricity
- Energy: renewable – biofuels, geothermal, bio digesters
- Energy: renewable – solar, wind, wave, hydro
- Engineering: chemical, metallurgical, civil and mining
- Engineering: electrical and electronics
- Engineering: mechanical, aeronautical and industrial
- Environmental management

## SOCIAL DEVELOPMENT

continued

- Environmental science: changes to the environment
- Food science, food technology and healthy eating
- Innovation and technology
- Mathematics and statistics
- Medical science and health care
- Microbiology and diseases
- Physics, astronomy and space science
- Plant sciences including marine plants
- Social and psychological sciences
- Sports science
- Sustainable development

EEYS currently operates in 35 regions in all nine provinces of South Africa and is run by volunteers. The annual International Science Fair is the premier science fair on the African continent. The EEYS is therefore seen as the beacon for science and innovation on the continent.

The primary focus of the EEYS intervention at grassroots level is growth in various areas and to ensure participation of at least 50% females and 60% previously disadvantaged individuals (PDI) at all levels. In 2017, EEYS achieved 56% female participation and an astounding 73% PDI participation. In addition, EEYS reached 1 951 schools, a 30% growth from 2016 and 156% growth over the past four years. The table below outlines the details of learner participation.



Mbilwi Secondary school learners and an experiment demonstration

Learners who excel at the regional expos are invited to participate in the International Science Fair (ISF) held annually in Johannesburg.

At ISF, learners stand a chance of winning medals as well as high-value awards, like full bursaries. The outstanding achievement in 2017 was general improvement in the quality of projects and an increase in the number of PDI learners winning medals at ISF. The overall winners at ISF, selected purely by their marks awarded by the category judges, won R75 000 for the senior winner and R50 000 for the junior winner. Thirty organisations presented special awards to 104 recipients; over R5 million worth of prizes were awarded at ISF this year.

- Seven countries attended ISF, including six from Africa (Ghana, Nigeria, Tanzania, Mozambique, Zimbabwe, and Lesotho); and Brazil from South America. Siemens sponsored the full costs of four countries. Kenya was all set to attend, but was denied permission by their government due to the unrest in their country at the time
- Two Ministers made a special mention of the transformation they have seen over the years
- A learner academy was initiated to stimulate ideas among the finalists to be more innovative next year and beyond. The ISF director selected scientists from a variety of organisations to present these talks
- Outstanding projects were selected to represent South Africa in:
  - Taiwan International Science Fair
  - China International Science Fair
  - Lesotho Science fair
  - Kenya Science Fair
  - Intel ISEF
  - Broadcom Masters
  - Mexico science fair
  - Sweden International Youth Science Seminar and Nobel week

Working with under-resourced schools is a huge challenge to EEYS as well as the Department of Basic Education. EEYS has devised a strategy to assist these schools and educators in an effort to level the playing fields, by using a school readiness matrix designed by EEYS. Though EEYS has been expanding to new schools, the intervention has ensured that projects are of a good standard to enable learners from previously disadvantaged backgrounds to compete on an equal footing with learners from well-resourced schools.

These new interventions include:

- Mentorship programme at school level
- School science clubs
- Science camps
- Learners' academy

Some of these interventions, like the mentorship programme, are new to South Africa and EEYS is developing a model to be used by other competitions and Olympiads. This initiative is funded by the Department of Science and Technology.

Over the years, EEYS has been generating many positive stories and is being well received by the press. As at December 2017, EEYS had generated a public

relations (PR) value of R17 948 297.50, with details of the Advertising Value Equivalency in the table below. Many learners and volunteers across the country have featured in print, social media, radio and TV coverage.

### Eskom's Tertiary Education Support Programme (TESP)

One of the Foundation's initiatives to address challenges in education is the tertiary education support programme (TESP), an initiative aimed at contributing to the building of human resource capacity at tertiary education institutions through investment in industry-related research and education for building the industry skills pipeline.

The programme has been in existence for more than 26 years, and has evolved since its humble beginnings. It went from supporting around 300 students and now supports more than 1 000 students per year in the areas of science, engineering and technology.

The objectives of the programme include:

- Developing students with increased level of knowledge and skills in science, engineering and technology
- Increasing the knowledge base of lecturing staff at higher education institutions
- Retaining lecturing staff
- Increasing the pool of potential employees
- Exposing industry experts to larger specialist networks locally and internationally
- Providing a platform for networking and continuous development
- Providing universities with a platform to understand the needs of industry
- Developing capability to conduct research
- Support learning delivery for the industry

TESP's main success relies on the joint partnership with industry and higher education institutions. TESP is able to identify industry specialists who work closely with academics in specialisation areas to further research, education and capacity development in these critical and scarce core skills. This joint working relationship has been further supported by national government programmes such as the Technology and Human Resources for Industry Programme – a flagship research and development programme of the Department of Trade and Industry. The programme has also been used to solicit international partnerships and funding support in certain areas. TESP also works closely with the higher education structures in the country.

During the 2017 academic year, a total of 171 grant-holders (academics) from 16 universities and four universities of technology were supported through TESP, with 1 279 students (360 Masters, 321 doctoral, 55 post-doctoral, 115 B-Tech, 142 M-Tech, 36 D-Tech, 250 B Sc (Hons) students within the TESP centres) being supported in the various degree programmes. Grant-holders have been supported with grants ranging between R30 000 and R200 000. The grant-holders submit annual progress reports and financial statements during the year.

The successes of TESP include developing research centres at universities in several areas related to Eskom's business, which have undertaken contract research work, produced academic papers, developed academics, supported the skills pipeline, and contributed to transformation in the Science, Engineering and Technology (SET) fields. The technical networks of specialisation supported by TESP include:

- Renewable energy
- Primary energy
- Asset management
- Power transmission systems
- Power systems analysis and control
- Power electronics and control systems
- Electrification
- Energy efficiency and demand side management
- Metering and measurement
- Integrated system and energy planning
- Information and communications technology
- Electrical machines
- Environmental impacts
- Water, materials and mechanical systems
- Human resource development
- Health and safety

The TESP report back meeting was held on 24 January 2018 at the University of Witwatersrand. The event was well attended with 82 delegates, many from universities of technology. The purpose of the report back meeting was to discuss progress on the projects and collaboration between the universities and universities of technology. This year's event focused on Technology Innovation Leadership and how to take research further into commercialisation.

### Education: Stellenbosch University bridging programme

The Eskom Development Foundation supports science and mathematics at the University of Stellenbosch through the university's bridging programme, SciMathUS. The year-long SciMathUS programme, managed by the Stellenbosch University's Centre for Pedagogy (SUNCEP), helps students from educationally disadvantaged communities to gain access to higher education and also prepares them for success in their tertiary studies.

During the 2017/18 financial year, the Foundation supported 50 students from previously disadvantaged communities to participate in this programme. To date, the Foundation has supported 250 students to participate in the programme.



#### Programme objectives

SciMathUS affords students from educationally disadvantaged communities who have already passed Grade 12, but did not qualify for admission into higher education, a second chance to do so. The programme is an intensive, holistic year-long exercise. Apart from preparing to rewrite the national senior certificate (NSC) examination in mathematics and physical sciences, the programme aims to equip students with the skills to study successfully in higher education; enhance their reasoning, interpersonal, time management and problem solving skills, and teach them to take responsibility for their own learning.

On average more than 88% of the students who complete the programme successfully enrol in higher education.

#### Results achieved

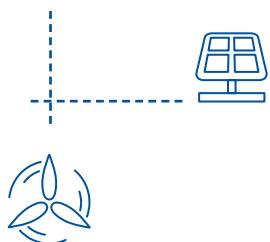
All the students supported by the Foundation during 2017, successfully completed the programme and are enrolled with the Stellenbosch University to continue their formal studies during 2018.

To date, 20 students from the 2013/14 groups have obtained their degrees and two have obtained postgraduate degrees. Thirteen students are in their final year and should graduate at the end of 2018.

There are 14 final-year students from the 2015 group, which brings the total number of potential graduates for 2018 to 27. Six students are also currently busy with post-graduate studies. There are 38 students from the 2016 group and 45 from the 2017 group still busy with their studies.



Graduation: Linula Thandile, Amy de Wee, Russia Sylvester and Inge Oliphant



#### Selometsi Sehloho: A former SciMathUS student

I am in the process of registering as a professional engineer with the Engineering Council of South Africa (ECSA) and it is something I am very excited about.

My journey towards becoming an engineer at Stellenbosch University started with SciMathUS. I applied for the programme while in matric in case my application to study BSc Chemistry (at another university) was unsuccessful. As things turned out, I got accepted into SciMathUS. This was the beginning of my journey to qualify as a professional engineer.

SciMathUS bridged the knowledge gaps I had in Mathematics and Physical Sciences. We were also thoroughly prepared for student life in general. The highlight of SciMathUS for me was the amazing support that we received. For someone who was completely new at Stellenbosch (I am from the Free State), I appreciated that immensely.

My marks improved to an A and B respectively and I was accepted for B Eng (Chemical) at Stellenbosch University in 2006. The support from SciMathUS continued and this helped me a lot through my first year.

I successfully completed my studies in 2011 and got appointed on the Engineer in Training (EIT) programme at Eskom Lethabo Power Station in 2012.

After completing it in 2013, I was appointed as an integration engineer at Medupi Power Station in 2014. Some of my key responsibilities included managing engineering changes, managing engineering projects and also providing technical advice and assistance.

I love and enjoy what I do. Most importantly, the fulfilment that comes with keeping the 'lights burning' and knowing that what you do has an impact on society today is very rewarding.

I am constantly growing and learning new things. This all started with the opportunity and foundation given to me in SciMathUS. For that I am very thankful.



Bright future awaits SciMathUS class of 2017



#### Hlakanipha Tshalanga delivers his message to SciMathUS students

"The greatest gift that anyone can give today's youth is to equip them with critical thinking skills and the ability to reason logically, because these qualities not only make for an excellent student, but also an active citizen that contributes positively to society. And SciMathUS has given each and every one of us that gift."

These were the words of Hlakanipha Tshalanga, one of the 101 students in the SciMathUS class of 2017, at the programme's end-of-year function on 17 October 2017.

"I've realised how much my perception of the world and thinking processes have changed. I finally understand the power of asking questions. This entire journey was more than just about academics, it was also hugely about self-actualisation and becoming people we've always wanted to be. Personally, I have uncovered so much about myself because this programme stretched me far beyond what I thought I was capable of," said Hlakanipha.

"I thank SciMathUS for this life-changing experience – the teaching staff constantly made it clear that they cared for us beyond the books, that they care about our goals and that they cared about our well-being."

Hlakanipha also expressed his gratitude to the donors whose contributions have allowed numerous students a second chance. "We understand that SciMathUS is not an easy ship to keep afloat and we thank all stakeholders for ensuring that things stay the way they are."

Dr Jerome Joorst, the residence head of the programme encouraged the Class of 2017 and said that challenges could be overcome with the right approach. "In a game of cricket a batsman does not score 300 in one shot. He chips away and slowly but surely builds a solid foundation until he reaches that score."

"We send you off today with the idea that in life there are lots of hills and valleys to overcome, but you will overcome them: one by one, just like the batsman. Keep on working, keep the discipline and make us proud," he added.



Hlakanipha Tshalanga

#### Rural school infrastructure development programme

The programme is aimed at addressing inadequate infrastructure by contributing to the building, renovation and construction of rural schools.

#### Case studies



##### Sibongindawo and Imbalenhle Primary schools

The Foundation made donations and assisted in the building of a new school in Wilge, near Emalahleni (Mpumalanga). The school now accommodates learners from Sibongindawo and Imbalenhle Primary Schools, from Balmoral and Kendal respectively.

After learning of the dilapidated state of the two schools, the Foundation committed to contribute by ensuring that a new school would be built to accommodate learners from both schools, combining them into one. The new school, which adopted Sibongindawo as its name, accommodated all 480 learners from both schools.

Alstom and ArcelorMittal also came on board and committed to assist in the project by carrying the costs for the building of the school (Alstom) and providing computers (for the computer centre) as well as educator training (ArcelorMittal).

The old Sibongindawo Primary School was situated on land that was earmarked by Anglo Coal to develop New Largo Mine, which would supply Kusile Power Station with coal. The learners had used an old run-down hostel building with many potential health and safety risks and not conducive to their learning.

Due to the poor infrastructure around the area, the new school was off the electricity grid with solar being the best option as a source for power. To help address this challenge, the Eskom Foundation supplied a complete photovoltaic system up to the point of AC connection. The Foundation also donated gas stoves, fridges and freezers, as well as a vegetable garden.



Classroom block and solar panels donated by the Foundation



### Duvha Primary School and Ilanga High School

The Eskom Development Foundation, in partnership with the Mpumalanga Department of Education, relocated Duvha Primary School and Ilanga High School, which were previously located next to Duvha Power Station in eMalahleni.

A new site for both schools was identified and after completing the building, the relocation was done. The previous buildings were in a very bad state and not conducive for a teaching and learning environment. The structures were old hostels which were used by Eskom power station employees and were made of asbestos, opening the learners to potential health risks.

Although the project involved two schools, it was agreed between the Foundation and the Department that it be managed as one.



Newly built Duvha Primary School



### Dinokeng Primary School

The Foundation made a donation to the Dinokeng Primary School, which is located in the farming area of Maribank in the Vaal. The school had requested the Foundation to assist with infrastructure development in order to improve the learning environment.

There was a great need for assistance based on the learning conditions which included overcrowding in classrooms and limited resources inhibiting the enhancement of the quality of education being provided to the school's 467 learners. The Foundation built five additional classrooms, two grade R classrooms, an administration block, paving and also provided the school with a septic tank.

Eskom's intervention had a huge impact on the quality of learning, and made the environment friendlier for the educators and support staff.



Dinokeng Primary School



### Mabate Intermediate Farm School

The Foundation's donation to Mabate Intermediate Farm School indicates how strategic assistance has helped the ECD to achieve what they've dreamed of in many years.

Mabate Intermediate Farm School originated from Matsikeng farm, near Harrismith in 1964. The school was moved from Matsikeng to Mount Paul, next to Sterkfontein Dam in 1985, which is where it is currently located. It started as a primary and later changed to an intermediate starting from Grade R to Grade 9. The school has eight educators, two non-teaching staff and 100 learners. There is a seven member School Governing Body.

The school experienced a growth in the number of learners and as a result, found themselves with a big dilemma of shortage of library and laboratory. The school has benefited from the Foundation and was able to make some upgrades including, perimeter fencing, prefabricated (two classrooms, principal's office and fully furnished learners' kitchen). As a school, they wanted to reflect the culture of learning and teaching in giving effect to the right education and the correct life. "We are very happy because the project is going to help our learners in such a way that their first experience of Natural Science practical work and enthusiasm of reading books in their new library will impact their results going forward," said the Deputy Principal Mme Mofokeng.

The donated prefabricated infrastructure will be divided into a fully furnished library with book shelves, tables, chairs and a mobile laboratory included in the scope of work. An improvement of the library/laboratory ensured the safety of learners as a second emergency exit door and disability access ramp were installed.

In the 2013/14 financial year, the Foundation assisted Mabate Intermediate Farm School with a donation of R799 630, to cater for security devil fork fence erection, two prefabricated classrooms, principal's office and kitchen. In the 2017/18 financial year, Eskom found a need for the school to be assisted with a donation of R465 177, to cater for the ongoing project. The donation improved the standard of the school and raised awareness among the surrounding communities and the school learners on how Eskom as a business unit harmonises its activities in local communities.



Mabate Intermediate Farm School prefabricated classroom

## COMMUNITY DEVELOPMENT AND WELFARE PROGRAMMES



### i-Volunteer

#### Winners of the Eskom Sinobuntu Guardian i-Volunteer Programme

**Winner: Strategic Services Functions (SSF) HR Business Partner (HRBP) team, Gauteng Operating Unit**

The SSF HRBP is a team of 50 employees of various levels. The team has gone beyond their call of duty for the past two years. The SSF HRBP embraces one of Eskom's leadership pillars "Leaders with hearts of servants". Apart from focusing on the execution of the human resources and HRBP mandates, the team is also driven and challenged to recognise special days in the calendar with the aim of making a positive impact to both the team and the community.

The funds for these activities came from the SSF HRBP employees who contributed from their pockets. These initiatives made a great contribution and impact to the recipients of their good gesture. The team has since participated in the following:

- International Mandela Day
- National Women's Day
- Heritage Day

Each year since 2016, a committee gets established from the SSF HRBP team to identify a home that will be adopted in the year as part of the International Mandela Day initiative. The team identified a plan on the entire project and a guide on how the project is accomplished.

The team celebrated Women's Month in 2016 under the theme "Playing the right bat for success" and the senior manager and her direct reports invited internal and external speakers to motivate and challenge the team on the various topics, aimed at individual capacitation and inspiration.

The following were some of the topics dealt with:

- The journey of your life: How to be your best
- Unleashing inner woman leadership to extend to others
- Defining your own beat for personal success
- Bravery and success: Penetrating the world of success as an individual employee
- Work/life balance and stress
- Women health and beauty
- The mountains we have to climb to success

For Heritage Day, the team held quarterly staff engagement sessions coupled with the day's celebration. For International Mandela Day, to instil the value of giving back to the community, the team also celebrated with Sinobuntu, one of Eskom's values which has become part of the SSF HRBP team annual calendar.



## COMMUNITY DEVELOPMENT AND WELFARE PROGRAMMES

continued

For the 2016/17 financial year, the SSF team function heeded the call and decided to take up the challenge in positively contributing to the fight against poverty and also supporting the vulnerable and destitute. A successful project was therefore embarked on where the team visited Tumelo Home in Ivory Park, Midrand and donated groceries. Tumelo Home caters for children with physical and mental problems such as being mentally handicapped, orphaned, abused and abandoned. The home currently accommodates 32 children under the age of 16.

The day was well-spent and included:

- Cooking for the children and staff
- Feeding the children living with disabilities
- Giving out party packs to the children
- Playing with the children

The SSF HRBP team embraced Mandela's legacy and demonstrated the spirit of "Ubuntu".

The team also got involved with the New Jerusalem Children's Home. This is a 24-hour residential care centre providing services aimed at addressing the physical, emotional, social, intellectual and spiritual needs of orphaned and HIV-positive children and vulnerable youth from birth to 18 years.

The team then decided to align with them for 2017 and opted for gardening, cleaning, curtain-fitting and blanket-making projects. The rationale for the project was to involve New Jerusalem in projects that are sustainable.



Fun activities

The cash collected from the individual HRBP team members was used for buying groceries, vegetable seedlings, curtains etc. The activities that the SSF HRBP team did for the day involved:

- Making of blankets
- Donation and hanging of curtains
- Giving motivational talks to the kids
- Sustainable vegetable garden planting of seedlings
- Donating groceries
- Preparation of food and feeding kids and the community with fruits and food (braai)
- Jumping castle for the kids to play
- Presentation on electricity safety

The day spent with the children at the home was not only about the them, but also about bringing the team together to spend the day having fun and enhancing team spirit.



Painting

### Runner-up: Energy Planning and Market Development (EPMD)

The EPMD business unit started an initiative a couple of years ago to donate goods and cash to two charities every year for Mandela Day.

In 2016, Little Eden and the Door of Hope were the beneficiaries of choice. Little Eden is an NPO providing life-long care to 300 children and adults with profound intellectual disability in two custom-designed residential facilities – Domitilla and Danny Hyams Home in Edenvale and Elvira Village at a farm in Bapsfontein.

The Door of Hope is an organisation that provides a safe and loving family environment for abandoned babies. They have saved over 1 658 babies and 187 bin babies.

EPMD also established that Little Eden had asked the municipality for many years to plant some trees outside their premises but to no avail. The EPMD department dedicated to assist Little Eden on Labour Day on 1 May.

On Mandela Day, staff were asked to bring household goods, clothes, furniture and food that could be used at Little Eden or sold in their second-hand shop. Three boxes were filled to the brim with goods collected and delivered to Little Eden. A cash donation was also made by staff towards Little Eden.

The Door of Hope was in need of medicine, baby toiletries, nappies, formulas, cash for salaries and Pick 'n Pay and Dischem vouchers. EPMD not only donated toiletries, cash and shopping vouchers, but also spent time visiting and playing with the babies.

On Arbour Day 2016, EPMD purchased 10 Bush Willow trees to be planted at Little Edens Domitilla and Danny Hyams Home. The task included obtaining the permit from Ekurhuleni City Council as the trees were going to be planted on the road side. To reduce the cost of the trees and compost to Eskom, the team negotiated a cheaper price with a nursery in Pretoria and transported the trees with a staff member's vehicle to Little Eden. EPMD staff members joined in to mix the compost and bone meal to put in the 10 holes, and thereafter planted the trees one by one. The team also spent time visiting the facility and its residents.

Both homes expressed gratitude for the donations and support offered to them by the EPMD Guardians.

For the EPMD team, it was inspiring to witness the commitment and dedication of each and every employee of the charity organisations fulfilling their role and responsibility in caring for babies and people with intellectual disabilities. Helping others is not only good for them and a good thing to do, it also makes the team happier and healthier. Giving also connects the staff to others, creating stronger communities and helping build a happier society for everyone. It is also not all about money, they can also give their time, ideas and energy.







## SUPPLEMENTARY INFORMATION

### 39 Beneficiary programmes and projects

## BENEFICIARY PROGRAMMES AND PROJECTS

Project name	Province	Location
Abanqobi	Mpumalanga	Emalahleni
Abba Family Counselling Centre	Western Cape	Grabouw
African Diaspora Hope	Gauteng	Turfontein
AOD Foundation NPC	Western Cape	Pacaltsdorp
Asibambimpilo	KwaZulu-Natal	Danhauser
Asisebenzeni Mphakathi Okwethu	Gauteng	Johannesburg
Atlehang Daycare Centre	Gauteng	Hammankraal
Avondale Primary School	Western Cape	Westfleur
Ba-abele Drop In Centre	Limpopo	Polokwane
Bahlaloga Community Home Based Care	Limpopo	Polokwane
Bangwanate Disabled Project	Limpopo	Mokopane
Belfast Primary School	Mpumalanga	Belfast
Berea Temple Day Care Centre and Preschool	Gauteng	Ennerdale
Bergville Community Builders	KwaZulu-Natal	Bergville
Bhevu High School	KwaZulu-Natal	Ladysmith
Big Eye Daycare and Preschool	Gauteng	Palm Ridge
Blinkpan Primary School	Mpumalanga	Blinkpan
Bokamoso Impact Investment	North West	Kungwi
Bollie Kabouter	Western Cape	Durbanville
Bomikazi Crèche	KwaZulu-Natal	Danhauser
Bongiduvha Combined School	Mpumalanga	Emalahleni
Breast Care Foundation	Western Cape	Athlone
Camden Combined School	Mpumalanga	Ermelo
Caritas Child and Youth Centre	Northern Cape	Barkley West
Carpe Diem Skool	Western Cape	George
Cathulani Daycare Centre and Preschool	Gauteng	Palm Ridge
Cebisa Senior Secondary School	KwaZulu-Natal	Melmoth
Cecilia Crèche	Western Cape	Mossel Bay
Chaloma Crèche	Mpumalanga	Acornhoek
Chief Luthuli Primary School	Mpumalanga	Kwa Mhlanga
Christian Day Care Centre	Gauteng	Roodepoort
Christian Social Council / Christelik Maatskaplike Raad van Middelburg	Mpumalanga	Middleburg
Christopher Nxumalo Primary School	KwaZulu-Natal	Chesterville
Collywobbles Junior Secondary School	Eastern Cape	Dutywa
Community Action Partnership	Western Cape	Swellendam
Cophetsheni Primary School	Mpumalanga	Kabokweni
De Heide Primary School	Western Cape	Bredasdorp
Doornkop Puthadichaba Organisation	Gauteng	Johannesburg
Education Youth Empowerment Studies	Gauteng	Roodepoort
Edwaleni Primary School	Mpumalanga	Kabokweni
Ekhayaletu Educare Centre	Gauteng	Johannesburg
Ekucathuzeni Primary School	Mpumalanga	Barberton

## BENEFICIARY PROGRAMMES AND PROJECTS

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Project name	Province	Location
Ekukhanyeni Assisted Living	Mpumalanga	Kwa Mhlanga
Ekuphumuleni KwaMashandu Old Age Home	KwaZulu-Natal	Mandeni
Elusindisweni Primary School	Mpumalanga	Middleburg
Embonisweni Primary School	Mpumalanga	Kabokweni
Empa Inga Older Person Project	Eastern Cape	Mthatha
Emseni Community Development /Kwasa	KwaZulu-Natal	Ladysmith
Emthonjeni Community Centres	Gauteng	Zandspruit
Enjabulweni Primary School	KwaZulu-Natal	Ladysmith
Enkuthazweni Educare Centre	Western Cape	Khayelitsha
Enyanisweni Daycare Centre	Eastern Cape	Queenstown
Evangeli Encha Home Based Care	Gauteng	Krugersdorp
eViwe Community Centre	Western Cape	Kwanonqaba
Fridas Daycare	Gauteng	Hammanskraal
Fundani Nathi Educare Centre	Western Cape	Gugulethu
Ganzekraal Farming Trust	Western Cape	Hopefield
Geelhoutboom VGK Primer	Western Cape	George
Gloryland Community Centre	Western Cape	Pacaltsdorp
Goodwill Safety Shelter	Eastern Cape	Aliwal North
Great is He Safety Home	Western Cape	Khayelitsha
Groenvlei Combined Secondary School	KwaZulu-Natal	Utrecht
Happy Minds Educare Centre	Western Cape	Delf South
Happy Valley Day Care Centre	Western Cape	Cape Town
Hendrina Primary School	Mpumalanga	Hendrina
HF van Cutsem Combined School	Western Cape	De Doorns
Hillcrest Aids Centre Trust	KwaZulu-Natal	Hillcrest
Huis Tarkastad	Eastern Cape	Tarkastad
Hursley Primary School	KwaZulu-Natal	Ladysmith
IK Makuse Early Learning Centre	Mpumalanga	Middleburg
Ikamoheleng Bophelong Dicag	Free State	Fouriesburg
Ikhaya Labantwana Day Care Centre	Gauteng	Vanderbijlpark
Ikhwezi Welfare Organisation	KwaZulu-Natal	Mandeni
Ikwezi Primary School	Gauteng	Mofolo
Ilich Daycare Centre	Eastern Cape	Burgersdorp
Imizamo Yethu Crèche	Western Cape	Asla Park
Intokozo Yethu Crèche	KwaZulu-Natal	Ladysmith
Ipopeng Crèche	Limpopo	Polokwane
Isibane Sempumelelo Educare	Western Cape	Stellenbosch
Isiqhingi Senjabulo Pre-School and Crèche	Gauteng	Johannesburg
Itereleng Community Crèche	Limpopo	Burgersfort
Itireleng Womens Project	Gauteng	Soweto
Itlhahaneleng Intermediate School	Free State	Harrismith
Izwi Lethemba	Gauteng	Johannesburg

Project name	Province	Location
Jemina Letsie Crèche	Free State	Bothaville
Joy Christian Pre-School	Mpumalanga	Carolina
Joy Pre-Primary School	Mpumalanga	Ermelo
Kagiso Trust	Free State	National
Kamela Raphela Preschool	Limpopo	Polokwane
KAOS Projects and Developments	Western Cape	Oudtshoorn
Katlego Preschool and Day Care Centre	Free State	Heilbron
Kgatelopele Crèche	Limpopo	Burgersfort
Kgolo Preschool	Limpopo	Polokwane
Khulakahle Crèche	KwaZulu-Natal	Newcastle
Khulani Educare Centre	Western Cape	Gugulethu
Khulansevu Crèche	KwaZulu-Natal	Ladysmith
Khulisa Day Care Centre	Mpumalanga	Breyton
Kiddies Care and After Care Centre	Western Cape	Kraaifontein
Kutlwano Day Care Centre	North West	Taung
KwaMgabo Primary School	KwaZulu-Natal	Ladysmith
Kwanokuthula Community Policing Forum	Western Cape	Kwanokuthula
Ladysmith Secondary School	KwaZulu-Natal	Ladysmith
Lathitha Educare Centre	Eastern Cape	Queenstown
Lebohang Day Care Centre	Free State	Parys
Lebone Aids Care Project	Gauteng	Johannesburg
Lechabile Special Needs Care Centre	Free State	Bloemfontein
Lehlohonolo Educare Centre	Western Cape	Crossroads
Lesedi Crèche	Limpopo	Mokopane
Lesedi Educare	Limpopo	Polokwane
Lesedi Go Botlhe Early Learning Centre	North West	Taung
Lesiba Secondary School	Gauteng	Daveyton
Let's Care	Western Cape	Pacaltsdorp
Lithalethu Educare Centre	Western Cape	Stellenbosch
Lord Is My Provider	Gauteng	Tsakane
Lovedale Primary School	Eastern Cape	Alice
Lubabalo Educare Centre	Western Cape	George
Lungiso High School	Eastern Cape	Humansdorp
Mabate Intermediate School	Free State	Harrismith
Madi Combined School	Mpumalanga	Standerton
Madibeng Oukase Clinic	North West	Brits
Mahudu Preschool	Limpopo	Atok
Makaase Combined School	Mpumalanga	Emalaheni
Making it Happen Children's Project	Gauteng	Midrand
Makukhanye Educare Centre	Western Cape	Philipi East
Marifaan Primary School	Mpumalanga	Lydenburg
Masana Nursery School	Limpopo	Makhado

## BENEFICIARY PROGRAMMES AND PROJECTS

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Project name	Province	Location
Masheshisa Primary School	KwaZulu-Natal	Ladysmith
Mashianoke Crèche	Limpopo	Groblerdsdal
Masibambisane Drop In Centre	Mpumalanga	Barberton
Masikhule Preschool	Eastern Cape	Humansdorp
Masivuke Soup Kitchen	Western Cape	Asla Park
Maths and Centre Leadership Academy NPC	Northern Cape	Kimberley
Matsafeni Primary School	Mpumalanga	Kamhlushwa
Mdlokovana Preschool	Eastern Cape	Herschel
Mgwenyane Primary School	Mpumalanga	Kobokweni
Mmakobe Crèche	Limpopo	Ga Seleka
Mmangwana Day Care Centre	North West	Taung
Mmatwele Old Age Care Centre	Limpopo	Polokwane
Mmera Primary School	Limpopo	Lephale
Mnanakala Technical and Commercial High School	North West	Makapstad
Mnikina Preschool	Eastern Cape	Queenstown
Mokgalwana Tribal Administration MMMD	North West	Taung
Molatela Crèche	Limpopo	Polokwane
Morena Thohisi Moloi II Intermediate School	Free State	Harrismith
Morwakola Drop In Centre	Limpopo	Polokwane
Moses Nyundu Community Crèche	Mpumalanga	Acornhoek
Motlhasedi Primary School	Limpopo	Motlhasedi Village Selek
Moutse Primary School	Mpumalanga	Marble Hall
Mpho Entle Early Learning Centre	North West	Taung
Mpumalanga Age in Action	Mpumalanga	Middleburg
Msikiti Senior Primary School	Eastern Cape	Dutywa
Mulenzhe Community Home Based Care Project	Limpopo	Thohoyandou
Mutingati Primary School	Gauteng	Katlehong
Nalithuba Early Childhood Development	Gauteng	Palm Ridge
National Education Collaboration Trust	Gauteng	Centurion
Neighbourhood Old Age Home	Western Cape	Woodstock
Nelspruit Primary School	Mpumalanga	Nelspruit
Ngaka Combined School	KwaZulu-Natal	Utrecht
Ngqubeka Preschool	Eastern Cape	Queenstown
Nkosi's Haven	Gauteng	Johannesburg
Nomaxabiso Centre for Children with Special Needs and Inclusive Education	Western Cape	Philippi East
Nomzamo Educare Centre	Eastern Cape	Queenstown
Ntlhaveni Home Based Care	Limpopo	Malamulele
Nyeleti's Children's Home	Gauteng	Ekurhuleni
O Lerato Daycare	Gauteng	Pretoria
Oasis 4 Christ	Western Cape	George
Obakeng Disability Organisation	North West	Taung
On the Sparrow Daycare	Eastern Cape	Port Elizabeth

Project name	Province	Location
Onkweni Royal Cultural Festival International	National	National
OR Tambo Technical High School	Eastern Cape	Nkantolo
Overberg Development and Empowerment Centre	Western Cape	Caledon
People Opposing Women Abuse (POWA)	Gauteng	Johannesburg
Petrushoop Primary School	Free State	Ladybrand
Phologo Daycare	Gauteng	Mabopane
Pietermaritzburg Mental Health Society	KwaZulu-Natal	Pietermaritzburg
Pokello Drop In Centre	Gauteng	Kagiso
Pophuis Voorskoolse Sentrum	Western Cape	George
Professional Kids Day Care Centre	Gauteng	Soweto
Qibing Edu-Care Centre	Free State	Mangaung
Ratang Maqheku Day Care Centre	Free State	Parys
Ray of Hope Children's Fund	Gauteng	Johannesburg
Rehauhetswe Academic Institute	Gauteng	Soweto
Reiketseditse Disable Day Care	Free State	Hennenman
Retief Combined School	Free State	Kerstel
SA Red Cross Disaster Relief	National	Jeffrey's bay
SA Red Cross Knysna	Western Cape	George
SA Red Cross Society – Nelson Mandela Metro and Kouga Local Municipality	Eastern Cape	Nelson Mandela Bay
SA Red Cross Society – Setsoto Local Municipality	Free State	Setsoto
Sandanezwe Daycare Centre	Eastern Cape	Cradock
Santa HIV / Aids Mpumalanga	Mpumalanga	Emalaheni
Sasamala Secondary School	Free State	Harrismith
School Readiness Christian Academy	Eastern Cape	Uitenhage
Selebanyeng Crèche	North West	Taung
Seraki Crèche	Limpopo	Burgersfort
Sibonile Daycare Centre	Mpumalanga	Acornhoek
Sibonokuhle Crèche	KwaZulu-Natal	Ladysmith
Sigagule Nhluvuko Crèche	Mpumalanga	Acornhoek
Sikhula Sonke Early Childhood Development	Western Cape	Cape Town
Silindokuhle Soup Kitchen	Western Cape	Kwa Nonqaba
Silwanendlala Feeding Scheme	Mpumalanga	White River
Simanye Educare Centre	Western Cape	Khayelitsha
Sinenhlanhla Primary School	KwaZulu-Natal	Ladysmith
Sithuthukile Trust	Mpumalanga	Middelburg
Sivuyile Nurrudin Educare	Western Cape	Gugulethu
Siyabonga Helping Hands for Africa	KwaZulu-Natal	Pietermaritzburg
Siyazama Community Soup Kitchen	Western Cape	George
Siyifunile Secondary School	Mpumalanga	Dullstroom
Solid Beginnings Nursery Daycare	Gauteng	Kempton Park
Solomon's Haven	Western Cape	Mitchell's Plain
Sonneblomland Crèche	Western Cape	Protea Park



## BENEFICIARY PROGRAMMES AND PROJECTS

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Project name	Province	Location
Sophakama Primary School	Western Cape	Du Noon
SOS Children's Village Association	Gauteng	Ennerdale
Sothembela Daycare Centre	Eastern Cape	Queenstown
Sovuzwa Educare Centre	Western Cape	Khayelitsha
Soweto Association of Persons with Disabilities	Gauteng	Moroka
Springbok Colliery Primary School	Mpumalanga	Emalahleni
St Johns Educare Centre	Eastern Cape	Cradock
St Joseph's Home for Chronic Invalid Children	Western Cape	Montana
St Luke's Combined Hospices NPC	Western Cape	Kenilworth
Stellenbosch University (SciMathUs)	National	National
Sunshine Self-Help Association for People With Disabilities	Gauteng	Hammanskraal
Swika La Motheo Crèche	Limpopo	Burgersfort
Talisman Foundation	Gauteng	Johannesburg
Tanani Matiko Disable and Multi-purpose	Limpopo	Giyani
Tataisong Primary School	Free State	Qwaqwa
Teach SA	Mpumalanga	Nkangala
Teske Gedenk Primer	Western Cape	Beaufort West
Thabong Pre-school	Limpopo	Bophelong
The Global Natural Healthcare Trust	Gauteng	Orange Farm
The Jack and Jill Early Childhood Development	Gauteng	Soweto
The Jacob Zuma RDP Education Trust	KwaZulu-Natal	Durban
Thoko-Thabo High School	Gauteng	Thokoza
Thokoza High School	KwaZulu-Natal	Bergville
Tholulwazi Protective Workshop	Mpumalanga	Emalahleni
Thompson Junior Secondary School	Eastern Cape	Dutywa
Thubelihle Special Opportunity School	KwaZulu-Natal	Ladysmith
Thubelitsha Educare Centre	Western Cape	Delft
Thuto ke Bophelo	Limpopo	Polokwane
Tiisang Crèche	Limpopo	Burgersfort
Training Institute for Primary Health Care	Mpumalanga	Emalahleni
Tsebo Secondary School	Free State	Qwaqwa
Tshikwani Primary School	Limpopo	Malamumele
Tshikurukuru Community Crèche	Limpopo	Vuwani
Tshilamba Crèche	Limpopo	Mutale
Tshireletso Secondary School	Mpumalanga	Letlora Village
Tshokela Crèche	Limpopo	Burgersfort
Tumisho Drop In Centre	Limpopo	Polokwane
Ukuzala Ukuzelula Old Age Home	Mpumalanga	Emalahleni
Ukwezi Junior Primary school	Mpumalanga	Belfast
University of Stellenbosch	Northern Cape	Stellenbosch
Uthando Community Development Centre	Gauteng	Tsakane
Varhoyi and Mgodleni Co-Operative	Eastern Cape	King Williams Town

Project name	Province	Location
Vision Afrika	Western Cape	Stellenbosch
Vulindlela Public School	Free State	Harrismith
Vuselela Pre-School	Eastern Cape	Indwe
Xilaveko Daycare Centre	Mpumalanga	Acornhoek
Young Eagles Nest Daycare Centre	Western Cape	Delft
Zamimpilo Special School	KwaZulu-Natal	Ulundi
Zamokuhle Disabled People South Africa	Mpumalanga	Emakhazeni
Zigna Community Home Based Care	Mpumalanga	Thulamahashe