

CSIR Contract R&D

Strategic and Operational Plan for the 2008/09 to 2010/11 planning cycle

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Portfolio Highlights 2007/8

Strategic Objectives	YTD Progress																								
Transforming the Contract R&D portfolio to support a greater focus on generation of new scientific knowledge with medium to long term commitments from stakeholders as an essential element of the CSIR strategy	More than 50% of CSIR external Contract R&D entails medium to long term commitments from stakeholders Public Sector: (66%) 87% Rand Value Private Sector: (42%) 73% Rand Value Foreign Sector (60%) 88% Rand Value																								
Increasing the proportion of CSIR Contract R&D that is strategically planned, aligned with the CSIR mandate and supportive of national strategies	More than 77% of CSIR activities are strategically aligned and in support of national strategies and multi-year. CSIR support to Socio-Economic Objectives is as follows: - Advancement of Knowledge R140m (18%) - Peace & Security R184m (24%) - Economic Development R122m (16%) - Environment R72m (9%) - Society R81m (10%) - Other R111m (14%) -"None" 8% - Information and Communication 2%																								
Contract R&D Research Mix: A:B:C:D (Routine Knowledge-based Services): Other (Portfolio Management): Unknown	25:24:17:6:22:6																								
Customer Satisfaction	83.94%																								
Maintaining financial sustainability	<table><tr><th colspan="6">Contract R&D Pipeline & Secured vs Budget as at 31 December 2007</th></tr><tr><th></th><th colspan="4">2007/08</th><th>2008/09</th></tr><tr><th></th><th>Pending</th><th>Secured</th><th>Budget</th><th>% Sec</th><th>Secured</th></tr><tr><td>Total</td><td>34,469</td><td>783,189</td><td>666,994</td><td>117%</td><td>273,408</td></tr></table>	Contract R&D Pipeline & Secured vs Budget as at 31 December 2007							2007/08				2008/09		Pending	Secured	Budget	% Sec	Secured	Total	34,469	783,189	666,994	117%	273,408
Contract R&D Pipeline & Secured vs Budget as at 31 December 2007																									
	2007/08				2008/09																				
	Pending	Secured	Budget	% Sec	Secured																				
Total	34,469	783,189	666,994	117%	273,408																				
Unit Contribution	<ul style="list-style-type: none">- Specify requirements of systems for managing the quality and delivery of contract R&D- Input to the CSIR Annual Plan on those aspects of the plan relating to the Contract R&D Portfolio- Consolidate CSIR contract R&D performance quarterly/annually- Promote and monitor shifts in the strategic shape of the CSIR Contract R&D portfolio- Monitor the strategic profile and health of the portfolio and support Units in attaining objectives- Structure strategic partnerships and new initiatives that draw on the science competences of multiple CSIR Units/Centres.- Provide institutional leadership on NIPF, DST 10 Year Plan, EU S&T Framework, and develop appropriate																								

Vision

Portfolio

- To have the optimal quality and high value Contract R&D Portfolio congruent with the organizational strategy
- A robust and quality portfolio of Contract R&D contributing to financial sustainability

Unit

- To optimize the CSIR Strategic Contract R&D portfolio by enabling the organization to optimise its resources, core skills, and competencies in support of national goals by leveraging resources and capabilities from the national, regional, and global market
- To leverage public, private, and international partnerships in support of cutting-edge science, engineering and technology

Main Objective

- To develop, facilitate and structure strategic Contract R&D partnerships in major growth opportunity areas across the CSIR, with key public, private and international partners to facilitate major R&D interventions, across the R,D and I chain in alignment with the CSIR mandate and key national strategies which will enable an optimal quality and high value Contract R&D Portfolio congruent with the organizational strategy and result in a robust and quality portfolio of Contract R&D contributing to financial sustainability
- Develop and structure strategic Contract R&D partnerships in major growth opportunity areas across the CSIR, with key public, private and international partners to facilitate major R&D interventions, across the R,D and I chain; and

Main Objective

- To strengthen and develop the CSIR Strategic Contract R&D portfolio by enabling the organization to optimise its resources, core skills and competencies in support of national goals by leveraging resources and capabilities from the national, regional, and global market;
- To develop and structure strategic Contract R&D partnerships in major growth opportunity areas across the CSIR, with key public, private and international partners to facilitate major R&D interventions, across the RDI chain;
- To facilitate opportunities in the public, private, and international sectors in alignment with the CSIR mandate and key national strategies to enable an optimal quality and high value Contract R&D Portfolio congruent with the organizational strategy and a robust and quality portfolio of Contract R&D contributing to financial sustainability.

Value Proposition of the Unit

- The Contract R&D Unit is in a unique position to add value, enable impact, and to optimize the CSIR Contract R&D Portfolio through its critical mass of multi-disciplinary staff
- Our competitive advantage is the broad understanding, knowledge, experience, and network of relationships across several sectors
- As part of the CSIR R&D Core, the Contract R&D Group is uniquely placed to facilitate access to government, industry and international sectors
- We have a good understanding of government policies and implementation strategies, as well as the science and technological competences of the CSIR
- We play a leading role in translating these into the national development agenda in collaboration with the public, private and international sectors

Reason for the Unit's Existence

- The tension between securing the desired strategic shape of the CSIR Contract R&D portfolio and achieving short-term financial results needs to be managed. This has both strategic and operational implications:
 - Understand the organisational capacity and facilitate opportunities in the public, private, and international sectors alignment with the CSIR mandate and key national strategies
 - Develop and structure strategic Contract R&D partnerships in major growth opportunity areas across the CSIR, with key public, private and international partners to facilitate major R&D interventions, across the R,D and I chain
 - Support, drive and consolidate organisational performance against planned targets re alignment and support to key national strategies

Critical Strategic Objectives of the CSIR Contract R&D Portfolio

- Transforming the Contract R&D portfolio to support a greater focus on generation of new scientific knowledge with medium to long term commitments from stakeholders as an essential element of the CSIR strategy
- Increasing the proportion of CSIR Contract R&D that is strategically planned, aligned with the CSIRs mandate and supportive of national strategies
- Defining and structuring strategic Contract R&D initiatives on a national, continental and international basis, the primary intent of which is to enable the CSIR to conduct research that is both endorsed by the mandate and represents an integral part of the South African government's science and technology strategy

Key Initiatives for 2008/2009

- Public Sector Contract R&D
 - DST/CSIR Institutional Framework of Cooperation (support)
 - DTI/CSIR Institutional Framework of Cooperation (NIPF)
 - National line departments/CSIR (facilitate strategic relationships, MOAs)
 - Unit-specific **AND** multidisciplinary Contract R&D
 - CSIR Public Sector Situational Analysis
 - CSIR Public Sector Strategy
- Private Sector Contract R&D
 - CSIR Private Sector Strategy
 - CSIR Private Sector Strategy Implementation Plan
 - Strategic Partnerships with selected actors

Key Initiatives for 2008/2009 (cont.)

- International Contract R&D
 - EU S&T Strategy Implementation
 - NEPAD Strategy Implementation
 - WAITRO RFP (Ring-fenced strategy support project)
 - EU ST-EAP (Ring-fenced strategy support project)
 - Targeted MNCs (CSIR-level and Unit-based)
 - Develop International Contract R&D Strategy (subject to resources)
- Support to Units as required
 - Report on the operational performance being achieved by the CSIR Contract R&D Portfolio on a monthly and quarterly basis to the CSIR Executive
 - Stakeholder/Customer Survey
- Effective management of the Contract R&D Unit
 - Resource Unit with appropriate capacity and adequate budget to provide effective service levels (subject to resources)

In Summary: Unit Services

- Provide institutional leadership on key national, continental and international initiatives subscribed to by the South African government, e.g. NIPF, DST 10 Year Plan, emerging national sectoral plans, Africa S&T Plan, EU S&T Framework, and develop appropriate responses by the CSIR
- Provide leadership in the structuring of strategic partnerships between the CSIR and contract R&D stakeholders and structure new strategic contract R&D initiatives that draw on the science competences of multiple CSIR Units / Centres
- Promote and monitor shifts in the strategic shape of the CSIR Contract R&D portfolio
 - Monitor the strategic profile and health of the CSIR contract R&D portfolio and support Units in attaining objectives
 - Consolidate CSIR contract R&D performance in MTEF budget period
 - Input to the CSIR Annual Plan on those aspects of the plan relating to the Strategic Contract R&D Portfolio
 - Specify requirements of systems for managing the quality and delivery of contract R&D

Key Challenges and Opportunities

Areas	Key challenge /opportunity
Private	Increased Private sector Contract R&D aligned with B60 intent
Public	Strategic multi-year Contract R&D facilitated through the intergovernmental framework and MTEF submissions with national sectoral departments
International	Development of an International Contract R&D Strategy / Plan

Budget Summary

Allocation Area	Budget 2007/08,Rm	Forecast 2007/08, Rm	2008/09, Rm (Forecast)	% change	Comments
Manpower	R2 581 739 Vacancy for a Contract R&D Leader to replace TK at D1/D2 level is not included	R2 506 252 Vacancy for a Contract R&D Leader to replace TK at D1/D2 level is not included	? Vacancy for a Contract R&D Leader to replace TK at D1/D2 level is requested	+2 Positions for temporary contract workers: 1=ST-EAP/WAITRO 1=Contract R&D Admin C3/C4 level required +1 Position for Contract R&D Leader at D1/D2 level required	2 Contract workers: 1=replacement of secretary, currently Kelly Temp 1=contract worker required for ST-EAP contract 1 Vacancy to be filled: Contract R&D Leader
Running Expenditure	R1 831 800	R2 421 974	R2 470 413	The change in running expenditure is caused by vacancies of permanent workers, where costs have moved to running expenditure due to project contracts/temporary contracts	

Thank you

