

# SECOND QUARTER PERFORMANCE AND FINANCIAL REPORT (01 JULY TO 30 SEPTEMBER 2014)



Presented by: Phil Mjwara  
Date: 25 February 2015



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## OUTLINE OF THE PRESENTATION

- DST Overview
- Challenges on specific indicators
- Challenges on Specific Indicators
- Achievement per Programme
- Financial Performance
- Conclusion

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### MANDATE OF THE DEPARTMENT (1)

The Department of Science and Technology (DST) derives its mandate from the 1996 White Paper on Science and Technology, which introduced the concept of a National System of Innovation.

The NSI remains an ideal for which South Africa continues to strive. It is an enabling framework for science, technology and innovation (STI).

NSI can be understood as a set of functioning institutions, organisations and policies that interact constructively in the pursuit of a common set of social and economic goals and objectives, seeking to promote change through the introduction of innovations.

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### MANDATE OF THE DEPARTMENT (2)

The DST, as the custodial coordinator for the development of the NSI, influences this system through key strategies such as the National Research and Development Strategy (NRDS) and the Ten-Year Innovation Plan (TYIP).

The latter, particularly, seeks to contribute to the transformation of the South African economy from a resource-based into a knowledge-based economy, in which the production and dissemination of knowledge will lead to economic benefits and enrich all fields of human endeavor.

In this regard, the measure of success will be the level to which science, technology and innovation (STI) play a driving role in enhancing productivity, economic growth and socio-economic development.

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## DST VISION AND MISSION

**Vision**  
To create a prosperous society that derives enduring and equitable benefits from science and technology

**Mission**  
To develop, coordinate and manage a National System of Innovation (NSI) that will bring about maximum human capital, sustainable economic growth and improved quality of life for all

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## KEY OBJECTIVES OF THE DEPARTMENT

 To enhance South Africa's knowledge-generation capacity.

 To develop the innovation capacity of the NSI.

 To develop appropriate science, technology and innovation human capital.

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### KEY OBJECTIVES OF THE DEPARTMENT



To build world-class STI infrastructure.



To position South Africa as a strategic international RDI partner and destination.

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### CONTRIBUTION TO OUTCOMES OF GOVERNMENT (1)



**Outcome 2:** A long and healthy life for all South Africans.



**Outcome 4:** Decent employment through inclusive economic growth



**Outcome 5:** A skilled and capable workforce to support an inclusive growth path.

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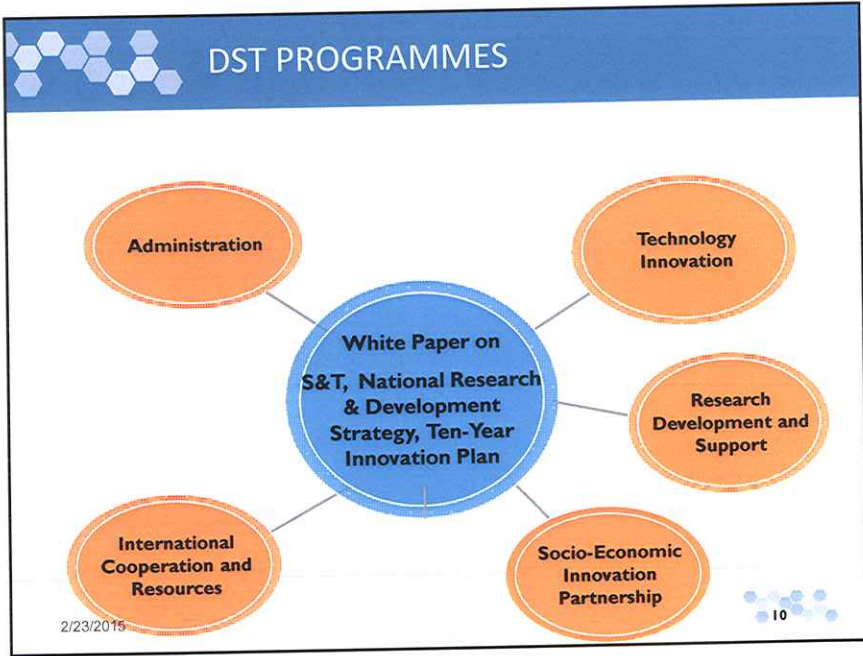
### CONTRIBUTION TO OUTCOMES OF GOVERNMENT (2)

**Outcome 6:** An efficient, competitive and responsive economic infrastructure network

**Outcome 7:** Vibrant, equitable and sustainable rural communities and food security for all.

**Outcome 10:** Environmental assets and natural resources that are well protected and continually enhanced.

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## PURPOSE OF THE PROGRAMME

- Programme 1: Administration  
To conduct the overall management and administration of the department.

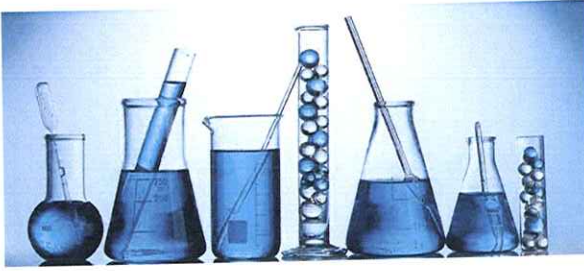


The slide features three logos. On the left is the logo for the national treasury, Department of National Treasury, Republic of South Africa. In the center is the logo for performance monitoring and evaluation, Department of the Presidency, Republic of South Africa. On the right is the logo for the Auditor-General South Africa, with the tagline 'Auditing to build public confidence'.

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## PURPOSE OF THE PROGRAMME

- Programme 2: Technology Innovation  
To enable research and development in strategic and emerging focus areas to promote the realisation of commercial products, processes and services from R&D outputs; through the implementation of enabling policy instruments.



The image shows a collection of laboratory glassware including a round-bottom flask, a beaker, a graduated cylinder, and several test tubes, all containing blue liquid. The background is a light blue gradient.

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## PURPOSE OF THE PROGRAMME

**Programme 3: International Cooperation and Resources**  
 This Programme aims to strategically develop, promote and manage international relationships, opportunities and S&T agreements that strengthen the NSI and enable an exchange of knowledge, capacity and resources between South Africa and its regional and international partners.



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## PURPOSE OF THE PROGRAMME

**Programme 4: Research development and support**  
 Provide an enabling environment for research and knowledge production that promotes strategic development of basic sciences and priority science areas, through science promotion, human capital development, the provision research infrastructure and relevant research support in pursuit of South Africa's transition to a knowledge economy.



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## PURPOSE OF THE PROGRAMME

- Programme 5: Socio-Economic Innovation Partnerships**  
 This Programme enhances the growth and development priorities of government through targeted S&T-based innovation interventions and the development of strategic partnerships with other government departments, industry, research institutions and communities.



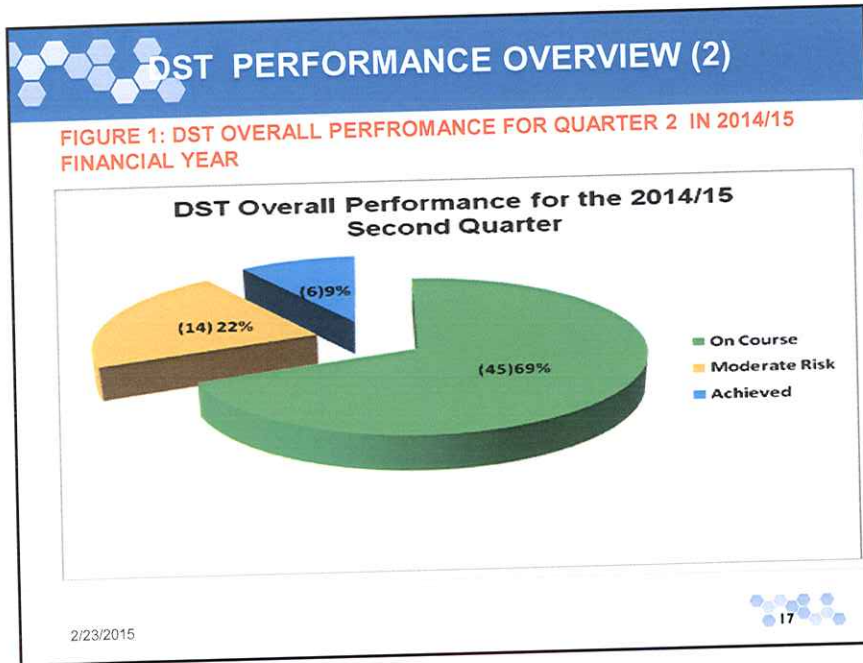
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## DST PERFORMANCE OVERVIEW IN QUARTER 2

- The DST's overall performance involves a total number of 65 output targets. Of the 65 targets set for the 2014/15 financial year, in the second quarter the Department was on course with a total of 45 (69%). Figure 1 below shows that only 14 (22%) targets were at moderate risk and six (9%) have been achieved.

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### CHALLENGES ON SPECIFIC INDICATORS

Quarter 2 Target	Quarter 2 Progress	Status	Reason for variance	Action
Suppliers paid within 30 days after date of invoice Tender process completed within 90 days period	Only one out of four tenders which is beyond 90 days and the three are within the 90 days period. The department has achieved 96.4% of invoices paid within 30 days in the second quarter.	Moderate Risk	It took time to obtain legal opinion on the cancellation of the tender and the project owner must take a decision on the cancellation based on a legal opinion.	
Three policy instruments developed / implemented by 30 September 2014	The quarter target was partially achieved, through among others, the following initiatives: <ul style="list-style-type: none"> <li>A draft Human Capital Development plan was finalised and will be submitted to EXCO in quarter three.</li> <li>Consultations with stakeholders, such as SANSA, Programmes three and four were done in order to mobilise resources to implement the plan.</li> </ul>	Moderate Risk	Plan was finalised late in the second quarter.  The information gathered led to a reprioritisation of reporting requirements.	To be presented at EXCO in quarter 3

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### CHALLENGES ON SPECIFIC INDICATORS

Quarter 2 Target	Quarter 2 Progress	Status	Reason for variance	Action
One of new technology innovation products developed / supported in key strategic areas by 30 September 2014	The Rocket liquid engine demonstrator was not achieved however the following was done towards the achievement of the target <ul style="list-style-type: none"> <li>One single cell tester prototype developed through HySA.</li> </ul>	Moderate Risk	The demonstrator development process was not successful due to technical problems (the combustion chamber developed cracks) resulting in the development being halted	Peer review of the project is planned for the third quarter

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### CHALLENGES ON SPECIFIC INDICATORS

Quarter 2 Target	Quarter 2 Progress	Status	Reason for variance	Action
3 <sup>rd</sup> MeerKAT antenna installed by 30 September 2014	The 2nd antenna is in progress and will be installed by 30 December 2014. The plan agreed between the SKA project and the supplier is intended to have all four antennas installed before the end of March 2015. Most technical risks are well covered, but the schedule remains under pressure	Moderate Risk	The schedule remains under immense pressure due to delays by contractor on meeting the delivery targets as reported in quarter one	Late delivery penalties were effected on the contractor as per contractual obligations. High-level meetings were also held with the top management of the contractor to ensure that the four antennas are installed before the financial year ends

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### CHALLENGES ON SPECIFIC INDICATORS

Quarter 2 Target	Quarter 2 Progress	Status	Reason for variance	Action
Approval of the first draft of the strategy by the DDG for submission to DST EXCO by 30 September 2014	The first draft has not yet been approved by the DDG. However, the first draft of the Marine and Antarctic Research Science Plan has been completed	Moderate Risk	The need for consultation was greater than expected. Also, relevant DST officials were seconded to Operation Phakisa for six weeks, setting back progress on the strategy	More meetings have been scheduled and held to deal with the backlog and the need for consultation. A draft will be approved by the DDG before the end of the 3rd quarter
Consultation concluded on multiwavelength strategy by 30 September 2014	Consultation on the multiwavelength strategy not yet concluded	Moderate Risk	Initial consultations took longer than expected due to the request by the Astronomy Advisory Committee to present to them	Consultations are still in progress

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### CHALLENGES ON SPECIFIC INDICATORS

Quarter 2 Target	Quarter 2 Progress	Status	Reason for variance	Action
Number of new master's and doctoral students funded or co-funded	One student identified from the Post Harvest Innovation (PHI) programme. Proposal to co-fund 15 students on Water Research Commission (WRC) projects is submitted and is awaiting approval from the DG	Moderate Risk	There were unforeseen delays in appointing the WRC as an implementing partner	One student identified as part of the Post Harvest Innovation programme. Submission requesting that DST enters into a contract with WRC to fund 15 students resubmitted

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### PROGRAMME 1 (ADMINISTRATION) KEY ACHIEVEMENTS

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
Annual target: Minimum of 90% alignment to 2015/16 across/of DST planning documents (strategic plan aligned to APP and APP aligned to ENE) submitted to Parliament by 31 March 2015	First drafts DST strategic plan and annual performance plan submitted to National Treasury and DPME by 31 August 2014	First drafts Strategic Plan 2015/2020 and Annual Performance Plan 2015/16 submitted to DPME and National Treasury by 31 August 2014	On course
Annual target: Approved 2015/16 DST public entities strategic and annual performance plans and signed shareholder compact by 31 March 2015	First draft Strategic Plans and Annual Performance Plan for DST public entities (HSRC, SANSA, TIA, ASSAF, NRF and CSIR) submitted to National Treasury by 31 August 2014	The entities' plans. 1st drafts of APP and SP of HSRC, NRF, TIA, SANSA and ASSAF were submitted to the National Treasury by 31 August 2014	On Course
Annual target: Four DST 2014/15 quarterly performance reports approved by DST EXCO and signed by the DG within 60 days after each quarter	One DST 2014/15 quarterly performance report approved by DST EXCO and signed by the DG within 60 days after the end of each quarter	First quarter performance report was signed and submitted to Department of Planning Monitoring Evaluation (DPME) and National Treasury	On Course

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### PROGRAMME 1 (ADMINISTRATION) KEY ACHIEVEMENTS

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
Annual target: Nine DST public entities 2013/14 annual reports (CSIR, SANSA, HSRC, TIA, ASSAF, NRF, SACNASP, NACI) submitted to Parliament by 30 September 2014	Nine DST public entities 2013/14 Annual Reports (CSIR, SANSA, HSRC, TIA, ASSAF, NRF, SACNASP, NACI and AISA) submitted to Parliament by 30 September 2014	The 2013/14 Annual Reports of CSIR, NACI, ASSAF, SANSA, NRF, SACNASP, HSRC, TIA and AISA were tabled in Parliament before 30 September 2014. Governance coordinated presentations of these Annual Reports to the Minister	Achieved
Annual target: Six communication, marketing and/ or media plans developed for DST programmes to profile the Department approved by DST EXCO by 31 March 2015	One communication, marketing and/ or media plans developed for DST programmes to profile the Department approved by DST EXCO by 30 September 2014	Seven strategies developed: <ul style="list-style-type: none"> <li>• Budget Vote,</li> <li>• Africa Engineering Week,</li> <li>• NSW (2),</li> <li>• WISA,</li> <li>• Public Service Week (2)</li> </ul>	Achieved
Unqualified audit report of financial matters issued by the Auditor-General by 30 September 2014	Unqualified audit report of financial matters issued by the Auditor-General by 30 September 2014	The DST received unqualified audit opinion from Auditor-General for 2013/2014 financial year	Achieved

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**PROGRAMME 2 (TECHNOLOGY INNOVATION) HIGHLIGHTS**

- ❑ The Commercialisation Framework was approved by EXCO. The Framework was also presented to various external stakeholders. The data gathered for the Framework is also being used for identifying suitable indicators for determining economic impact from innovation and commercialisation activities
- ❑ There were consultations on the World Intellectual Property Organisation initiative, the Technology and Innovation Support Centre (TISC), which are being implemented locally through NIPMO in partnership with the Companies and Intellectual Property Commission
- ❑ As part of the planned bioprospecting permit application process for a skin-tone candidate product, the Access and Benefit Sharing Agreement was signed between the Cosmeceuticals consortium and the community of Kundabakazi in the Eastern Cape on 25 September 2014

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**PROGRAMME 2 (TECHNOLOGY INNOVATION) HIGHLIGHTS**

- ❑ The Emerging Industries Action Plan (EIAP) concept note was redefined and workshops and meetings were held both within the DST and with external stakeholders to debate the concept. Terms of Reference for the EIAP were in the developmental stages during the reporting period
- ❑ The draft framework for the Identification and Maturation of Emerging Research Areas was reviewed and the document is being finalised for presentation to EXCO
- ❑ The requirements to present the nanotechnology Health Safety and Environment Platform and the Code of Conduct policy documents to EXCO during the third quarter are on track

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**PROGRAMME 2 ( TECHNOLOGY INNOVATION) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
285 innovation support interventions developed / supported in key strategic areas by 31 March 2015	Four innovation support interventions developed / supported in key strategic areas by 30 September 2014	<ul style="list-style-type: none"> <li>Two Renewable Energy (RE), Energy Efficiency and Demand Side Management (EE&amp;DSM) hubs and</li> <li>Two research chairs were financially supported.</li> <li>The one transfer was made for quarter one. The Human Resource funding to the third CoC (HySA Infrastructure) has been transferred</li> </ul>	On Course

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**PROGRAMME 2 ( TECHNOLOGY INNOVATION) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
Number of oversight instruments developed / reviewed to strengthen S&T innovation	Three oversight instruments developed / reviewed to strengthen S&T innovation 30 September 2014	<ul style="list-style-type: none"> <li>The SANSa Quarter two report has been submitted</li> <li>One TIA Quarterly report was reviewed</li> <li>Support was provided with regard to the TIA's request for funding roll over for the TIA's MTEF motivation</li> </ul>	On Course
28 publications in key strategic areas by 31 March 201	Six publications in key strategic areas by 30 September 2014	<ul style="list-style-type: none"> <li>Nine publications funded through the HySA CoCs</li> <li>Based on the half-yearly reports received, the two NICs have a combined total of 40 articles (as at the end of September) published in ISI journals in the first and second quarters</li> </ul>	Achieved

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### PROGRAMME 3 (INTERNATIONAL COOPERATION RESOURCES) HIGHLIGHTS

- ❑ A bilateral workshop in July 2014 brought together South African and Taiwanese experts to explore cooperation with regard to non-communicable diseases, with a specific focus on cancer biology, metabolism and cardiovascular diseases
- ❑ Agreements were reached to cooperate on joint research projects on cardiovascular diseases, metabolism phosphate research, primate models and diabetes. The Taiwanese expertise will be an invaluable source for South African work in these areas
- ❑ Another strategic priority of the Department was in hydrogen and fuel cell technology. A dedicated workshop with the Republic of Korea was organised on this topic, resulting in an agreement to cooperate in critical technology domains such as composite cylinders and catalysts for various fuels in fuel cells

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### PROGRAMME 3 (INTERNATIONAL COOPERATION RESOURCES) HIGHLIGHTS

- ❑ Building on the successful engagements in the first quarter to revitalize partnership with the United Kingdom, September 2014 saw the official launch of Newton Fund cooperation, presided over by Minister Pandor and Minister Duddridge of the United Kingdom
- ❑ The Programme coordinated a concerted South African effort at the International Council for Science (ICSU) General Assembly, its highest decision-making body, held in New Zealand in August and September 2014, which resulted in two eminent South Africans being elected to the ICSU Board
- ❑ Following South Africa's association with the EUREKA Network, Europe's leading programme for market-oriented research, during the first quarter. In the second quarter the first South African participation in a EUREKA project was formally approved. The project involved the participation of Mintek and the South African mining industry in the strategic domain of water innovation

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**PROGRAMME 3 (INTERNATIONAL COOPERATION RESOURCES) HIGHLIGHTS**

- ❑ Other significant multilateral engagements during the quarter included South Africa's ongoing decisive leadership of the Non-Aligned Movement (NAM) Centre of Science and Technology, currently chaired by the DST, as evidenced by the outcomes of the Bureau meeting held in Harare, Zimbabwe in September 2014
- ❑ At the operational level, several South African researchers and officials benefitted from a Non-Aligned Movement Science and Technology Centre workshop on minerals processing

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**PROGRAMME 3 (INTERNATIONAL RESOURCES AND COOPERATION) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
32 specialist or joint technical workshops, policy dialogues, symposia or conferences accessed, hosted, facilitated, or contributed to for participation by South African researchers and students by 31 March 2015	Nine specialist or joint technical workshops, policy dialogues, symposia or conferences accessed, hosted, facilitated, or contributed to for participation by South African researchers and students by 30 September 2014	A total of 18 joint technical workshops, policy dialogues, symposia etc were held. These include amongst others; <ul style="list-style-type: none"> <li>• Infectious Diseases Early Warning Systems (IDEWS) Symposium on early warning systems related to health</li> <li>• European South African Science and Technology Advancement Programme (ESASTAP) Plus annual meeting</li> <li>• Science Technology and Innovation Cooperation between Sub-Saharan Africa and Europe (CAASTNET) Annual meetings (17 to 19 June 2014)</li> <li>• Organisation for Economic Cooperation and Development (OECD) workshop on Future Prospects of Marine Aquaculture</li> </ul>	<b>Achieved</b>

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**PROGRAMME 3 (INTERNATIONAL RESOURCES AND COOPERATION) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
19 regional continental and/or global initiatives led by South Africa by 31 March 2015	Four regional continental and/or global initiatives led by South Africa by 30 September 2014	Five regional continental and/or global initiatives led by South Africa, namely: <ul style="list-style-type: none"> <li>• Zambia Joint Committee Meeting</li> <li>• Ministerial Meeting with Namibian Parliamentary Portfolio Committee</li> <li>• Southern African Ministerial Conference On Science And Technology (SAMCOST) Ministerial Meeting (16 to 20 June 2014)</li> <li>• CAASTnet annual meeting</li> <li>• UNESCO-Africa Engineering week</li> </ul>	On Course

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**PROGRAMME 3 (INTERNATIONAL RESOURCES AND COOPERATION) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
Eight regional or continental initiatives promoted to strengthen STI engagement with Africa by 31 March 2015	Three regional or continental initiatives promoted to strengthen STI engagement with Africa by 30 September 2014	Four regional and continental initiatives promoted namely: <ul style="list-style-type: none"> <li>• Network involving South Africa Developing Africa-European Joint Collaboration for Science and Technology (ERAFRICA) conference 16-18 September 2014, SA</li> <li>• High Level Policy Dialogue (HLPD) Video conference (09 July and 16 September 2014)</li> <li>• CAASTNET Annual meeting</li> <li>• UNESCO-Africa Engineering Week</li> </ul>	On Course

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**PROGRAMME 3 (INTERNATIONAL RESOURCES AND COOPERATION) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
1 456 South African researcher and student participants in international human capital development opportunities by 31 March 2015	568 South African researcher and student participants in international human capital development opportunities by 30 September 2014	<p>A total of 565 researchers and students through the following human capital development opportunities, to name but few;</p> <ul style="list-style-type: none"> <li>• European and Developing Countries Clinical Trials Partnerships (EDCTP) South Africans accessed the NAM Beneficiation workshop in Zimbabwe</li> <li>• South African Accessed the OECD Workshop on Future Prospects of Marine Aquaculture</li> <li>• Participated in the UNESCO-Africa Engineering Week Conference</li> <li>• Switzerland (Participants) = 12</li> <li>• SA-Russia Joint Institute for Nuclear Research</li> </ul>	<b>On Course</b>

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- PROGRAMME 4 HIGHLIGHTS: RESEARCH DEVELOPMENT AND SUPPORT**
- ❑ The DST in partnership with the Mothong African Heritage Trust, the Gauteng Department of Agriculture and Rural Development, the City of Tshwane, and UNISA celebrated indigenous science and heritage on 30 September 2014, at the Mothong Heritage site in Mamelodi. Mothong is part of the cosmeceuticals consortium that forms part of the Bio-Prospecting Development Platform initiated by the DST
  - ❑ Officials of the DST, together with a team of astronomers and experts, undertook a visit to the Netherlands and Belgium from 14 to 18 July 2014. The main purpose of the visit was to strengthen astronomy and "Big Data" partnerships with key interlocutors in the Netherlands and Brussels
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PROGRAMME 4 HIGHLIGHTS: RESEARCH DEVELOPMENT AND SUPPORT

- ❑ As a result clear collaborative opportunities have been identified that can reduce the lag in Big Data in South Africa, not only in scientific applications, but also around enabling policies, procedures and standards
- ❑ The Multi-Wavelength Astronomy Strategy has been drafted and shared with the Astronomy Advisory Council and the astronomy community, as part of a formal consultation process

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PROGRAMME 4 HIGHLIGHTS: RESEARCH DEVELOPMENT AND SUPPORT

- ❑ On strategic documents, the first draft of the implementation plan of the Science Engagement Strategy was completed with the assistance of the South African Agency for Science and Technology Advancement
- ❑ In addition, the first draft of the implementation plan for the Department's Human Capacity Development (HCD) Strategy has been completed

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 PROGRAMME 4 HIGHLIGHTS: RESEARCH DEVELOPMENT AND SUPPORT

- A bibliometric analysis of South African astronomy outputs is currently underway through the Centre for Research on Evaluation, Science and Technology
- Regarding legislation, the first draft of the National Research Foundation (NRF) Amendment Bill was completed with the assistance of the DST legal staff and substantive changes have been incorporated in the NRF Act

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 PROGRAMME 4 HIGHLIGHTS: RESEARCH DEVELOPMENT AND SUPPORT

- During the reporting period the Minister approved the development of three new Centres of Excellence in: HIV and AIDS, water research, and human settlements. In addition, the Minister recently approved the award of at least twenty more Research Chairs by the NRF. These 20 new Chairs will be reserved for the appointment of female South African citizens and permanent residents
- On 15 September 2014 a Human and Social Sciences Infrastructure Working Group (HSSIWG) was established. The aim of the HSSIWG is to highlight the importance of the human and social sciences research community's participation in the process to develop an action plan for the South African Research Infrastructure Roadmap (SARIR), the National Integrated Cyberinfrastructure System (NICIS), and the Big Data projects

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**PROGRAMME 4 (RESEARCH DEVELOPMENT AND SUPPORT) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
11 440 postgraduate students (3 414 BTech and honours, 4 671 master's and 2 665 PhD students) and 690 postdoctoral fellows awarded bursaries through NRF-managed programmes by 31 March 2015	9 000 postgraduate students and 400 postdoctoral fellows awarded bursaries through NRF-managed programmes by 30 September 2014	9 821 postgraduate students and fellows (3 182 honours, 3 615 masters, 2 383 PhD and 641 postdoctoral) awarded bursaries as reflected in the NRF reports	On Course
Number of research infrastructure grants awarded as per award letters	Call for proposals on awarding of research infrastructure grants issued by 30 September 2014	The calls for proposals for scientific equipment were made in August 2014. The external review and evaluation of the high-end proposals were concluded in September 2014	On Course

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**PROGRAMME 4 (RESEARCH DEVELOPMENT AND SUPPORT) ACHIEVEMENTS**

Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
800 Mbps average bandwidth capacity availability per SANReN site by 31 March 2015	Revised sites connectivity plan concluded by 30 September 2014	The connectivity plan was revised and finalised. The process for connecting new sites has started	On Course
3 876 researchers awarded research grants through NRF-managed programmes as reflected in the NRF project reports by 31 March 2015	2 000 researchers awarded research grants through NRF-managed programmes as reflected in the NRF project reports by 30 September 2014	3 398 researchers awarded research grants through NRF-managed programmes as reflected in the NRF project report	On Course
One implementation plan for the STEMI promotion and engagement strategy for the NSI approved by DST EXCO by 31 March 2015	First draft of the Science engagement strategy implementation plan developed by 30 September 2014	First draft of the Science Engagement Strategy implementation plan was developed	On Course

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 PROGRAMME 5 HIGHLIGHTS :SOCIO-ECONOMIC INNOVATION PARTNERSHIP

- ❑ In support of the Department of Rural Development and Land Reform (DRDLR)'s Comprehensive Rural Development Programme (CRDP) strategy, the DST is piloting a range of innovative technology solutions to enhance service delivery through an initiative called the Innovation Partnership for Rural Development (IPRD) programme and
- ❑ Within the ambit of this programme, the CSIR has been appointed by the DST to develop and pilot or implement the Corrective Action Request and Report System (CARRS). CARRS is an incident management system that will focus on water related incidents during the pilot phase. Through CARRS, communities will be afforded an opportunity to report water related incidents that affect their lives. The reports will be routed electronically to municipal officials who will be expected to conduct assessments on the reported incidents affecting communities and to implement corrective action to remedy the situation

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 PROGRAMME 5 HIGHLIGHTS :SOCIO-ECONOMIC INNOVATION PARTNERSHIP

- ❑ The DST is supporting the Fluorochemicals Expansion Initiative (FEI) with the launch of a multipurpose fluorination pilot plant (MPFP) at the Nuclear Energy Corporation of South Africa (NECSA). The MPFP enables South Africa to build new markets for novel and promising fluorine-based chemicals by producing sufficient quantities of samples for potential buyers and development partners. This is a vital step in expanding the range of fluorochemicals where South Africa is either an exclusive or preferred supplier
- ❑ DST together with the Department of Basic Education (DBE) and the HSRC hosted a national workshop on the integration of ICT in Basic Education (ICT4E). The workshop was attended by practitioners who were invited in order to gain their insights into the current status and integration of ICTs in schools in South Africa

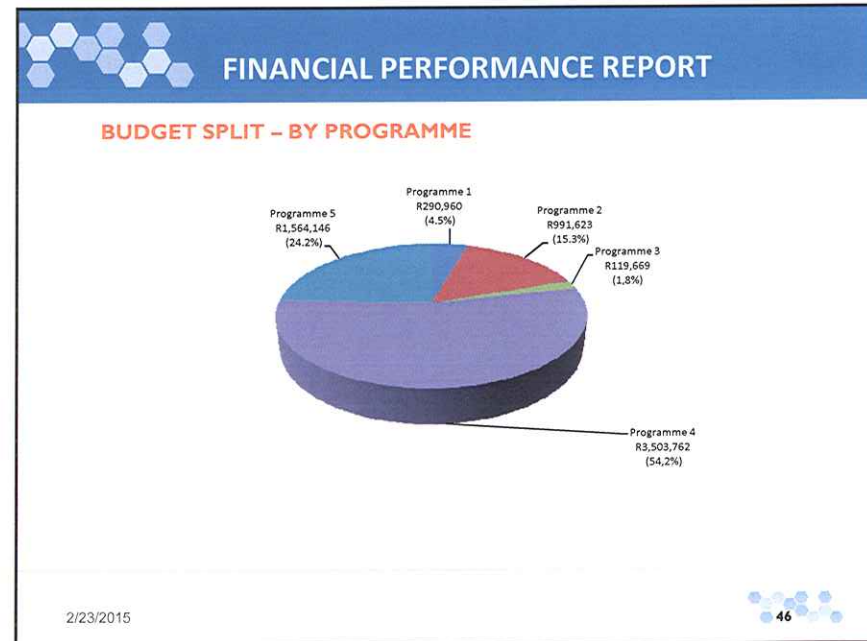
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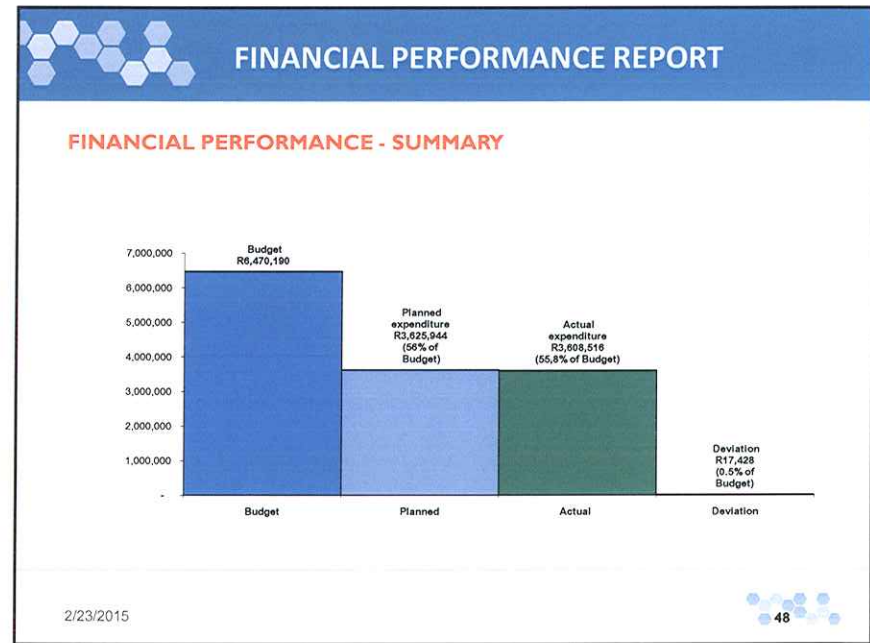
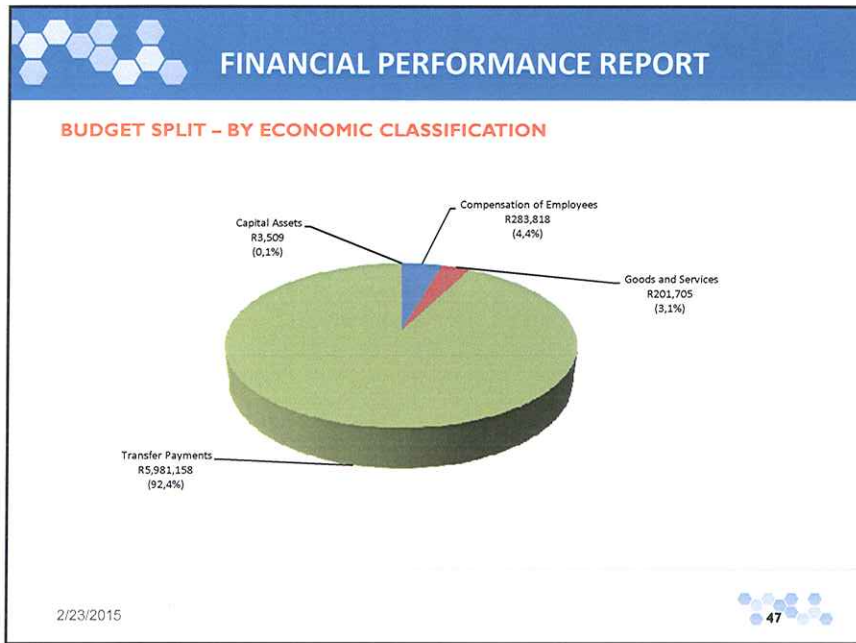


### PROGRAMMES 5 (SOCIO-ECONOMIC PARTNERSHIP) ACHIEVEMENTS

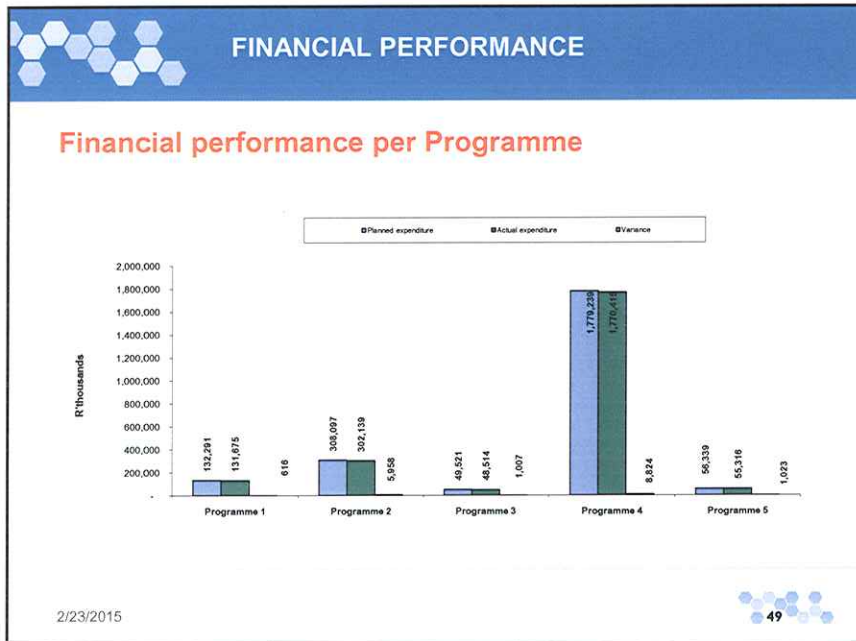
Annual Target	Quarter 2 Target	Quarter 2 Progress	Status
Two knowledge products on technology-led opportunities for sustainable livelihoods published on the DST website by 31 March 2015	1 <sup>st</sup> draft of the two identified policy briefs on technology-led opportunities for sustainable livelihoods developed by 30 September 2014	A draft Policy Brief focusing on the use of Point of Use Technologies was developed by 30 September 2014	On Course
20 knowledge and innovation products (patents, prototypes, technology transfer packages) added to the IP portfolio by 31 March 2015	Monitoring of signed contracts with implementing agencies and take timeous corrective action by 30 September 2014	The monitoring of signed contracts ongoing. Four knowledge products added by 30 September 2014	On Course

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### CONCLUSION

- The Department commits itself to continuous improvement in the policies, processes, structures and instruments that have been put in place in pursuit of an effective NSI whose contribution to national development is being optimised. Also in continuous pursuit of addressing the triple challenges ( poverty, unemployment and inequality) facing the country

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THANK YOU



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The image is a presentation slide with a blue header bar at the top containing the text "THANK YOU" in white. Below the header is a large photograph of solar panels installed in a field of tall green grass. The sun is shining brightly in a blue sky with some clouds. In the bottom left corner of the slide, the date "2/23/2015" is displayed. In the bottom right corner, there is a small blue hexagonal logo and the number "51".