

Education in Land Management in southern Africa

The Namibian experience

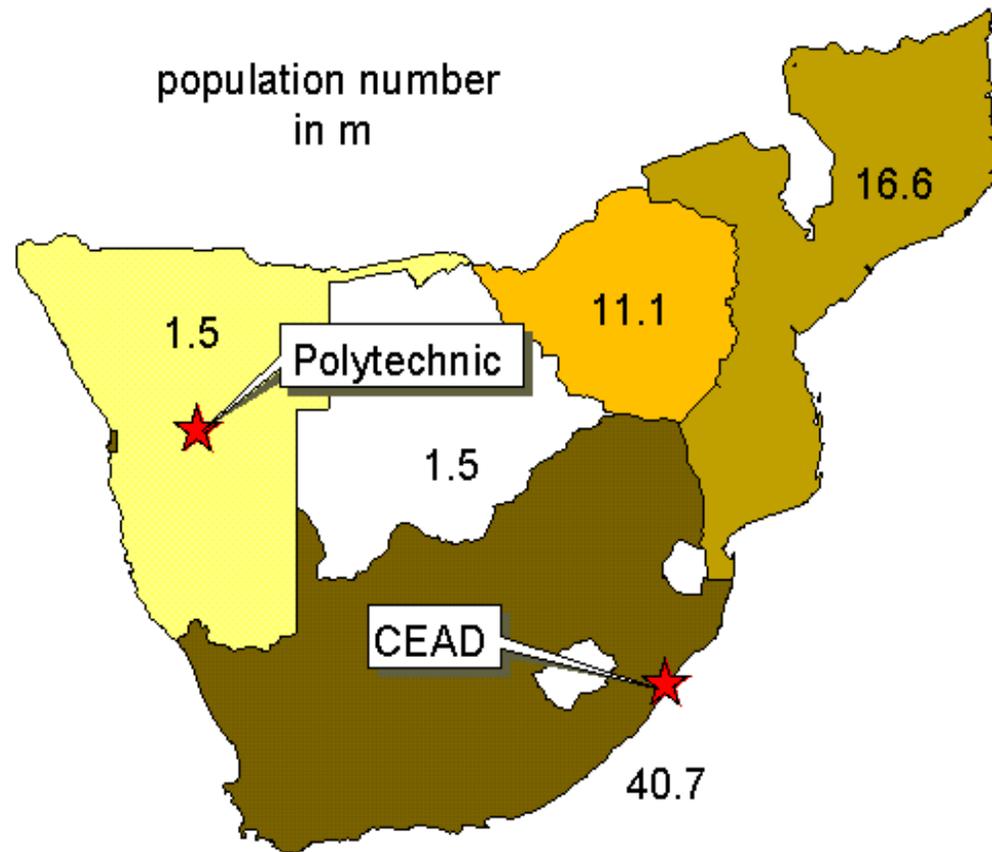
The need for Land Management Education

- **Access to land is a central social and political issue in southern Africa**
- **The recent democratisation in Namibia and RSA and in other southern African countries has resulted in new constitutional provisions, new laws and new policies on land**
- **Consequently land managing institutions face an immense task to implement land reform. At the same time the new democracies in southern Africa lack a good cadre in Land Management**

Land Management defined

- **A system of planning and management methods and techniques**
- **That aims to integrate ecological with social, economic and legal principles in the management of land for urban and rural development purposes to meet changing human needs**
- **While simultaneously ensuring the long-term productive potential of natural resources and the maintenance of their environmental and cultural functions**

Land Management Education catchment's area



Land Management Education

A Model

Land Managing Organisations in Southern Africa

Professional and Academic staff

Technologists/ Technicians

Para-Prof. staff

Managers

LIM Masters Programme

Natal Univ.

LM B. Tech.

LM Nat. Dipl. and Certificate courses

Organization and Technology Management Workshops (Poly + CPST)

Poly. of Namibia

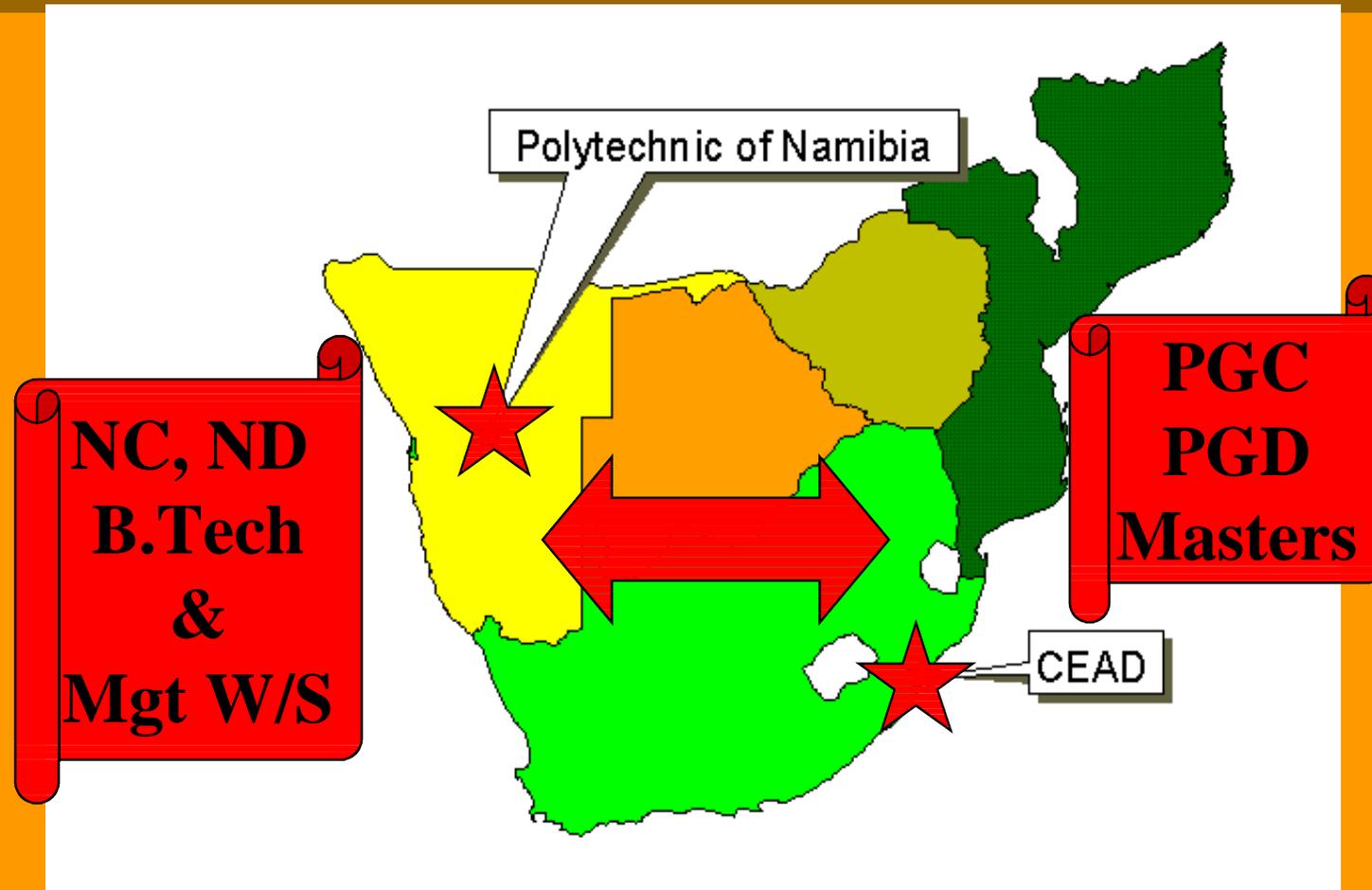
B.Sc./B.tech/ Prof. & Academic Staff upgrading

Related N.D./ Tech. upgrading

Grade12/Matric

Managers/ Prof. & Academic Staff upgrading

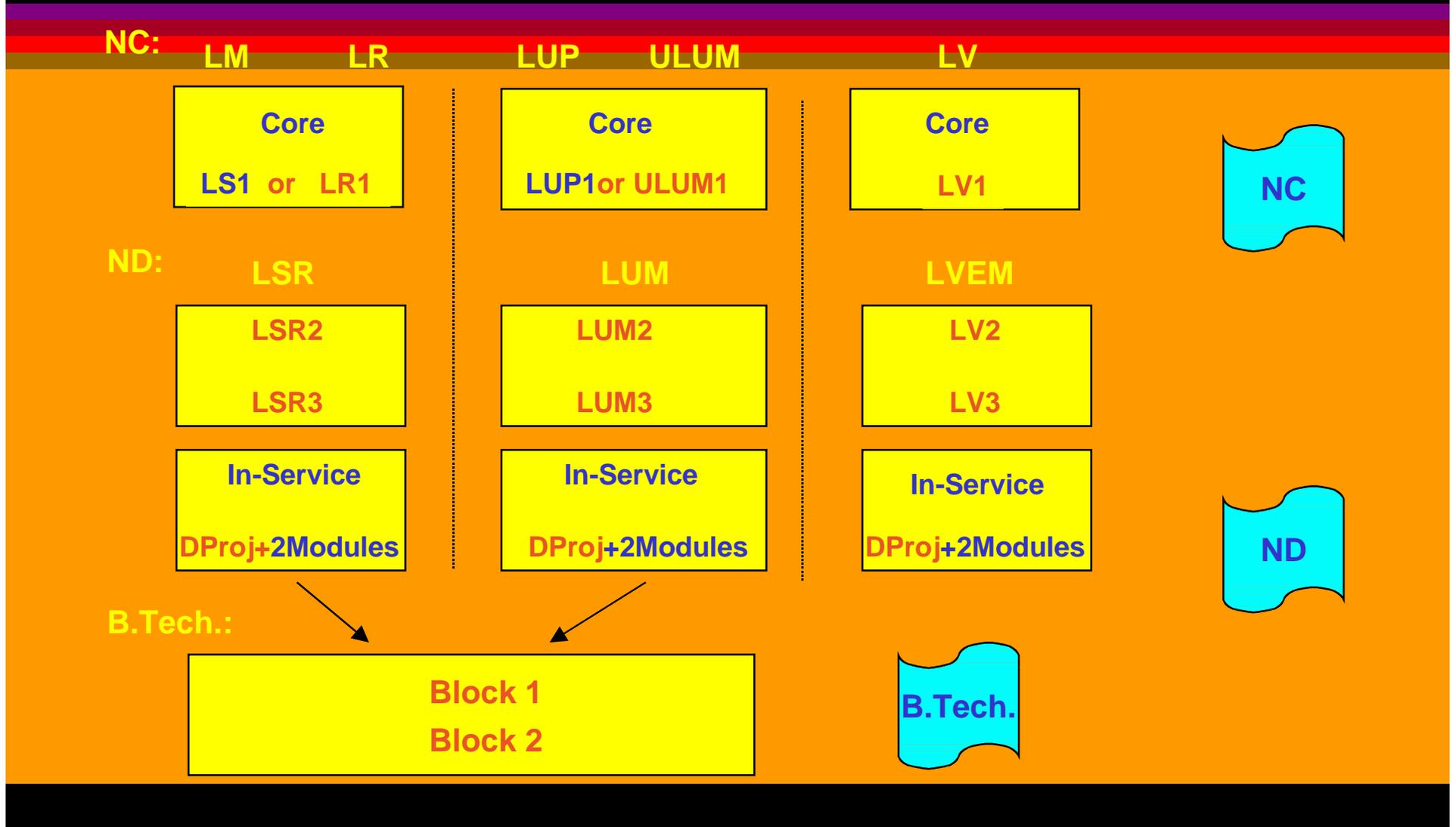
Training & Education in Land Management



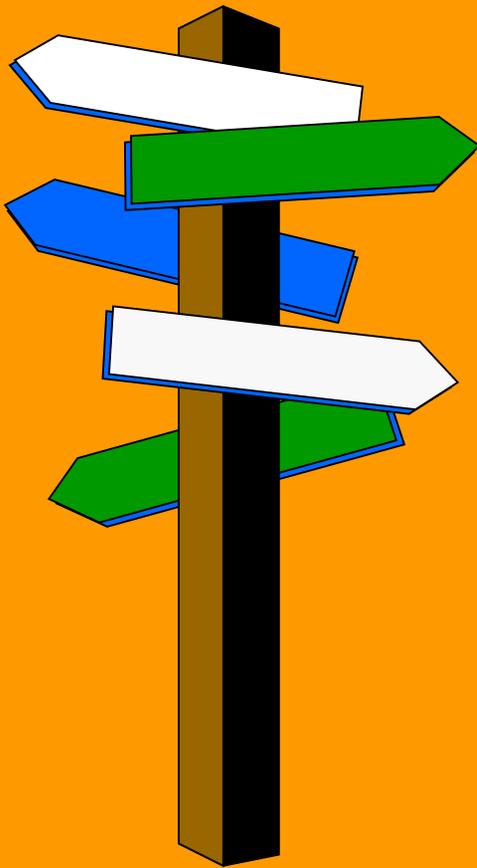
**At the Polytechnic of
Namibia**

**Department of Land
Management**

The Land Management Programme

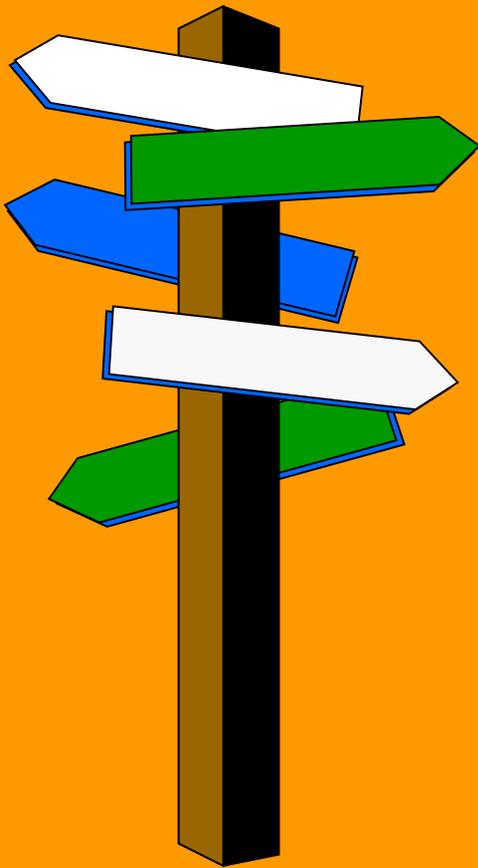


National Certificates Land Management



- | Land Use Planning
1995
- | Land Measuring *1997*
- | Land Valuation *2000*
- | Urban Land Use Mgt
2001/revised 2003
- | Land Registration
2003

National Diplomas/B.Tech Land Management



- | ND Land Use Management *2004*
- | ND Land Surveying and Registration *2004*
- | ND Land Valuation and Estate Management *2004?*
- | B.Tech. In Land Management *2004*

Core Module Land Management

- | **Statistics, Maths, Economics, Communication, Computer skills**
- | **Land Use Planning, Valuation, Survey & Mapping and GIS**
- | **Land Tenure, Registration, EIA and Ecology**

NC in Land Measuring

- | Core Modules + 1 semester

NC in Land Use Planning

- | Core Modules + 1 semester

NC in Land Valuation

- | Core Modules + 1 semester

NC in Urban Land Use Management

- | Core Modules + 1 semester

NC in Land Registration

- | **Core Modules + 1 semester**
- | **LR 9: Global trends, land tenure and Namibian land laws**
- | **LR10: Formal land registration systems in Namibia**
- | **LR11: Flexible land tenure and generic registration systems**
- | **LR12: Conflict resolution, property markets and organizations**
- | **LR13: Land information systems; requirement analysis and development**
- | **LR14: Land information systems; data collection, maintenance, analysis and visualization**

ND in Land Surveying and Registration

- | 2 taught Semesters + 1 In-Service training Semester and 1 Final Assignment Semester

ND in Land Use Management

- | 2 taught Semesters + 1 In-Service training Semester and 1 Final Assignment Semester

B.Tech. In Land Management

I BT block 1

- § Land policies and institutions
- § Economic and social land issues
- § Geoinformatics (for LUM ND's) or Spatial and environmental planning and management (for LSR ND's)
- § Land administration
- § General management

§ BT block 2

- § Optimisation of the integrated Land Management process
- § Research skills
- § Research project (12 weeks)

Polytechnic NC/ND clients till 2001

- | Lands
Namibia, Botswana
- | Agriculture
Botswana
- | Municipalities
Nam, Zam, Zim
- | Land Affairs & Agriculture
Eastern Cape, Mpumalanga



Achievements at Polytechnic of Namibia

- Department of Land Management established in 1999; 10 staff in 2002
- 1 ND & 4 NC courses institutionalized
- 128 students trained on NC since 1995, 22 students followed advanced courses
- Approx. 90 students follow NC & ND courses in 2001 (15 from RSA); 100 in 2002
- 11 students followed the ND course in 2000 and 17 in 2001 (9 from RSA)

At the MLRR

**Organisation and
Technology Management
Update**

Management Workshops



- 14 one to two week management and technology upgrade workshops
- 70 managers to be trained
- Workshops focus on action plans

Management Workshops

- | **WS1:** Policy making and strategic planning (2 w)
- | **WS2:** Organizational effectiveness (2 w)
- | **WS3:** Managerial effectiveness (1 w)
- | **WS4:** Financial management (1 w)
- | **WS5,7,9,11:** General management for different Directorates (1 w)
- | **WS6,8,10,12:** Technology update for different Directorates (1 w)
- | **WS13:** Optimization of org. processes (1 w)
- | **WS14:** Wrap-up (1 w)
- | **Professional Coaching** on implementation of action plans

**At the University of
Natal**

CEAD

Land Information Management NU



- | PG Certificate
 - 2002
- | PG Diploma
 - 2002
- | Master's Degree
 - 2002

IT-2

LIM Programme

STRUCTURE OF THE PROGRAMME

	Semester	Component	Credits	overall credits
Advanced Post-graduate Certificate	S1	Course-work	64	64
Advanced Post-graduate Diploma	S1	Course-work	64	128
	S2	Internship or Assignment (IFA)	64	
Masters	S1	Course-work	64	128
	S2	Dissertation	64	

IT-2

LIM Programme

ADVANCED POST-GRADUATE CERTIFICATE

16 modules (64 credits, 640 NSH or 80 working days)

- 1- PRA
- 2- Accounting & Budgeting
- 3- Computer Skill (incl. MS-Project)
- 4- Mathematics & Statistics
- 5- Land Economics
- 6- Land Use Planning Policy
- 7- Land Valuation
- 8- Surveying & Mapping (incl. GPS)
- 9- Resettlement & Farm Planning
- 10- GIS
- 11- Land Survey for Land (Deed) Registration
- 12- Land Reform in Southern Africa
- 13- Land Admin Institutions and Land Legislation
- 14- Land Adjudication & Land Dispute Resolution
- 15- Urban Planning
- 16- EIA

(The contents of these modules will satisfy the requirements of a post-graduate level)

A mechanism

**The INSHURD-TELMISA 2
Institutional Support
Project**

IT-2 Framework



- | Institutional Support
- | Training & Education
- | Land Management
- | Southern Africa

IT-2

Historical Review

- | 1994-6 Ibis Lands Project
- | 1996-2000 INSHURD Phase 1
- | 1999-2002 TELMSA Phase 1
- | 2001-2004 INSHURD/TELMSA 2 (IT-2)

IT-2 Objectives

- | Institutionalize a seamless education program in Land Management in southern Africa
- | Enhance facilities at Poly/CEAD/MLRR
- | Training Poly/MLRR/CEAD staff abroad (PM/M.Sc. at ITC/HIS and MBA at MSM)
- | Research program in Land Management
- | South-to-South fellowships

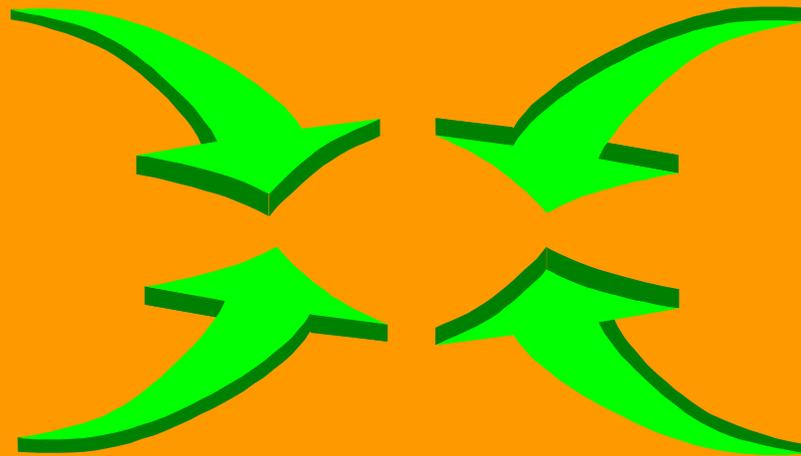
IT-2

clients and partners



- | Land Managing institutions in southern Africa
- | Training suppliers (international & regional)

IT-2 training partners



- | ITC (lead) NL
- | Polytechnic Namibia
- | UN-CEAD RSA
- | IHS NL
- | MSM NL
(with CPST/UNAM
Namibia)