


Green Fund

Progress

Portfolio committee
May 2015



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1

Objectives of the Green Fund

- To support initiatives that will contribute to South Africa's transition to a low carbon, climate resilient, resource efficient development path.
- To address market weaknesses to transition to a green economy by:
 - Promoting innovative and high impact green programmes and projects,
 - Reinforcing climate policy objectives through green interventions,
 - Building an evidence base for the expansion of the green economy, and
 - Attracting additional resources to support South Africa's green economy development.
- The Green Fund creates the space for catalytic financing

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2

Green Fund Projects

- A total of 53 Projects have been approved (29 Investment, 16 Research and Policy development and 8 Capacity building)
- 29 investment projects have been approved:
 - 18 projects are under implementation,
 - 7 projects are at various stages of contracting which are subjected to terms and conditions (includes 4 newly approved projects)
 - 3 projects were withdrawn and 1 project was cancelled as the projects failed to meet terms and conditions as per approval.
- It is projected that approximately of 14 150 jobs will be created once the projects are fully implemented, noting that these are multiple year projects.
- Treasury has approved a new allocation of R590 million to 2018/2019



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3

Financial report: 31 March 2015

(commitments and disbursements for 2012/2013 to 2014/2015)

	Approved	Commitments	Disbursement
Investment projects	R1 024 006 159	R532 630 899	R382 270 554
Research and Policy Development	R36 270 177	R36 270 177	R36 270 177
Capacity Building	R65 974 110	R65 974 110	R35 432 165
Total	R1 126 250 446	R634 874 186	R 453 972 896

Notes:

- 1) Difference between total approvals and commitments are due to projects that have either been withdrawn/fallen of during contracting
- 2) Difference between total commitments and disbursements due to some projects being unable to take up all the funds committed during project implementation




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4

Geographical spread of Investment Projects					
Geographical spread	Commitments	Disbursements			
		2012/2013	2013/2014	2014/2015	Total
Eastern Cape	28 930 000	93 975	824 227	19 345 806	20 264 007
Free State	33 685 120	-	33 586 120	-	33 586 120
Gauteng	40 704 000	9 330 950	14 292 972	13 355 373	36 979 295
KwaZulu Natal	320 196 659	25 590 906	61 266 227	127 794 083	214 651 216
Limpopo	-	-	-	-	-
Mpumalanga	3 000 000	-	858 267	990 463	1 848 730
Northern Cape	R75 000 000	-	-	-	-
North West	33 685 120	-	33 586 120	-	33 586 120
Western Cape	72 430 000	93 975	8 656 125	32 604 967	41 355 066
Total	607 630 899	35 109 806	153 070 057	194 090 691	382 270 554




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5

Green Fund Projects Under Implementation		
Province	Project and Objective	Progress
KZN	eThekweni Municipality – Reforestation (R36 940 000): <i>to replicate and upscale the achievements of the on-going reforestation projects in eThekweni Municipality</i>	Total trees planted to date more than 300 000.
EC & WC	SANPARKs (R3 635 200): <i>to assist communities living adjacent to Agulhas National Park to plan & implement development initiatives using conservation for rural development - replication request for 2 sites</i>	One of the outputs is the West Coast Biodiversity Corridor and this was handed over to GEF 5 for further implementation.




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6

Green Fund Projects Under Implementation		
Province	Project, Budget and Objective	Progress
WC	CoCT Thermal Efficiency Low cost Housing (R25 000 000): <i>Installation of a number of energy efficiency interventions (including ceilings, energy efficient lighting and solar water heating) in low income households</i>	Terms and conditions have been met and contracting finalized and next step is the disbursement of funds
GP	City of Tshwane –Energy Efficient Municipal Buildings (R780 000): <i>To replace existing lighting equipment with energy efficient lighting technologies</i>	The study revealed an associated cost saving per building varying between R124 and R17 729 per annum. The payback period ranged between four years and 10.9 years for lighting. The potential energy savings ranged between 124 kWh and 17 729kWh for newer and older buildings respectively. A select number of recommendations from the study are currently being implemented by municipality.




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7




Green Fund Projects Under Implementation		
Province	Project, Budget and Objective	Progress
KZN	Wildlands Conservation Trust (Msunduzi) (R62 547 929): <i>expands an existing pilot initiative to enable the economic transformation of 21 communities, through the establishment of over 4400 wastepreneurs that will collect and barter over 13 200 tons of recycling in 4 years</i>	Network of 6 656 wastepreneurs spread over 118 communities. The project has since January 2014 collected 16 518 779 kgs of recyclable waste and avoided emissions of 13 089 tCO₂e 78 Schools are currently part of the program on waste separation at source and further recycling
FS & NW	Jobs in Waste for Youth (R67 370 240): <i>to address youth unemployment (50.3% for 14-24 year olds, 29.5% for 25-35 year olds). Waste is one of top sectors to generate jobs in South Africa in green economy, improve service delivery and address unemployment</i>	Of the total planned 10 000 bins planned to be procured and placed for each province, NW has met the target whereas FS has lagged behind significantly with only 4000 placed, interventions taken by DEA for lack of performance. A total of 568 individuals have participated in both accredited and non accredited training. A total of 32 weigh pads have been procured and placed (NW = 13 and FS = 19) Infrastructure related to office build and dry sanitation ablution facilities have been put on hold due to public vandalism, although 7 Landfill offices have been equipped with enviro loos




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8




Green Fund Projects Under Implementation		
Province	Project and Objective	Progress
GP	Smarter Cities for a Greener Economy (R15 000 000): <i>research and development that will form the basis of a commercial smart city roll-out plan. The project will develop and validate a smart green platform (smart infrastructure and analytics which is based upon standards) in a real city environment that allows for seamless and simple</i>	<p>A system has been developed that is able to measure metered services.</p> <p>Good progress was made with regard to the data component within the Smart & Green Platform.</p> <p>Demonstration (verification of proof of concept) of the first smart and green platform pilot was conducted operational for a period of 3 weeks under controlled conditions.</p> <p>The second pilot has been designed and is meant to run for a period 4-5 weeks from mid-February 2015 (seasonal testing).</p>
GP	Betona: Incabex (Pty) Limited (R7 000 000): <i>Betona is a new rust prevention process which uses a clean production energy-efficient technology that reduces environmental impacts and resource consumption by eliminating pollution at source in the iron and steel industries. The Betona chemicals are environmentally neutral chemical substances based on pure phosphate</i>	<p>Alternative site to do pilot testing secured</p> <p>Demonstration study has been completed and analysis of results have been undertaken, a second demonstration may be necessary to verify findings of first study.</p>
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9




Green Fund Projects Under Implementation		
Province	Project, Budget and Objective	Progress
KZN	Farming the Wild: Wildlands Conservation Trust (R22 732 416): <i>land-use management model designed to establish community greening conservation initiatives along critical climate change corridors of Somkhanda and Usuthu Gorge in traditional Zululand.</i>	<p>Close to 1 200 animal species have been introduced.</p> <p>Fencing at Somkhanda completed</p> <p>79 permanent and semi-permanent green jobs created</p> <p>A buffalo management plan is being developed to ensure that disease-free (TB and HIV) herds are introduced into the reserve.</p> <p>The sale of impala has generated income and from experiential tourism is being promoted targeting schools and groups.</p> <p>Future plan for targeting high-end market</p> <p>Two training sessions for rangers have been undertaken in partnership with Ezemvelo Wildlife</p> <p>Challenges: Usuthu is incurring operational cost however is not currently generating any income – operational costs are being carried by Somkhanda</p> <p>Vehicle operational costs are much higher than expected</p>
KZN	Hammersdale Waste Beneficiation Centre (R29 600 000): <i>community collection and recycling facility. Also establishment of a waste beneficiation hub training facilities for a compressed earth block yard, e-waste processing centre, a composting yard and a plastic processing centre</i>	<p>A new site measuring eight hectares has been identified adjacent to the original site which was proving costly to develop. The Environmental Impact Assessment (EIA) waste licence application is scheduled for completion in May 2015.</p>
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10





Green Fund Projects Under Implementation		
Province	Project, Budget and Objective	Progress
KZN	The re-SA Organic Waste Treatment to Energy Project (R 25 000 000): <i>develop a dry AD facility that will process 25,000tpa of waste in order to produce electricity. The project will involve the manual separation and recovery of food-wastes from existing mixed solid waste streams throughout the regions of Durban and northern Ballito</i>	Contracted: terms and conditions met by Project Developer
LP & MP	Operation Ox-pecker (R3 000 000): <i>Capture and relocation of the near extinct Ox-pecker bird</i>	Capture and translocation guidelines for the ox-pecker are complete The project has to date captured and relocated more than 74 Ox-peckers to identified sites in Eastern Cape and KZN.
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 20 YEARS OF FREEDOM		
11		


Green Fund Projects Under Implementation		
Province	Project, Budget and Objective	Progress
KZN	Muthi Futhi (R 3 058 720): <i>assist the Trust to scale up to commercial level the cultivation and harvesting of four selected traditional medicinal plants on a 25 ha piece of land. Rural marginalized women will be supported, and the project will provide biodiversity benefiting business through sustainable farming, while at the same time reducing wild harvesting of indigenous plants.</i>	The nursery is complete and plantations have been prepared and planted for cultivation. A total of over 143 000 indigenous seed, seedlings, and plants have been purchased and propagated on site, surpassing the target of 120 000 plants per year over the duration of the project Muthi Futhi is currently supplying raw material to a partner/client which supplies raw material to Dischem & Alfa pharm Project is located within deep rural community of 300 members in KZN and approximately 30 community members have been employed.
GP	Kevcon Belt (R12 300 000): <i>to demonstrate the environmental and financial benefits of the Kevlar belt so as to enable wider scale rollout and adoption of the technology in South Africa and globally.</i>	Belt designs and development concluded. Two groups of technicians have been deployed in the Northern Cape primarily to service iron ore mines to test the conveyor belts Currently marketing the conveyor belt for commercialization Operationalization of the business.
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 greenfund Working Together Towards A Greener Planet		
 20 YEARS OF FREEDOM		
12		

Green Fund Projects Under Implementation		
Province	Project, Budget and Objective	Progress
GP	iShack (R17 000 000): The project will provide solar power to citizens in informal settlements. This initiative is a viable short term measure to assist government to provide the poor with basic services such as access to electricity.	Approximately 700 installations have been done with a further 40 people currently on the waiting list Pilot study of incremental upgrade is underway (addition of a fridge to the current system) Free Basic electricity subsidy awarded to the programme by Stellenbosch municipality.
KZN	Beema Bamboo (R162 000 000): <i>to provide a product that can create a sustainable supply of biomass feedstock by establishing, a tissue culture laboratory for the propagation of the bamboo shoots, a bamboo plantation and a power plant that will use the bamboo as a feedstock to generate electricity.</i>	A total of 400 000 shoots were propagated of which 22 317 shoots were planted on 9.8 Hectares of land. The farm is currently being contour marked, trenching has commenced and irrigation is being laid down. In the process of setting up water reticulation systems for the plantation Off-take agreement has been signed with SAPPI for purchase of green energy once the gasifier is up and running with further feedstock being obtained from SAPPI plantation (challenge of transportation cost flagged) 25 Ha have been cleared and is under subsistence farming to the benefit of the landowner.
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13		





Green Fund Projects Under Implementation		
Province	Project, Budget and Objective	Progress
EC	Camdeboo Satellite Aquaculture (R23 500 000): <i>focuses on offering an alternative to canned pilchards, for which the SA fishing quota has been reduced by 80% since 2004. CSAP is a project which will establish a preserved freshwater fish industry in the Eastern Cape to address fish supply shortfalls</i>	The project is at early stage of implementation on infrastructure development. 16 trainees have been recruited On infrastructure development, the project is in process of building tunnels: one tunnel has been completed for storage, a second tunnel to be completed for breeding and another tunnel for production.
WC	Shepherding Back biodiversity (R7 500 000): <i>will focus on the sector to mainstream biodiversity conservation through control land uses in the productive agricultural landscapes. This will be achieved through mainstreaming biodiversity conservation leading to a return to human shepherding and the development of a range of wildlife-friendly produce i.e Fair Game.</i>	Contracted: terms and conditions met by Project Developer and first disbursements made
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14		

Green Fund Projects cont...		
Province	Project, Budget and Objective	Progress
GP	Reach Renewable (R 43 000 000): <i>To procure a Linear Concentration Fresnel Collector system to produce heated water for use in its Vereeniging factory.</i>	Contracting: negotiating terms and conditions.
EC	The Giant Flag (R10 000 000): <i>A proposed 66 hectare South African Flag, made up of 2.5 million water wise plants and a 4 megawatt solar field (the black triangle), established on municipal land on the outskirts of Graaff - Reinet, in the Camdeboo Municipality of the Karoo, Eastern Cape.</i>	Not yet Contracted: Project developer has not agreed to terms and conditions.
		
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15		




Green Fund Projects cont...		
Province	Project, Budget and Objective	Progress
EC	Oceanwise Multiple Renewable Technologies (R 1 200 000): <i>To utilize all feed waste, fish waste and processing waste in a biodigester which will produce methane for combined heat and power unit.</i>	Withdrawn: Project developer did not agree to terms and conditions.
		
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16		

Green Fund Projects cont...		
Province	Project, Budget and Objective	Progress
FS	Lukhanyiso CNG plant (R 60 000 000): <i>Development of an anaerobic digester and production compressed natural gas from pig and chicken farms manure and napier gas.</i>	Newly approved: relevant administrative processes currently being undertaken for contracting.
GP	Wilcofield Hybrid Biogas Project for Electricity (R150 000 000): <i>Development of a hybrid compressed bio methane gas (CBG) and electricity from cow manure at the Karan feedlot in Heidelberg South Africa (9.2 million litres of CBG and 2MW electricity).</i>	Newly approved: relevant administrative processes currently being undertaken for contracting.
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17

Green Fund Projects cont...		
Province	Project, Budget and Objective	Progress
NC	Utility of the future (R75 000 000): <i>Demonstration, manufacturing and supply of advanced energy storage, advanced energy management , and microgrid technology</i>	Newly approved: relevant administrative processes currently being undertaken for contracting.
GP	Sustainable Affordable Housing (R61 000 000): <i>Catalyze development of a local sustainable affordable housing market through supporting the construction of green housing stock</i>	Newly approved: relevant administrative processes currently being undertaken for contracting.
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18

Green Fund Projects cont...		
Province	Project, Budget and Objective	Progress
KZN	Durban University of Technology (DUT) (R 3 783 854): <i>focused project to supply portable water in remote rural areas - aimed at projects where topography makes provision of piped water impossible or at prohibitive cost - use of vacant hillside to collect, store and distribute.</i>	Cancelled due to poor performance despite interventions undertaken including conflict resolution
WC	Reliance Composting (R 17 500 000): <i>integrated waste management and composting of green waste from the coastal towns. Application of efficient composting processes to alleviate the waste management challenges being experienced.</i>	Withdrawn by Project Developer.
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19

Green Fund Projects cont...		
Province	Project, Budget and Objective	Status
GP	Implementation of the CSIR Anaerobic Digestion Technology (R12 000 000): <i>to Increase the Biogas Production Potential for the Generation of Electricity</i>	Withdrawn as the project failed to meet terms and conditions as per approval.
WC	Microhydro Electric Plant (R 7 200 000): <i>Development of the Plant and generation of renewable energy</i>	Withdrawn by Project Developer as the project failed to meet terms and conditions as per approval.
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20

Research and Policy Development Initiatives

- To inform policy imperatives, an evidence – based approach should be supported.
- A total of **16** research and policy development initiatives have been approved to a value of **R36 270 177 million**.
- The contracting of all 16 projects has been undertaken and funds allocated to the research & development initiatives have been fully disbursed.
- Expected dates of completion envisaged to be September 2015 – December 2015



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21

Research and Policy Development




No	Project, Budget and Objective	Progress
1.	<p>Investing in ecological infrastructure to enhance water security in the uMngeni River catchment (R2 500 000):</p> <p><i>To develop a framework and strategy to guide investments in ecological infrastructure in the greater uMngeni River catchment to support water security and climate change resilience, and to advance the inclusion of the concept of ecological infrastructure in decision-making and policy development nationally.</i></p>	<p>The project steering committee has been established. Financial and reporting mechanisms for project have been established.</p>






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22

Research and Policy Development		
No	Project, Budget and Objective	Progress
2.	<p>Enhancing ecological infrastructure in the uMngeni catchment through collective private sector action. The role of private finance and markets (R2 500 000):</p> <p><i>An applied research and action learning approach in the uMngeni catchment to improve understanding of how collective environmental action within private sector can be leveraged within geographically confined ecosystems.</i></p>	<p>A workshop on the approach to mapping natural, social and capital flow was hosted.</p> <ul style="list-style-type: none"> -Two companies have been contracted for the quantification and systemic mapping of financial flow.
3.	<p>Sustainable farming as a viable option for enhanced food and nutritional security and a sustainable productive resource base (R2 500 000):</p> <p><i>To translate the emerging knowledge on sustainable farming systems and food security in South Africa into a viable large-scale option in support of a greener, low carbon economy.</i></p>	<p>Administrative activities are underway:</p> <ul style="list-style-type: none"> - Members for core research team currently being identified - Workplan being refined - desktop exercise being undertaken.
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23

Research and Policy Development		
No	Project, Budget and Objective	Progress
4.	<p>Proposal to conduct a research study on the design of policy frameworks and financial instruments to enhance investment in the green economy in South Africa (R2 493 750):</p> <p><i>To provide recommendations for the design of policy and financial instruments that would accelerate investment in the green economy in South Africa.</i></p> <p><i>Meaningful discussions on economic transition in collaboration with stakeholders (government, business, labour and civil society) will unlock greater innovation and achieve better progress towards implementation.</i></p>	<p>Clarity on the principles of a green economy and green economy related issues has been developed</p> <ul style="list-style-type: none"> - A literature review on international best practice is currently underway - A series of dialogues to drive economic transition are currently being planned and undertaken
5.	<p>Research and Development of a Novel Direct-Drive Permanent Magnet Generator for Renewable Energy Conversion Systems (R1 060 058):</p> <p><i>To develop a realisable generator technology that may improve the modern wind turbine drive-train. Specifically involving the construction and testing of a 50 kW generator prototype.</i></p>	<p>Prototype has been designed</p> <p>Manufacturing generator drawings and material listing currently in progress</p> <p>Research article being finalized</p>
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24

Research and Policy Development		
No	Project Title	Progress
6.	Development of Bio-based composite products from Agricultural wastes/ Crops Residues for Applications in Automotive sector and Green buildings in South Africa (R2 000 000): <i>Development of bio-based nano-composite products reinforced with agricultural wastes and will test its application in the green buildings and automotive industries.</i>	Literature review has been completed Four journal articles on cellulose extraction and cellulose nanowhiskers from agricultural residues have been published Training of two interns is on-going.
7.	Potential for Reducing Greenhouse Gas Emissions in the Construction Sector (R2 000 000): <i>To identify the potential for reducing greenhouse gas (GHG) emissions in the construction sector by constructing a GHG Inventory for current conventional building materials to use as a baseline for measuring alternative building materials, products, systems and components.</i>	Bulk materials for the GHG inventory were identified and quantified The GHG inventory of conventional bulk and innovative building material is underway.
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25

Research and Policy Development		
No	Project, Budget and Objective	Progress
8.	Voluntary Carbon Offset Trading Platform Proposal (R1 410 368.97): <i>To assess the viability of establishing a carbon offsets trading platform at the Johannesburg Stock Exchange (JSE), as an important input to the development of the offsets component under the proposed South African carbon tax.</i>	Administrative activities are underway: -Summary of International best practice has been completed -Summary of relevant South African policy landscape has been completed -Engagement with key stakeholders is on-going -Project critical success factors have been identified -Feasibility study is currently underway.
9.	Repositioning South Africa In A Low Carbon World Through The Integration Of Chemicals And Biofuels Production With Combined Heat And Power Generation Into Existing Bio-Based Industries (R2 499 992): <i>To provide an insight into the potential of utilising lignocellulose biomass (secondary generation biomass) in SA through the integration of a modern bio-refinery concept into an existing bio-based facility, with emphasis on advanced technologies.</i>	Member of the research team have been appointed - Literature review is being undertaken - Options for butanol and lactic acid production have been identified.
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26

Research and Policy Development		
No	Project, Budget and Objective	Progress
10.	<p>Evaluation of cooperatives as a developmental vehicle to support job creation and SME development in the waste sector (case studies): A means to achieve the goals of the National Waste Management Strategy (R2 350 671):</p> <p><i>investigate the potential of waste cooperatives as a local resource-based, labour-intensive, developmental vehicle by evaluating numerous case studies of waste cooperatives in the country, and capturing this learning in practical outputs which could support future successful implementation of waste cooperatives.</i></p>	<p>Administrative activities are underway:</p> <ul style="list-style-type: none"> - A desktop review has been completed - A research team has been established - Case studies are being undertaken - Draft research report in place.
11.	<p>South African Cities Green Transport Programme (R2 499 473):</p> <p><i>The programme seeks to work with the metros to develop a coordinated approach across the cities for transitioning to greener and ultimately cheaper modes of transport.</i></p>	<p>Administrative activities are underway:</p> <ul style="list-style-type: none"> - A business case for a Green Transport Programme has been developed.
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27

Research and Policy Development		
No	Project, Budget and Objective	Progress
12.	<p>The use of dormant urban mine sites to achieve greener South African cities (R3 014 331):</p> <p><i>investigate renewable energy solutions to the problems that dormant mine sites pose to many South African towns and cities. Particular in depth focus will be given to the possibility of exploiting geothermal energy resources within dormant mine shafts in the Johannesburg area.</i></p>	<p>Administrative activities are underway:</p> <ul style="list-style-type: none"> - Literature review has been conducted - A geothermal test rig has been constructed - Consultations with mining experts are underway - Development of concepts is underway.
13.	<p>An assessment of the economic, social and conservation value of the wildlife ranching industry in South Africa, and its potential to support the green economy (R1 381 050):</p> <p><i>a detailed national assessment of the economic, social and environmental value and conservation contribution to the wildlife ranching industry and its potential to support the green economy in South Africa.</i></p>	<p>Administrative activities are underway:</p> <ul style="list-style-type: none"> - The assessment of the state of the wildlife ranching industry is underway. - the assessment of drivers and constraints in the wildlife ranching industry is currently being undertaken - A literature database has been developed.
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28

Research and Policy Development		
No	Project, Budget and Objective	Progress
14.	<p>Natural antimicrobial peptides as green microbicides in agriculture (R3 199 277):</p> <p><i>A proof of concept study to utilise natural bio-control/microbicide agents, namely antimicrobial peptides, as green microbicides to (1) prevent latent fungal pathogen carry-over into plant cultures/nursery propagated plants and (2) afford protection against post-harvest fungal pathogens infecting harvested produce.</i></p>	<p>Administrative activities are underway:</p> <ul style="list-style-type: none"> - Recruitment of research team currently underway - Experiments on purification and testing of antimicrobial peptides are being undertaken - Designing of instrumentation is underway.
15.	<p>Lithium Battery Recycling Process (R2 471 000):</p> <p><i>To develop and test a locally possible process to recycle lithium batteries that can be taken to the feasibility stage of design. The possibility of mass-scale implementation will also be investigated.</i></p>	<p>Administrative activities are underway:</p> <ul style="list-style-type: none"> - results of desktop study being drafted - options for recycling of lithium and lithium battery ion batteries have been investigated - Criteria for the selection of options has been identified - Two viable process routes for LIBs recycling have been selected and have been reported on.



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29

Research and Policy Development		
No	Project Title	Progress
16.	<p>Earth, Wind and Fire: Unpacking the political, economic and security implications of discourse on the green economy (R 2 390 206):</p> <p><i>To provide a framework of process guidelines to aid policymakers to develop a more integrated mix of policy instruments to promote sustainable innovation in South Africa.</i></p>	<p>Literature review report has been completed</p> <p>A workshop with policy makers and industry was successfully conducted and the workshop report has been completed.</p>



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30

Capacity Building Initiatives

- In order to assist in the transition to a green economy, the Green Fund supports strategic capacity building initiatives.
- A total of **8** capacity development projects were approved to a value of approximately **R66 000 000**.
- Capacity building project timeframes vary from one to three years.



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31

Capacity Building Initiatives





No.	Project, Budget and Objective	Progress
1.	Green Economy Skills and SMME Development (R11 304 750): <i>To develop and support entrepreneurs for the Green Economy so that they achieve higher rates of start-up, survival and growth through incubation, semi-virtual incubation and virtual incubation processes.</i>	Contract was finalised. Currently sourcing SMEs for the incubator. First disbursement was processed.
2.	Renewable Energy Centre of Excellence (R10 000 000) <i>To capitalise the Renewable Energy Centre of Excellence as an accredited, modern and technologically advanced institution that can provide training solutions in the Eastern Cape. Such training would ultimately spread to the rest of the country and the region, and benefit multiple stakeholders within the renewable energy sector.</i>	918 people trained, by end of May 2015 this total will reach 1 000.







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32



Capacity Building Initiatives		
No.	Project, Budget and Objective	Progress
3.	<p>Establishment of the Environmental Assessment Practitioners Association of South Africa (EAPASA) (R4 500 010)</p> <p><i>To establish and sustain the early operations of the Environmental Assessment Practitioners Association of South Africa (EAPASA). The Association intends to develop a register of competent and reputable Environmental Assessment Practitioners (EAPs) to effectively and ethically conduct and review Environmental Assessments.</i></p>	<p>Contract was finalised and first disbursement is in progress.</p> <p>The association will institute relevant, valid & adequate standards & criteria, while ensuring that these are regularly reviewed and used as a basis for assessment and registration of competent practitioners.</p>
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33		

Capacity Building Initiatives		
No.	Project, Budget and Objective	Progress
4.	<p>Climate Innovation Centre Programme (R15 000 000)</p> <p><i>To support innovators, entrepreneurs and SMMEs actively involved in the development of cutting edge green technologies through providing finance, facilities and office space, business and technical advice, policy advice, and access to relevant networks.</i></p>	<p>Contracting & disbursement completed and project staff in place. Adverts for 'green' incubates placed, and national partners secured.</p>
5.	<p>Green Economy Postdoctoral Fellowships Programme (R12 169 250)</p> <p><i>To support the development of institutional capacity building in the green economy. Supporting and strengthening institutional capacity building through postdoctoral fellowships was identified as one of the initiatives with the greatest potential to create opportunities for promising new generation researchers, across a wide range of disciplines and institutions, to stimulate and undertake green economy teaching, learning and research at the tertiary level.</i></p>	<p>Contract was finalised and first disbursement was processed NRF advertised the Post doctoral fellowship programme for potential intake of post graduates.</p>
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34		

Capacity Building Initiatives		
No.	Project, Budget and Objective	Progress
6.	Green Jobs Training Programme for South Africa (R3 230 5000): <i>The International Training Centre (ITC), the training arm of the International Labour Organisation (ILO) has been involved in implementing green jobs training as part of the green jobs programme. Currently, green economy-related training, and green jobs in particular, is not available in South Africa. The proposed national green jobs training programmes will provide practical green jobs training to 170 participants who will be drawn from the public, private and civil society sectors at both national and provincial level.</i>	To date 2 sets of training sessions have been undertaken on the concept of green jobs. Approximately 80 officials (national sector departments and DEA provincial departments) have been trained.
7.	Building Climate Change Capacity for Labour Programme (R3 195 500): <i>To build the capacity of COSATU and affiliates so that the federation and its members can be in a stronger position to engage in policy decisions for a just transition to a low carbon economy.</i>	Reference group and task team established In process of planning workshops Policy document to be translated into 3 different languages.




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REPUBLIC OF SOUTH AFRICA






35

Capacity Building Initiatives		
No.	Project, Budget and Objective	Progress
8.	Building System Capacity for Green Skills Development in South Africa (R6 574 100): <i>This programme aims to introduce a system-wide institutional capacity building initiative that will build the ability of the national skills development system to strategically produce green skills. This will involve building capacity for green skills planning and implementation, occupational analysis and framing for greened and new green occupations, and appropriate associated research and planning capacity.</i>	Contracting & disbursement completed. Project team in place, and inception meeting held in April 2015



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36

Impact

Economic

- Revenue streams – increase investment flows
- Private sector participation
- Opportunity for Sustainability – medium to long term
- Reduction on energy consumption
- Potential for leveraging of additional investments

Social

- Job creation
- Empowerment
- Skills transfer/capacity development
- Improvement of quality of life

Environmental

- Sustainable Environmental Management
- GHG carbon emission reduction
- Reduction on energy consumption
- Diversion of waste from landfill



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37

