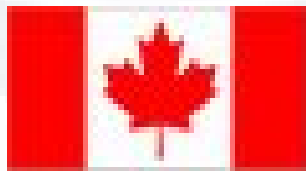




National Learners' Records Database: Presentation to the Portfolio Committee

Yvonne Shapiro

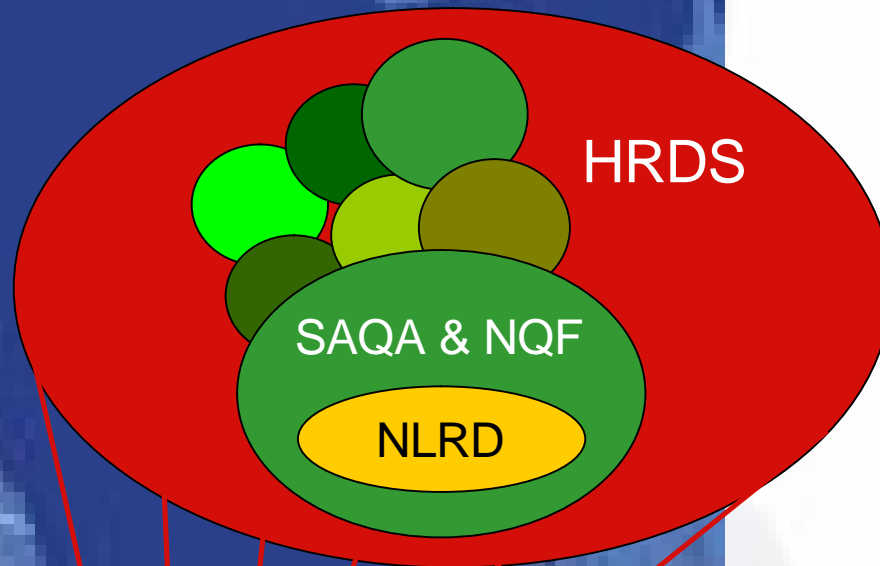
Director: NLRD



Presentation Outline



- “ NLRD in context; what it is and does**
- “ Qualifications and unit standards**
- “ Learners and their achievements**
- “ System protocols**
- “ National and International Cooperation**



NLRD in Context



What is the NLRD?

**An integrated information system to
facilitate the management of the
National Qualifications Framework (NQF)
- the first such system in the world**



The two main functions of the NLRD

- “ To provide policy makers with comprehensive information to enable informed decision-making
- “ To provide learners and employers with proof of qualifications obtained (own track of life-long learning)



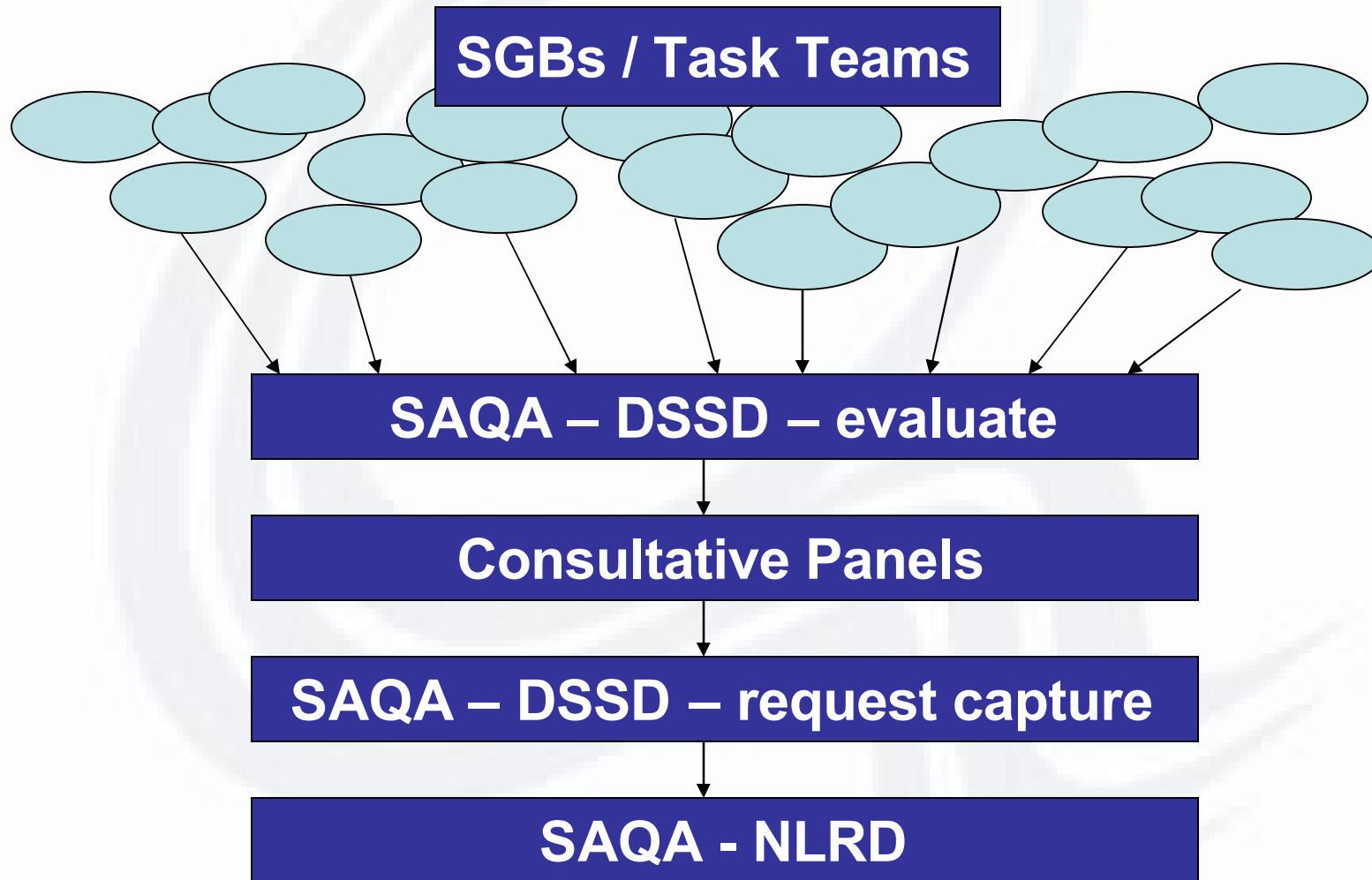
The two main streams of the NLRD

- “ **Qualifications and unit standards, and all of the resources that support them (such as NQF levels, Organising Fields, SGBs)**
- “ **Learners and their achievements, and all of the resources that support them (such as ETQAs, Providers, Assessors)**



NLRD Stream 1: Qualifications and unit standards

How to the NLRD (Qualifications and Standards)



Challenges and Solutions



Challenges

É Data Volume

É Data Integrity

- Many versions of each record at startup
- Ensuring the correct NQF Levels, Credits, Status

Solutions

- Data Cleaning Projects
- *Information Administrator* Learnership

Members recorded on the NLRD



É Qualifications and Unit Standards registered on the NQF

- More than 10 000 qualifications
- More than 11 000 unit standards

É Accreditation of ETQAs to quality assure qualifications

É Registered SGBs

- 35 current, 152 that have completed their work,
and 27 proposed

Information on Qualifications and Unit Standards

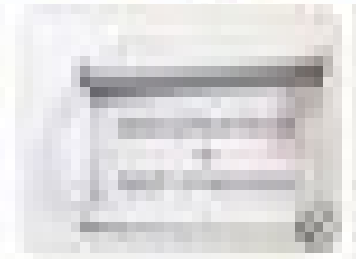


- “ **SAQA website:** *What:* seven searchable databases of qualifications and unit standards, including provider accreditations to offer these
Who: everybody
- “ **Further URL:** *What:* registered qualifications and unit standards for XML download (“NLRD’s XML URL Builder”)
Who: subscribers

For Qualifications and Unit Standards



The screenshot shows the SAQA website interface. At the top left is the SAQA logo. Below it is a navigation menu with categories like 'Home', 'About SAQA', 'What We Do', 'Our Services', 'Our Partners', 'Our People', 'Our History', 'Our Contact', 'Our News', 'Our Publications', 'Our Events', 'Our Training', 'Our Research', 'Our Statistics', 'Our Reports', 'Our Documents', 'Our Forms', 'Our Tools', 'Our Links', 'Our Footer'. The main content area features a large heading 'What's new at SAQA' followed by several news items. A red arrow points to a specific news item on the right side of the page.



“ Searchable Database (downloaded daily from the NLRD) of Qualifications and Unit Standards registered on the NQF, at www.saqa.org.za

“ Enquiries: quals_stds@saqa.org.za

South African Qualifications Authority

Qualifications and Unit Standards available for download

REGISTERED QUALIFICATION STANDARDS

Qualifications

The formal recognition of the achievement of the required number and range of credits and other requirements at specific levels of the NQF. Determined by the relevant bodies registered by SQA.

[Search for a Qualification](#)

Unit Standards

Registered statement of defined education and training outcomes and its associated assessment criteria together with administrative and other information as specified in the regulations.

[Search for a Unit Standard](#)

All qualifications and unit standards registered on the national qualifications framework are public property. That the one registered qualification may be made for them in its service and reproduction if it is separate and for material for profit if the material is reproduced or passed, the South African Qualifications Authority (SQA) should be acknowledged as the source.



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South African Qualifications Authority

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Search for Qualifications

Search for a qualification by name, level, or type. You can also search for a qualification by its unique identifier (UIC) or by its registration number (RN).

Qualification Title	Level	Registration Number	Unique Identifier (UIC)	Qualification Type
Advanced Certificate in Business Management	NQF Level 5	100000000000000000	100000000000000000	Certificate
Diploma in Business Management	NQF Level 6	100000000000000000	100000000000000000	Diploma
Bachelor's Degree in Business Management	NQF Level 7	100000000000000000	100000000000000000	Degree
Postgraduate Diploma in Business Management	NQF Level 8	100000000000000000	100000000000000000	Postgraduate Diploma
Master's Degree in Business Management	NQF Level 9	100000000000000000	100000000000000000	Master's Degree
Doctoral Degree in Business Management	NQF Level 10	100000000000000000	100000000000000000	Doctoral Degree

1 - 10 of 10 results

All qualifications listed on this website are registered with the South African Qualifications Authority (SAQA). For more information on the SAQA website, please visit [www.saqa.org.za](#). If you have any queries, please contact us at info@saqa.org.za or call us on 021 959 1000.

Registered Qual. & Unit Information page | Search Unit Standards

Registered Qualifications | Page 2 of 2

2024-01-20 10:24:00

Searched system for freight

Result: 08 of 8

Qual ID	Qualification Title / Learning Programme Title	NQF Level	Learning SubField	Standards Governing Body (SGB)	Field	Total Credits	Provider	ETQA	Is this a Learning Program?	Qualification-related efforts Learning Programmes is recorded
1220	Advanced Certificate: Road Transport Freight	Level 5	Transport Operations and Logistics		Field 11 - Services	120	Rand Afrikaans University	QCTE	No	
1221	Certificate: Road Transport Freight	Level 4	Transport Operations and Logistics		Field 11 - Services	120	Rand Afrikaans University	QCTE	No	
1222	Diploma: Road Transport Freight	Level 5	Transport Operations and Logistics		Field 11 - Services	120	Rand Afrikaans University	QCTE	No	
1223	National Certificate: Freight Forwarding	Level 3	Procurement	SGB Procurement, Logistics and Supply Chain Mgt	Field 03 - Business, Commerce and Management Studies	120		QCTE	No	
1224	National Certificate: Freight Forwarding	Level 4	Procurement	SGB Procurement, Logistics and Supply Chain Mgt	Field 03 - Business, Commerce and Management Studies	120		QCTE	No	
1225	National Certificate: Freight Handling	Level 3	Transport Operations and Logistics	SGB Transport and Logistics Operations	Field 11 - Services	120		QCTE	No	



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SOUTH AFRICAN QUALIFICATIONS AUTHORITY REGISTERED QUALIFICATIONS

National Certificate: Freight Forwarding

SAQA QUAL ID	QUALIFICATION TITLE		
12701	National Certificate: Freight Forwarding		
ORGANISATION	REGISTERED PROVIDER		
UDF: Procurement, Logistics and Supply Chain Mgmt			
QUALIFYING AUTHORITY			
UDF: Transport, Education and Training Authority			
QUALIFICATION TYPE	FIELD	SUB-FIELD	
National Certificate	Field 01 - Business, Commerce and Management Studies	Procurement	
ASSESSMENT	FOUNDATION CREDITS	TOP LEVEL	QUAL CLASS
Unassessed	00	Level 1	Regulation Only Based
REGISTRATION STATUS	SAQA REGISTRATION NUMBER	REGISTRATION START DATE	REGISTRATION END DATE
Registered	12701-120101	2010-01-01	2020-01-01
LAST DATE FOR ENROLMENT	LAST DATE FOR ACHIEVEMENT		
2020-01-01	2020-01-01		

FUNCTIONS AND RATIONALE OF THE QUALIFICATION

The purpose of the qualification is to provide learners with the conceptual framework to perform routine functions within the freight forwarding environment with minimum supervision.

NOTES

in the field that is at least one level above that of the qualification, or possess the technical expertise to address such a relevant CTPA or with an CTPA that has a minimum level of understanding with the relevant CTPA.

NOTES

Not

UNIT STANDARDS

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Core	1210	Apply a knowledge of basic Geographic Principles	Level 2	7
Core	1211	Organise mail in the workplace	Level 2	1
Core	1212	Apply freight procedures to imports and exports	Level 2	20
Core	1213	Apply Surface Cargo Procedures to imports and exports	Level 2	20
Core	1214	Calculate Customs values	Level 2	4
Core	1215	Calculate Duties and Tax payable on international trade goods	Level 2	4
Core	1216	Classify Commodities according to the Customs Tariff	Level 2	7
Core	1217	Evaluate and select freight Carriers and Agents	Level 2	7
Core	1218	Facilitate customs clearance in the Forwarding Context	Level 2	1
Core	1219	Function in a business environment	Level 2	4
Core	1220	Integrate and apply information conveyed in the workplace	Level 2	8
Core	1221	Maintain effective working relationships with other members of staff	Level 2	1
Core	1222	Pack, mark, document and handle Export Airfreight Hazardous Cargo	Level 2	8
Core	1223	Pack, mark, document and handle Export Hazardous Cargo (Surface)	Level 2	4
Core	1224	Apply Import, Storage and Demaged cargo procedures	Level 2	7
Core	1225	Track and Trace International Cargo	Level 2	7
Fundamental	1226	Accommodate academic and content needs in oral communication	Level 2	4
Fundamental	1227	Communicate verbally and non-verbally in the workplace	Level 2	4
Fundamental	1228	Demonstrate an understanding of the use of different number bases and measurement units and an awareness of any in the context of transport operations	Level 2	2
Fundamental	1229	Describe, apply, analyse and calculate shape and volume in 2 and 3-dimensional space in different contexts	Level 2	4
Fundamental	1230	Integrate and use information from texts	Level 2	7

on of the process just demonstrated



Go onto the SAQA website,
www.saqa.org.za .

Click on %Qualifications and Unit
Standards+, then on %Registered
Qualifications and Unit Standards +.

Click on %Search for a qualification +.

In the Qualification Title field, type the word
freight.

(Optional: click on %Display results as a
table+.)

Click on %Go+.

Explanation (continued)



This will show you all the qualifications on the NLRD with [%freight+](#) in their titles. If you wish to narrow your search, you can use one of the drop-down menus as well (e.g. NQF Level) - but it is suggested that you leave the search wide.

You can then click on each available Qualification ID to see its details, if required.

See also the [%Frequently Asked Questions+](#), and [%More Help+](#).

Frequently Asked Questions



- ” Why can I find what I am looking for?
- ” Can I download a list of titles and levels?
- ” Is this a static or a dynamic database?
- ” What happens when there has been an error and it has been corrected?
- ” What is the e-mail address for queries about the searchable databases?

quals_std@saqa.org.za

Information

Administrator Learnership



- ” Purpose: NLRD Data Quality and Data Capturing
- ” Now in its fourth round at SAQA

First round: 5 Learners (of 10)	Third round: 8 (of 8); 4 became SAQA staff
Second round: 5 (of 8)	Fourth round: 6 commenced Feb 2009

- ” Qualification: *National Certificate: Datametrics*
(NQF Level 5)
- ” Job Description:
Data Capture; Data Quality Manual; Study;
Maintain own Learnership Logbook

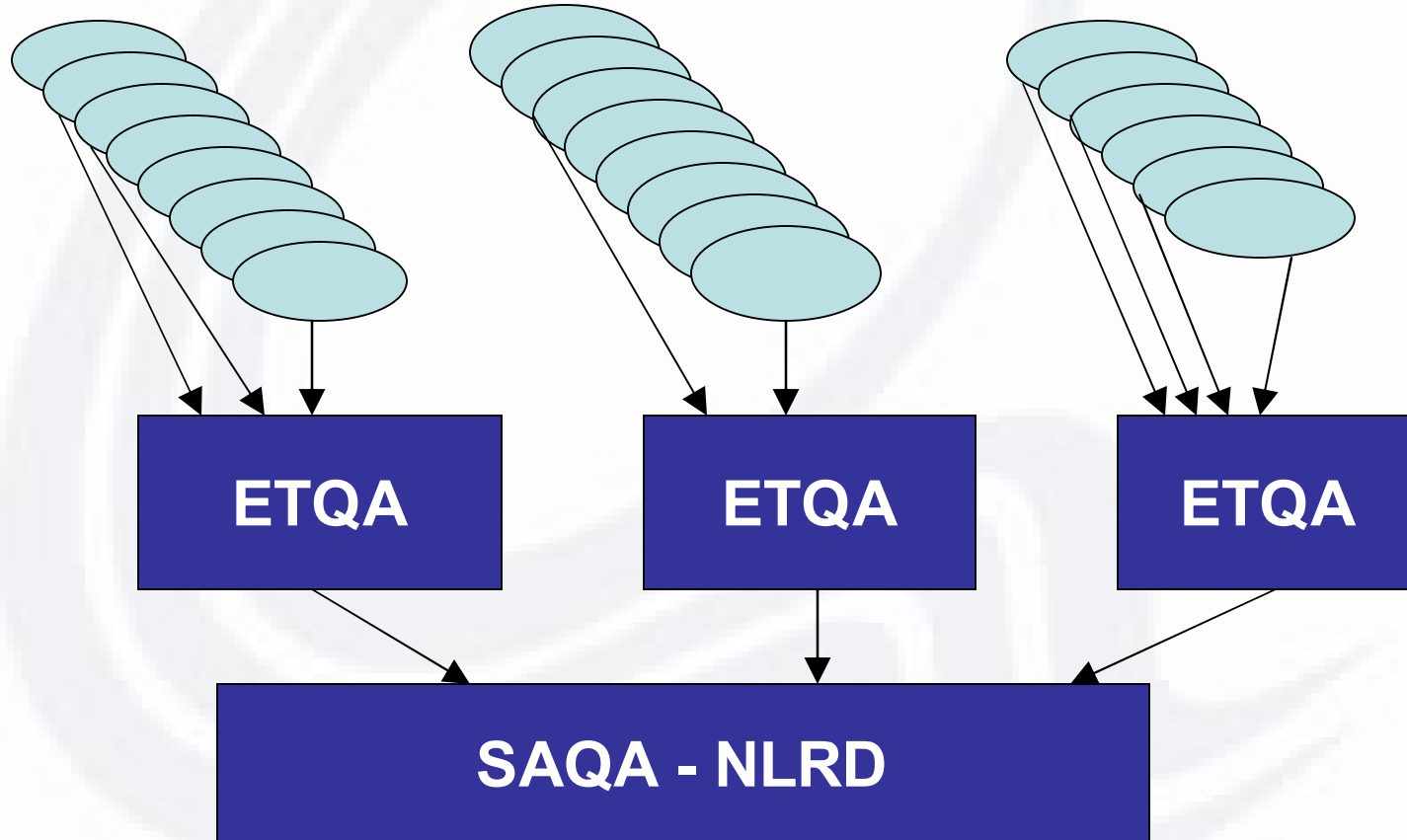


NLRD Stream 2: Learners and their Achievements

to the NLRD (Learner Achievements)



Providers



experienced in obtaining Learner data



- “ Almost all of the ETQAs have either built or bought excellent information systems
- “ The NLRD has comprehensive Load Specifications and excellent Data Loading Procedures

Major Challenges



- “ Many of the ETQAs do not own the skills to interpret what is expected of them
- “ Many of the ETQAs do not have the capacity to capture data correctly

Implemented, and their status



- “ **The *Information Administrator* Learnership is sometimes run at participating ETQAs**
 - Data quality has improved at those ET QAs that have (or had) Learnership incumbents
- “ **A Data/Learnership Coordinator is based at SAQA, with responsibilities:**
 - Training the Learnership incumbents
 - Managing and monitoring their progress
 - Testing the pilot datasets submitted by ET QAs and giving feedback

Implemented, and their status



- “ **Minimum Standard for data transmission**
 - Has assisted ET QAs; is a summary of what they must do
- “ **“League Tables” (Compliance / Performance) for ETQAs**
 - An excellent motivator
 - Compliance: 26 to 28 out of 31 ETQAs meet the Minimum Standard each time . %green+status
 - Performance: Varies between 11 and 17 %green+ETQAs
- “ **The “Edu.Dex” data testing solution has been provided to all ETQAs**
 - Very encouraging results; very popular with ET QAs

These solutions all say
the same thing ...



Communication

JK

i

s

Members recorded on the NLRD



É Learners

- 8.9 million

É Providers associated with Achievements

- Over 30 000

É Assessors

- Over 40 000

É Learner Achievements for all the learners

Information on Learners and their Achievements



- “ **Publications: *What:* aggregated NLRD data (NLRD Report 2: Trends in Public Higher Education in South Africa 1995 to 2004) *Who:* everybody**
- “ **Reports: *What:* quantitative data analyses, e.g. per ETQA *Who:* mostly ETQAs**
- “ **Customised Analyses: *What:* analyses requested by clients *Who:* clients**

Information on Learners and their Achievements



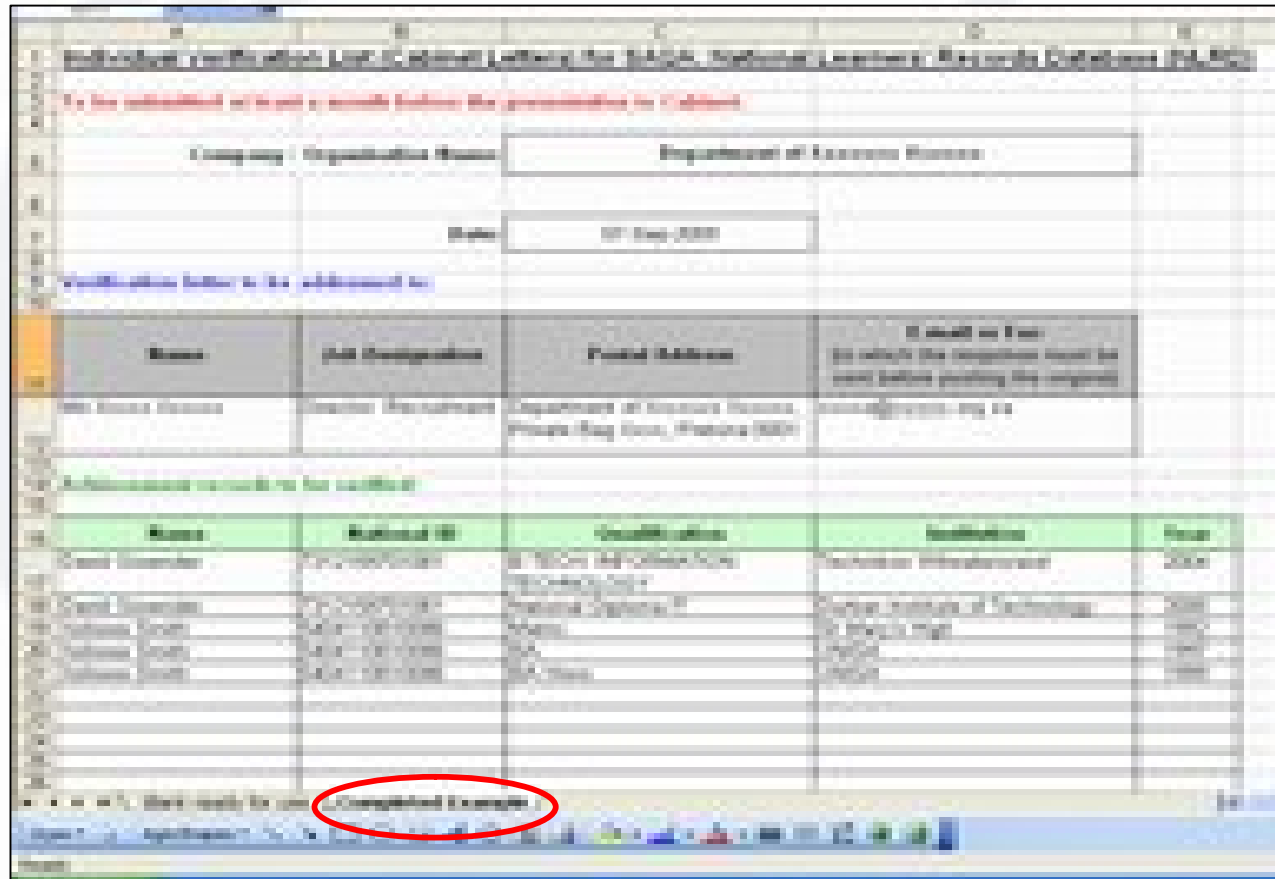
- “ **E-mail / phone:** *What:* verification of *own* achievements for learners (provided these are within available data)
Who: everybody verifications@saqa.org.za
- “ **E-mail / phone:** *What:* verification of *applicants'* achievements (provided these are within available data), individually or in bulk
Who: subscribers

This now includes all government departments ...

Document Verifications (Cabinet Letters)



The request is submitted, using the Excel template, to verifypublicservice@saqa.org.za



Company / Organisation Name	Department of Economic Affairs			
Date	01 Sep 2011			
Verification letter to be addressed to:				
Name	Job Description	Postal Address	It shall be the responsibility of the company to be verified to ensure that the information is correct before posting the original.	
Mr. Maseko Maseko	Director, Recruitment	Department of Economic Affairs, Private Bag 1053, Pretoria (0001)	011-333-1111	
A list of individuals to be verified:				
Name	National ID	Qualification	Verification	Pass
David Maseko	77-77-77-77-77	B.TECHNICAL EDUCATION (TECHNICAL EDUCATION)	Technical Education	2001
David Maseko	77-77-77-77-77	TECHNICAL EDUCATION (TECHNICAL EDUCATION)	Technical Education	2001
David Maseko	77-77-77-77-77	TECHNICAL EDUCATION (TECHNICAL EDUCATION)	Technical Education	2001
David Maseko	77-77-77-77-77	TECHNICAL EDUCATION (TECHNICAL EDUCATION)	Technical Education	2001
David Maseko	77-77-77-77-77	TECHNICAL EDUCATION (TECHNICAL EDUCATION)	Technical Education	2001

Document Verifications (Cabinet Letters)



Sample response



1 September 2018

Ms Mandy Mokoena
Director, Assessment
Department of Assessment, Education & Training
Private Bag 1193
Pretoria
0001

Dear Ms Mokoena

Verification for the Department of Assessment, Education & Training

The South African Qualifications Authority has been pleased to assist the Department of Assessment, Education & Training in the process of performing the verification.

The verification results are as follows:

Qualifications

Qualification	Number of Candidates	Pass	Fail
Business Systems	201	100	0
Business Systems	201	100	0

continues ...



Other Institutions:

Institution	Country	Year of Establishment	Year	Grade
University of Zimbabwe	Zimbabwe	1980	2008	BSc
University of Botswana	Botswana	1966	2008	BSc
University of Botswana	Botswana	1966	2008	BSc

Total of 200 credit hours earned at the previous level exceeding the credits of the program

Recommended reading for your statements:

The "General Education" was completed for the part of the program required at the Department of General Education. The qualifications include a Certificate in Environmental Health and a Certificate in Technology of Environmental Health and are based on the national curriculum of Botswana.

Student Statement of Intent to Enroll in the Degree

I, **[Name]**, do hereby declare that I am applying for the degree of **[Degree Name]** at the University of Botswana. I have completed the required credit hours and I am ready to enroll in the program.

Signature: _____
Name: _____
Address: _____
City: _____

Signature: _____
Name: _____
Address: _____
City: _____

SAQA

Trends in Public HE

- Trends by Broad Field of Study

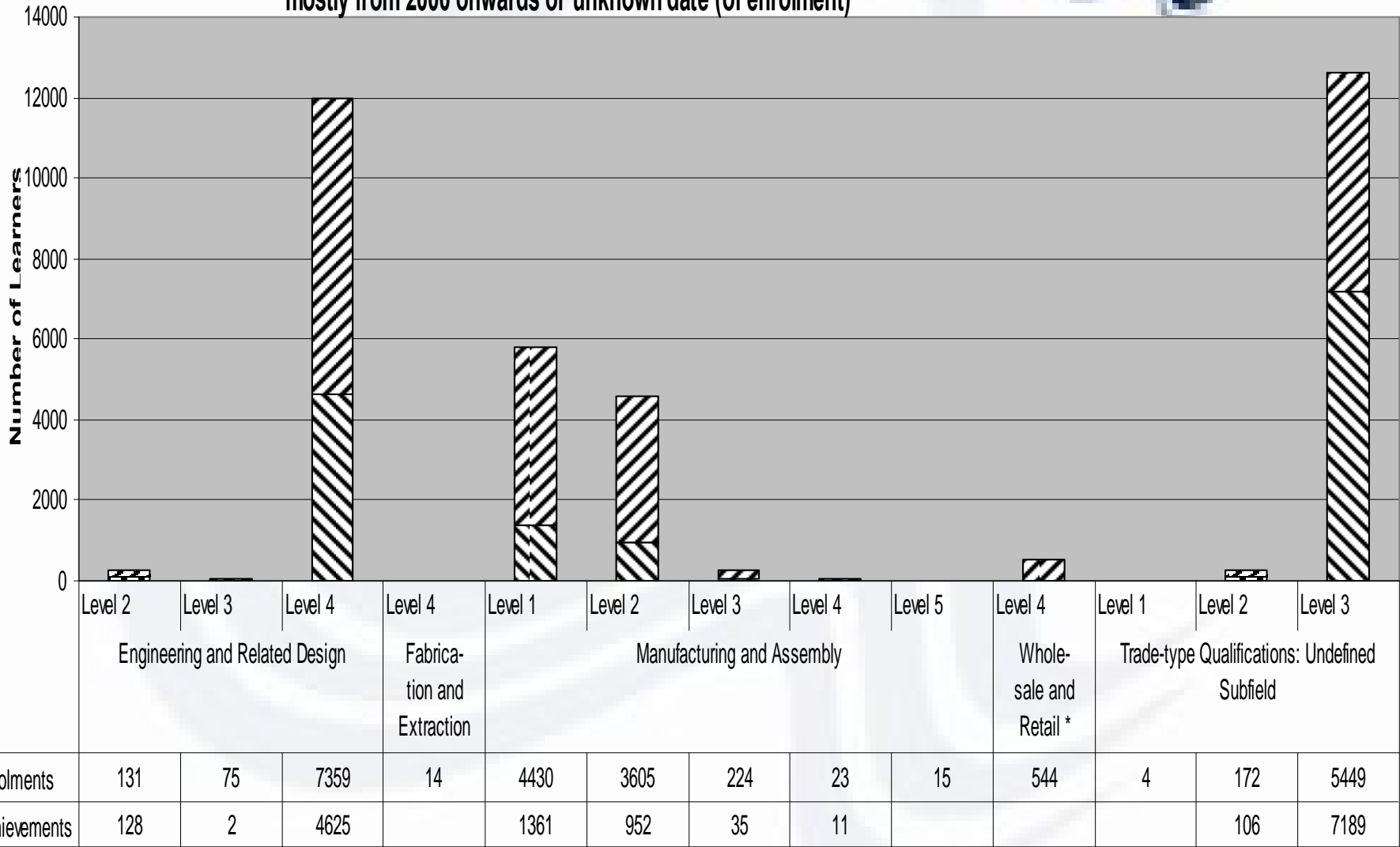


Largest average annual growth: Business and Management Sciences
Lowest average annual growth: Social Sciences and Humanities
Second lowest: Engineering Sciences and Technology

SAQA analysis: MERSETA Qualifications and Achievements



MERSETA Enrolments and Achievements against 79 qualifications, by Subfield and Level, mostly from 2000 onwards or unknown date (of enrolment)



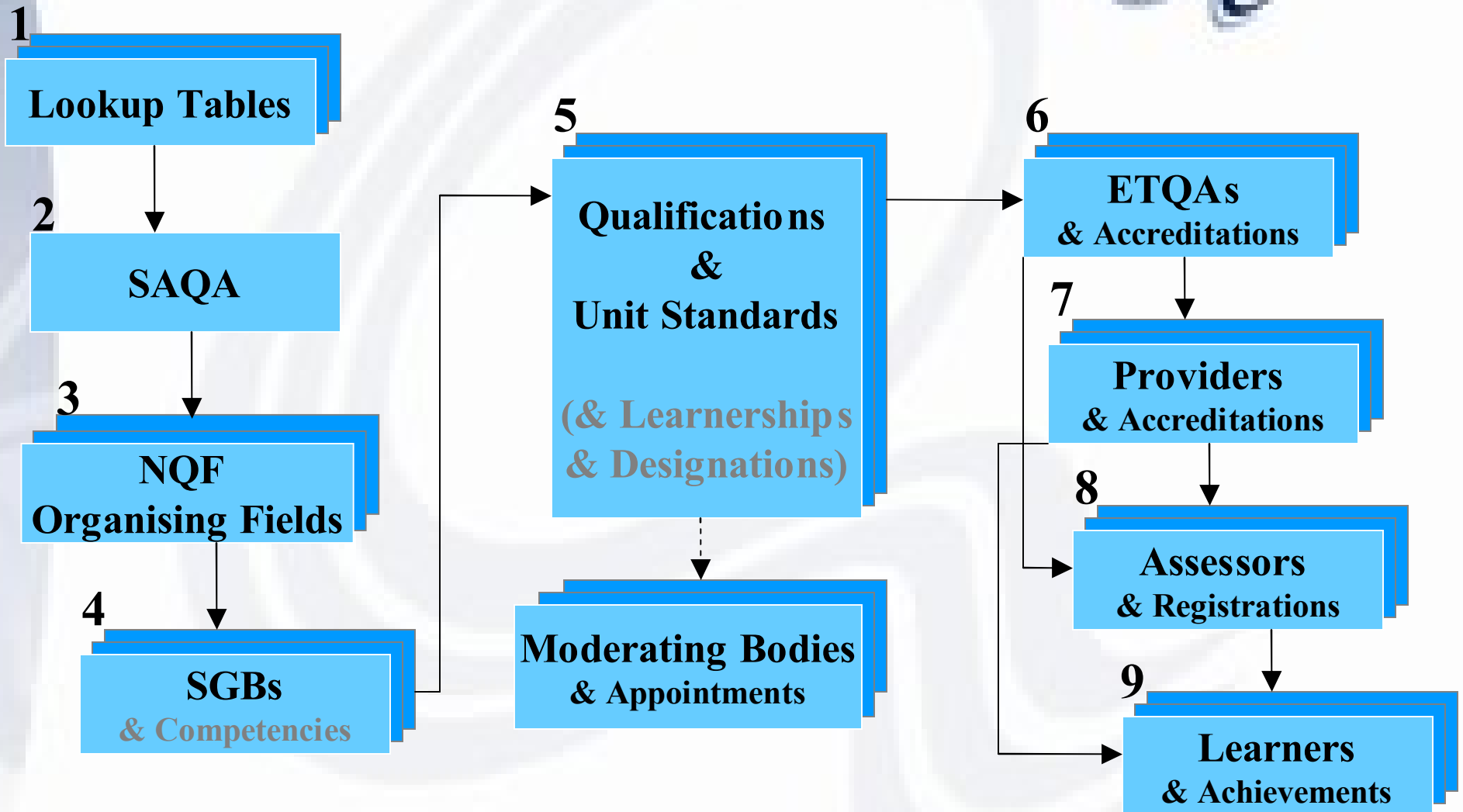
* Motor Sales & Support services

Comments on the Robustness of the NLRD as a System



- “ **Has an excellent Data -Model**
(which is being even further improved,
as Version 2 is implemented in stages)
- “ **Was rebuilt after a devastating
crash (2004)**

Workflow





NLRD Functionality

- ” **Online Data Entry**
- ” **Off-line: Appends or Edits via Scripts**
- ” **Batch Loads of Data**
- ” **Data Access (internal & external)**
- ” **Search Capability**



User Profiles



- “ **An “organisational group” (including a security level) is defined for each aspect of the NLRD, including each new development**
- “ **User profiles are carefully set up, linked to organisational groups, according to job type**
- “ **All NLRD Staff and the Database Administrator have Read-Write access (at different levels)**
- “ **Other SAQA staff have Read Access only (at different levels)**
- “ **ETQAs and SGBs do not have direct access; they submit data as per the diagrams above, and can request certain types of extracts**

Change Protocols



“ ***No shared platforms***

“ **Incoming:**

Learner Data from ETQAs: text files, fixed length records, encrypted and FTPed by Edu.Dex

Qualifications and Unit Standards: MS Word, captured on-line

“ **Outgoing:**

Data analyses (Excel / Access / PDF)

Raw data (Excel / Access), except re learners

Searchable databases

XML

Backups and Security



- “ Full system backup made weekly, and taken off-site (have recently upgraded the tape drives used for these) – restore has been successfully tested off-site
- “ Incremental backups made in between
- “ Data dump to DVD made weekly, and taken off-site
- “ The NLRD has two instances: Production and Testing (used for development, data testing a training). The Testing instance is cloned from the Production instance, at least monthly.

Co operation

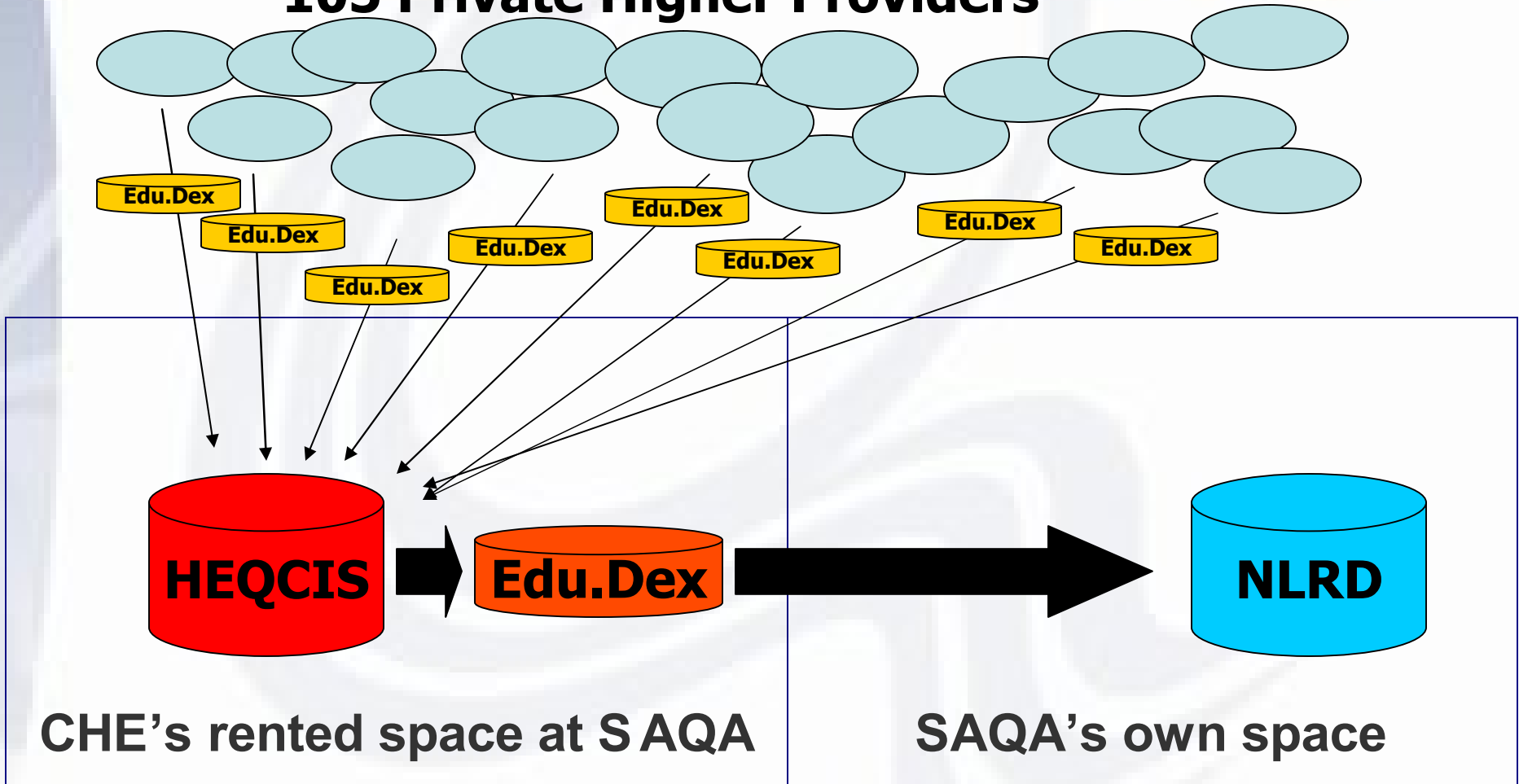


- **Department of Labour (ESSA)**
- **HRDS**
- **DoE's Education Information Standards**
- **SACE**
- **Kha Ri Gude**
- **HEQCIS ...**

EQCIS



105 Private Higher Providers



CHE's rented space at SAQA

SAQA's own space

HEQCIS Manager ó Phuti Semanya

International Assistance



Countries being assisted by S AQA to develop own systems:

- **Mauritius**
- **United Arab Emirates**
- **Seychelles**

Other international assistance:

- **European Qualifications Framework**
- **Namibia**
- **Botswana**
- *Presentations given to Angola, Kenya, Palestine, Ghana, and many more*

Conclusion



The NLRD has come into its own as one of South Africa's key resources:

- “ tracking the paths of individual learners;**
- “ informing policy-making and decision-making in education and training, and labour market analysis**



*Your complimentary
use period has ended.
Thank you for using
PDF Complete.*

[Click Here to upgrade to
Unlimited Pages and Expanded Features](#)



Thank you

Yvonne Shapiro

Director: NLRD

