

Presentation to the Joint Sitting of the Portfolio Committee for Basic Education and Higher Education and Training – National Assembly

Higher Education Branch
Department of Education
17 June 2009



Levers and Degree of Change 96-06



- White Paper 3
 - Planning
 - Funding
 - Quality
- Policy and legislation
- Improved Access, Success, Equity and Quality
- Enrolments grew from 590 000 to 741 000.
- The enrolments in science, engineering and technology grew from 23% to 29%;
- Coloured and African students grew from 59% to 68% of total enrolments;
- Enrolment of women students grew from 48% to 55%,
- The higher education budget has grown from R 9.8 billion in 2004 to R14.923 billion in 2008 which represents an increase of 52% since 2004.

Higher Education Planning



- In 2006, the Ministry concluded the student enrolment and output planning process for the period to 2010. During 2009, a new cycle for the period from 2011 will be concluded
- The planning parameters included:
 - The HE system must contribute to national HRD and research priorities.
 - Attention must be paid to the need to increase the enrolment and graduate output of scarce and critical skills.
 - Enrolments must be matched to available resources, physical, human and financial.
 - Institutions must focus on improving graduation and success rates.
 - A differentiated approach to enrolment planning must be adopted.

Higher Education Planning



- Individual institutions have been set unique enrolment and output targets which include success rates, graduation rates and minimum numbers of graduates.
- All institutions are expected to operate within these approved parameters.
- The Department of Education will monitor, on an annual basis, the performance of institutions relative to their input and output targets.
- Appropriate steps will be taken if an institution's performance indicates that it will not meet its targets.
- In terms of the enrolment planning for this period, the output levels of the system are scheduled to improve.

Higher Education Planning



- Head Count: Target of 820 000 students by 2010. 82 000 more than 2005, average annual growth of 2.1% pa.
- Enrolment Shape: SET from 29% to 30% (246 000). B&M from 29% to 33% (280 000) HUM from 42% to 37% (304 000) by 2010. NPHE 25:25:49 to 30:30:40
- Student outputs: Average success rates to improve from 71% to at least 77% thus increase graduates from 120 000 to 150 000.
- Postgraduate Study: Increased enrolments and graduates in Masters and Doctoral degrees. Doctoral graduates from 1 200 to 1 700, 42% by 2010.
- Participation Rates: Participation rate from 12% (1994) to 17.5% in 2010.

Higher Education Funding



- Institutions funded according to a formula and needs
- Funds allocated to enable institutions to provide teaching, learning and research services
- Government allocation divided between earmarked and non-earmarked
- Institutional budgets made of Government grants, student fees and other income

Higher Education Funding



DISTRIBUTION OF MTEF TOTALS FOR 2009/10 TO 2011/12 RANDS MILLIONS						
	2009/10		2010/11		2011/12	
Block grants	13310	100%	15344	100%	16776	100%
Teaching inputs	8497	64%	9795	64%	10710	64%
Institutional factors	885	7%	1020	7%	1115	7%
Teaching outputs	2123	16%	2448	16%	2676	16%
Research outputs	1738	13%	2004	13%	2190	13%
Veterinary Sciences	67	1%	77	1%	84	1%
Earmarked grants	3832	100%	4188	100%	4600	100%
NSFAS	1845	48%	2015	48%	2373	52%
Interest & redemption on loans	41	1%	34	1%	28	1%
Improving infrastructure & output efficiencies	1462	38%	1585	38%	1615	35%
Clinical training of health professionals	300	8%	330	8%	350	8%
National Institutes	35	1%	39	1%	41	1%
African Institute for Mathematical Studies	3	0%	0	0%	0	0%
Foundation programmes	146	4%	185	4%	193	4%
Institutional restructuring	0	0%	0	0%	0	0%
TOTAL	17142		19532		21376	

Student Financial Support



NSFAS

- The value of the fund R 1,38 billion (2006). Increased to R2.2 billion (2009). Includes Funza Lushaka and FET bursaries
- The number of awards made 7,240 (1991) to 124,708 (2006).
- Recovered funds R14 million (1999) to R600 million (2008).
- Demand outstrips supply and value insufficient to meet full needs of students - Review
- The Fundisa Fund launched as a complementary fund to the National Student Financial Aid Scheme.

The Fundisa Fund



- Three year pilot in partnership with the Association of Collective Investments (ACI) and NSFAS
- Savings account for study of an accredited qualification at either a public college or a university.
- A bonus paid (R600 pa) for saving of R2400. Bonus funds only paid to educational institution.
- Beneficiaries must be citizens, but any person with an ID can open an account on behalf of a prospective student
- Nominated beneficiaries may be changed
- Minimum investment R40 pm, invested in income unit trusts

Strategic Interventions



- Investment to increase success and throughput rates
 - Foundation and Teaching Development Grants
- Investment to increase capacity in scarce and critical skills
 - Health Sciences
 - Natural and physical sciences, including plant and animal health
 - Engineering sciences and the built environment
 - Teacher education
- Improve the quality of teaching, learning and research infrastructure
 - Renovate, build or modernize lecture theatres, laboratories and libraries
- Improving the quality of life of students
 - Renovating or building student residences.

Examples of institutional projects



- Increasing enrolments and graduate outputs in scarce and critical skills e.g. Science Engineering and Technology, Built Environment, Accountants, Actuaries and Health Sciences
 - UCT, Wits, Pretoria, Western Cape, Stellenbosch, Kwazulu-Natal, Limpopo, WSU
- Improving quality of teaching and learning infrastructure and quality of life of students
 - Venda, Walter Sisulu, UNISA, Tshwane, North West, Limpopo, Johannesburg, Central and Nelson Mandela
- Establishing new institutional foot prints
 - Fort Hare, Zululand

Campus built for 5500 students in 1982
11600 headcount student enrolment today.
Approved enrolment target of 10 000 headcount by
2010



UNIVERSITY OF VENDA

“UNDER

CONSTRUCTION”



Three “construction” projects



- Recovery Plan - R159.7m in 2006
 - Major renovation of buildings & upgrading ITC infrastructure, & management systems (e.g. internal audit, budgeting, performance management, institutional planning)
- Increasing the “carrying capacity”
 - R207m in 2007- Campus built for 5 500 students with current enrolment of 11 600
- Converting to a “Comprehensive” University”
 - R42m in 2007 for restructuring the academic shape of the University

Six New Student Residences



Mid April: Residence 1 at roof height



End April: Residence 1 nearing completion

Each pre-fabricated residence can accommodate 63 students

August: 6 Residences completed



Key achievements



■ Backlog Maintenance

- ❑ Seating capacities in some lecture theatres has been increased by more than 43%
- ❑ 11 student residences have been fully refurbished. Fans, study lamps, new mattresses and some new beds have been provided
- ❑ 6 new pre-fabricated student residences have been completed, providing addition accommodation for 378 students
- ❑ Access control policy for the residences has been agreed and work is underway to fence clusters of residences and implement the system
- ❑ 9 Academic buildings have been fully refurbished and the science laboratories are currently being renovated by a specialist contractor
- ❑ The library has been refurbished and now has a fully operational fire protection system
- ❑ A new comprehensive waste management system has been implemented
- ❑ To date contracts have been awarded to 52 companies of which 41 are from the Limpopo region

Renovation of Academic Facilities

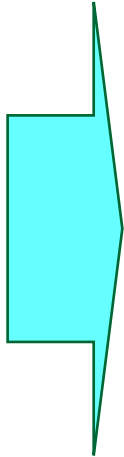


Before



22 June 2009

Lecture Theatres



After



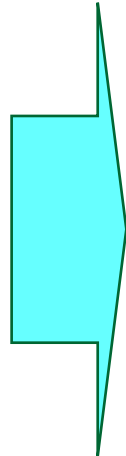
Renovation of student residences



Before



Student Residences



After



University of the Western Cape



- Africa's largest and most comprehensive Dental Faculty, produces 47% of all the country's new dentists.
- The National Centre of Competence in the Hydrogen Economy and Fuel Cells
- The Mintek National Centre of Excellence Biosensor and biolabelling
- Houses the only National Competence Centre in Nanotechnology
- UWC is the continental leader in Bioinformatics and has the National Research Chair in Bioinformatics at SANBI
- UWC houses the largest Biotechnology team of Postdoctoral Fellows in the country
- UWC is Africa's leader in Free and Open Source Software development, and is the initiator of a network of developers in 13 African countries
- Produces largest number of black post graduate students

New School of Public Health Completed 2009





New Life Sciences Complex

