

CHIETA's Credible Mechanism For Skills Planning, Presentation To LMIP Roundtable, 5 August 2015 Acting CEO, Ayesha Itzkin,

The catalyst for skills, economic growth and employability

#### WHY THE NEW ONLINE SKILLS PLANNING PLATFORM?

Challenges before electronic platform was developed:

- Company consultation on WSP very difficult to confirm Unions and business sometimes not finding each other
- WSP information submitted by company to obtain mandatory grants could not be confirmed as accurate and often lacked credibility
- Through the electronic platform, many challenges of the manual system were obviated.
  - No longer heavily paper driven or labour intensive, also for SDF
  - Time consuming nature of preparation of WSPs, evaluation, MG pay-out, scarce and critical skills analysis for SSP and for DG funding
  - Difficulty of evaluation and credibility of data
  - Difficulty of evaluation and credibility of data
  - The usefulness and reliability of the information both to CHIETA and the company questionable
  - Lack of standard classification of existing competencies and gaps
  - Difficulties experienced at company level yielded far fewer WSPs as compared to now
  - CHIETA did not know if it was allocating funding to the right training and development areas
  - Compliance to various legislative requirements is now assured as rules are built in
  - Another level of monitoring of deliver now available
- Information about the member company's investment in training (both financial and developmental per employee) was not clear.

#### CONCEPTUALIZING AND DEVELOPING THE CREDIBLE MECHANISM FOR ONLINE SKILLS PLANNING & REPORTING

- 2010-CHIETA recognised the importance of doing something concrete to obtain good quality data for skills planning and addressing the needs of companies
- CHIETA recognised the criticality of obtaining credible qualitative and quantitative sector data for skills planning and ensuring optimal ROI on Skills development and considered allocation of training grants
- Started in 2011 with design of the electronic platform customised to CHIETA and company needs for collection, analyses and aggregation of detailed employee data from its source from employers administration systems for WSP-ATR purposes
- Concerted effort to ensure continuous improvement of data from 2011 and continuous improvement over the years, based on experience and incorporating new developments, regulations etc
- Compliance with a myriad of legislation required
- Central to achieving success is capacity building targeted at company level of practitioners and committees (SDC's) throughout the skills planning cycle for WSP, DG applications and for understanding the skills development language, how the Organisation Framework for Occupations (OFO) works, its value, etc
- OFO is central to this electronic process and is utilised at the 6 digit level)
- Companies understood that the OFO was a useful categorisation tool that ensured standardisation and common language for skills planning purposes in the sector, and they now work well with it, the guessing game is gone!

#### **ONLINE SYSTEM SUPPORTS COMPLIANCE REQUIREMENTS**

of public assets	
Banking details are captured on the system by companies. Upon receipt of hard copy of proof of baking details, the finance specialist will approve the banking details on the system. Payments are made with banking file created from the system, hence payments are made only to approved, authorised accounts.	e new
Various levels of approvals for payments on they system, ensure that managers at all levels are held accountable.Performance information is captured on the system per learner. Hard copies are filedCHIETA achieved so commitment in the 2014-2015	
Ensure accurate information at a click of a button systemGeneral compliance rules are built into the systemCHIETA allocated S grants to PIVOTAL	
Sophisticated system minimises risk of .	

#### BUILDING A VALUE-CHAIN DRIVEN OFO CODING BASED CREDIBLE MECHANISM FOR SKILLS PLANNING

Purpose of developing the online system:

To obtain credible , valid and auditable information on all employees at member companies, their competencies, training needs, demographics, company training spend, and how to optimally allocate CHIETA funding, monitor progress, etc. Online system must be used to access CHIETA funding. Another solution available for small companies.

Therefore we needed to have available:

Source Data Collection from the HR desks at companies to obtain:

- Occupation Profiles
- Employee Job Profiles
- Business Unit Matrices
- Skills Audit information for future planning
- Career Guide
- Individual worker development and Organisation Development Plans for growth pathways

To get a full understanding of who is being trained for what, by who, where, when and what more is needed for the company and its employees to create a skilled and capable workforce for the South African economy.

#### How Is CHIETA CREATING THE CREDIBLE ONLINE SYSTEM FOR SKILLS PLANNING

Source Data WSP/A TR

Occupation Handbook / Employee Job Profiles

Business Unit Matrix

Skills survey

Career Guide

- Skills planning process is informed by detailed, reliable, accurate and auditable data, and is open and transparent, allows understanding of the existing skills of each employee and interventions needed. How? By obtaining actual source data per employee from each member company.
  - Clear understanding of the skill sets required by the organisation and by industry
  - Training interventions are fit-for-purpose
  - Training plans are systematic and targeted
  - Career planning
  - Matching supply and demand
- Improved ROI on training spend
- Member company's investment in training (both financial and developmental per employee) is now reflected clearly in the source data too
- 1<sup>st</sup> Trends Analysis Report published in 2014

Individual / Organisation Skills Profile

**CHIETA Supply** 

side database is

## BUILDING BLOCKS FOR A CREDIBLE MECHANISM FOR SKILLS PLANNING

- Source Data Collection from the HR desks at firms, followed by analysis and interpretation of accurate training and development data
- Occupation Profiles
- Employee Job Profiles
- Business Unit Matrix
- Skills Audit
- Career Guide
- Individual worker development and Organisation Development Plans available
- Trend analysis possible
- Impact can be measured

## **Source data - company verification-How?**

# **KEY BENEFIT: TAKE THE SLOG OUT OF WSP/ATR/PIVOTAL PLANNING PROCESS AND SUBMISSION AT THE COMPANY AND PROVIDES VALUE ADDING INFORMATION FOR DECISION MAKING PURPOSES**

- Previously, companies reluctant to supply data, now they provide it from the company's payroll and salary administration systems (e.g. SAP, VIP, etc)
- Now, much like the SARS e-filing system, a verification process is conducted on various levels in the company including, CEO, CFO, Senior Training Manager
- Problematic submissions automatically returned to company,
- Verifications include inter alia:
  - Check and confirm member company registration and SDL No
  - Check and confirm banking details signed of by highest level at the company
  - Confirm company approved SDF
  - Programmatic check against levy history and details
  - Verify previous delivery history
- WSP/ATR/PP automatically generated after source data is loaded
- System generated approvals and payment module for MG and DG
- Commitment schedules real time, online
- Able to send communication to all participating companies via the system at the press of a button
- Small companies also able to participate

## How Has CHIETA PROGRESSED?

- Source Data Collection **√**
- Occupation Profiles
- Employee Job Profiles
- Business Unit Matrix
- Career Guide **v** (Planned 2015),
- Occupational Handbook available
- Individual and Organisation Development Plans V
  Skills Audit still coming (Individual training needs analysis)

#### BUSINESS UNIT MATRIX – RELATES TO TYPICAL CHEMICAL SECTOR ORGANISATION VALUE CHAIN

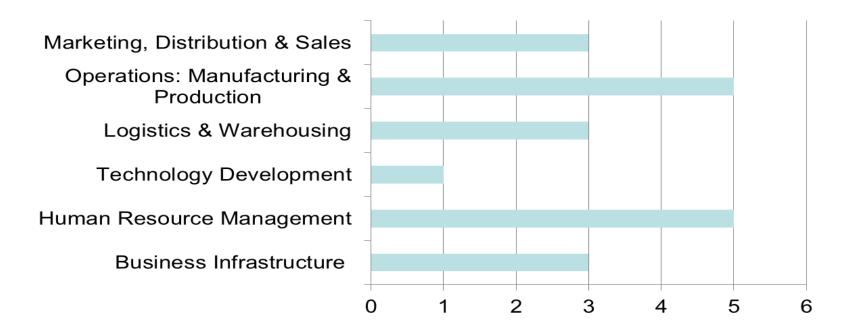
- A value chain is a sequence of processes that an organisation needs to complete in order to perform its function
- Research conducted via the platform in 2014 has identified the following business unit clusters as being of relevance in the Chemical Sector:
  - Business Infrastructure
  - Human Resource Management
  - Technology Development
  - Logistics & Warehousing
  - Operations: Manufacturing & Production
  - Marketing, Distribution & Sales
- The OFO clusters jobs but it still does not tell us where in the value chain these occupations operate. E.G. Is a Manufacturing Manager functioning in the Technology Development or Operations space? Though qualifications could be the same the level of specialised development for the specific focus of the value chain will differ
- In the absence of a detailed Training Needs Analysis or Skills Audit, the Business Unit Matrix gives a good indication of the developmental areas per occupation
- The Business Unit Matrix helps to identify feeder occupations and progression paths per occupation

CHIETA, The Catalyst for Enhanced Skills, Economic Growth and Employability

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Business Unit Clusters		Business Unit
Business Infrastructure		General Management
		Accounting
		Finance
		Strategic Planning
	How	Administration
Human Resource Management		how old are they,
		Administration
	whe	einicanoyou utilise them
Technology Development		Occupational Health and Sefery Research and Development (R&D)
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		Service and Maintenance

BUSINESS UNIT LINKED TO OCCUPATIONS TRAINING AND DEVELOPMENT BUDGET – THIS INFO SHOWS WHERE THE ORGANISATIONS TRAINING BUDGET IS BEING SPENT, (ALSO OBTAINED FROM SOURCE DATA SUBMISSION BY THE COMPANY)



#### AREAS COVERED BY SOURCE DATA SUBMISSION : PRE-SKILLS AUDIT PROJECT

- Prepares organisations to conduct their own detailed training needs analysis or skills audit
- Consolidates the following sources of information into a pre-skills audit report that can assist in skills planning process:
  - CHIETA's Occupation Handbook
  - WSP-ATR Mapping Review per Chamber
  - CHIETA's Occupation Scope Definition
  - CHIETA's Qualifications Matrix
  - CHIETA's Business Unit Matrix
  - Company's WSP / ATR Source Data
- Creates a Job Profile for each employee linked to the Occupation Handbook

#### **PRE-SKILLS AUDIT PROJECT INPUTS**

#### PURPOSE OF THE CHIETA OCCUPATIONS HANDBOOK

The CHIETA Occupations Handbook provides a standardised and detailed update of occupational profiles considered important within the chemical sector, located within the OFO. It is a working document for the sector that contains occupations and related output or competence indicators the chemical sector requires to perform its core functions, including key support occupations in the sector. The information defined in the profiles forms the baseline for skills development planning and reporting.

## **PRE-SKILLS AUDIT PROJECT INPUTS**



#### Towards the Establishment of a Credible Institutional Mechanism for Skills Planning within CHIETA:

Defining the CHIETA's Scope in terms of Occupations.

## **PRE-SKILLS AUDIT PROJECT INPUTS**



#### WSP/ATR Job Title-to-OFO Occupation Mapping Review

## **PRE-SKILLS AUDIT PROJECT INPUTS**

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#### **PRE-SKILLS AUDIT PROJECT INPUTS**

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-	299	X	X	Electronics Engineering Technicians [Includin	g Comp	3114	24	0	4	0	36	75	19	2	8	168									X		X	

#### **PRE-SKILLS AUDIT PROJECT OUTPUTS**

- **Pre-Skills Audit Report** consisting of:
  - Employees linked / not linked to Handbook
  - Race / Gender/ Age / Qualification / Employment Equity
    Profile per Occupation
  - Planned and Actual Training Beneficiaries per Occupation
  - Planned and Actual Training Cost per Occupation
  - Detailed occupation profile from handbook

## **PRE-SKILLS AUDIT PROJECT OUTPUTS**

## Sample of a pre-skills audit report

## **PRE-SKILLS AUDIT PROJECT OUTPUTS**

- Job Profile per Employee consisting of:
  - Purpose Statement Is this what you do?
  - Tasks / Outputs Learning Requirements?
  - Knowledge Learning Requirements?
  - Professional Registration Continuous Development?
  - Qualifications Suitability / Job Fit?
  - Feeder & Progression Occupations Career planning?
  - Value Chain Utilisation (Business Unit) Specialisation tailored for specific outputs?

#### **OCCUPATION HANDBOOK MAPPING TOOL INTEGRATION-GAP ID**

ase enter search crit	teria for occupation	on:	Please click	on Occupation for more information:		_
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O Major Group	3	TECHNICIANS and J	ASSOCIATE	ROFESSIONALS		CHIETA Handbook –
		perform mostly techn government or busine		ed tasks connected with research and the a is.	application of scientific or a	Profile Indicator
O Submajor Group	33	Business and Admin	nistration Ass	ciate Professionals		
counting and transa	ction matters, ma	thematical calculation	is, human re	al tasks connected with the practical application of the practical applica	ncial instruments, specialised se	
O Minor Group	335	Regulatory Governm	ment Associa	e Professionals		
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O Unit Group	3359	Government Regula	atory Associa	e Professionals not Elsewhere Classified		Considerations
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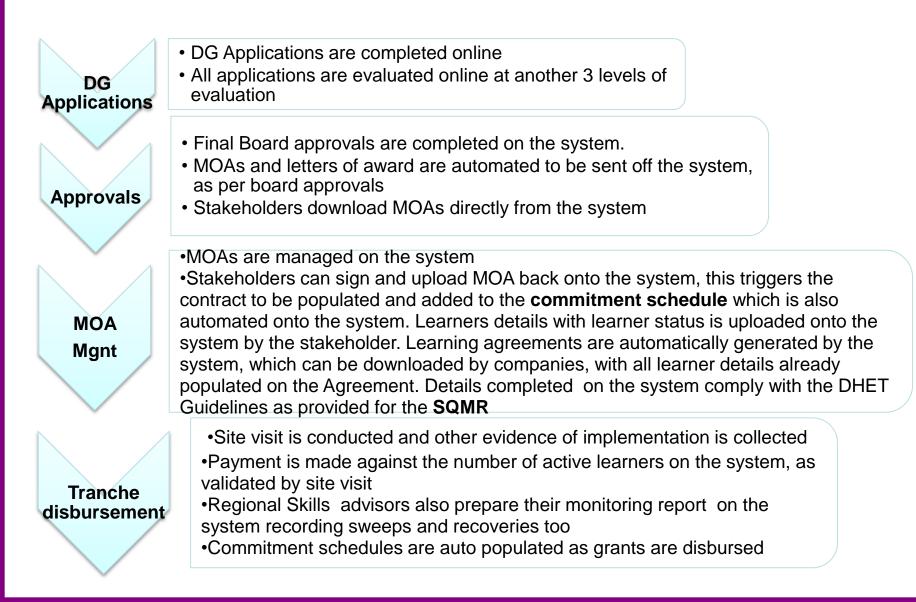
### CREDIBLE MECHANISM FOR SKILLS PLANNING KEY SUCCESS INDICATOR

- Value-Driven versus Compliance-Driven Skills Planning
- Companies use the electronic platform and participation for mandatory grants has increased.
- Enables CHIETA to be the Authority on skills planning credible, actual sector data available on an aggregated and disaggregated level
- A key test for a truly credible mechanism for skills planning, is that it will continue to exist, even in the absence of legislation.

#### Additional benefits of CHIETA 's electronic skills planning platform

- WSP is generated automatically from the source data when company submits source data
- WSP / ATR submission numbers prior to electronic system implementation over 4 years: 510, 626, 715, 764
- Employer satisfaction survey very positive feedback on satisfaction levels
- By creating the occupations handbook, we have assisted companies to ensure that establishment of benchmarked occupational profiles, tasks, competencies are available— designed to ensure skills gaps are better identified and return on investments for training interventions is maximized
- Online process in comparison to manual cost saving, ease of analyses, rules and legislative requirements programmed into CHIETA's on line platforms realizing much greater efficiencies and cost minimization
- Set of rules built into the online CHIETA platform allows CHIETA to analyze seamlessly, in real time on submission, time saving and enables faster decision making and generation of contracts for grants.
- The system is recently aligned to the Quarterly Monitoring Reporting processes

#### **ONLINE DISCRETIONARY GRANT APPLICATIONS AND MANAGEMENT**



## **QUESTIONS?**