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Extractive Industries and Sustainable Job Creation

Developing local skills in Sudan's extractive industry

By

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The views expressed are those of the author and do not necessarily reflect
the views of UNCTAD.



Republic of Sudan Ministry of Minerals Rida Mining Company

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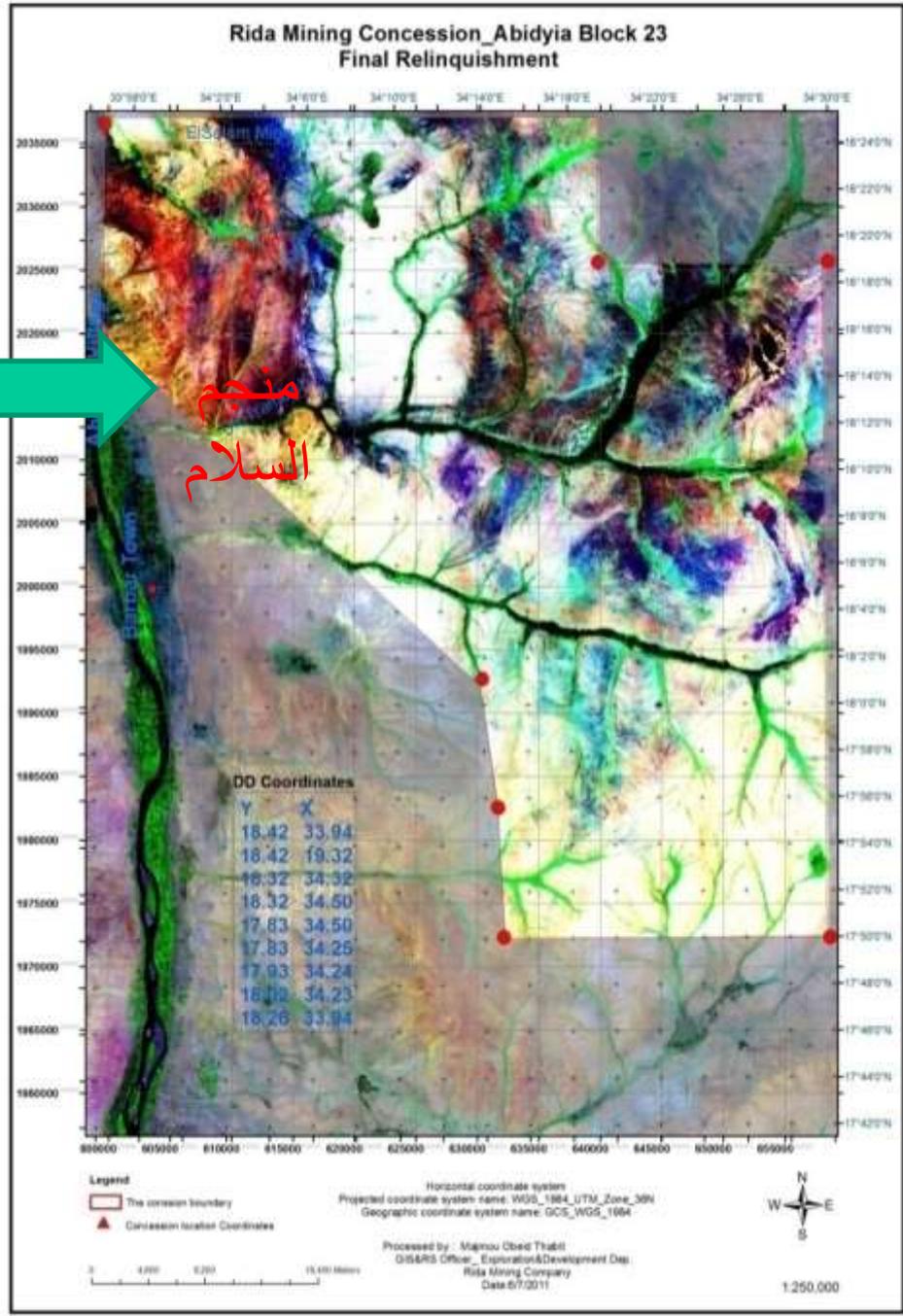
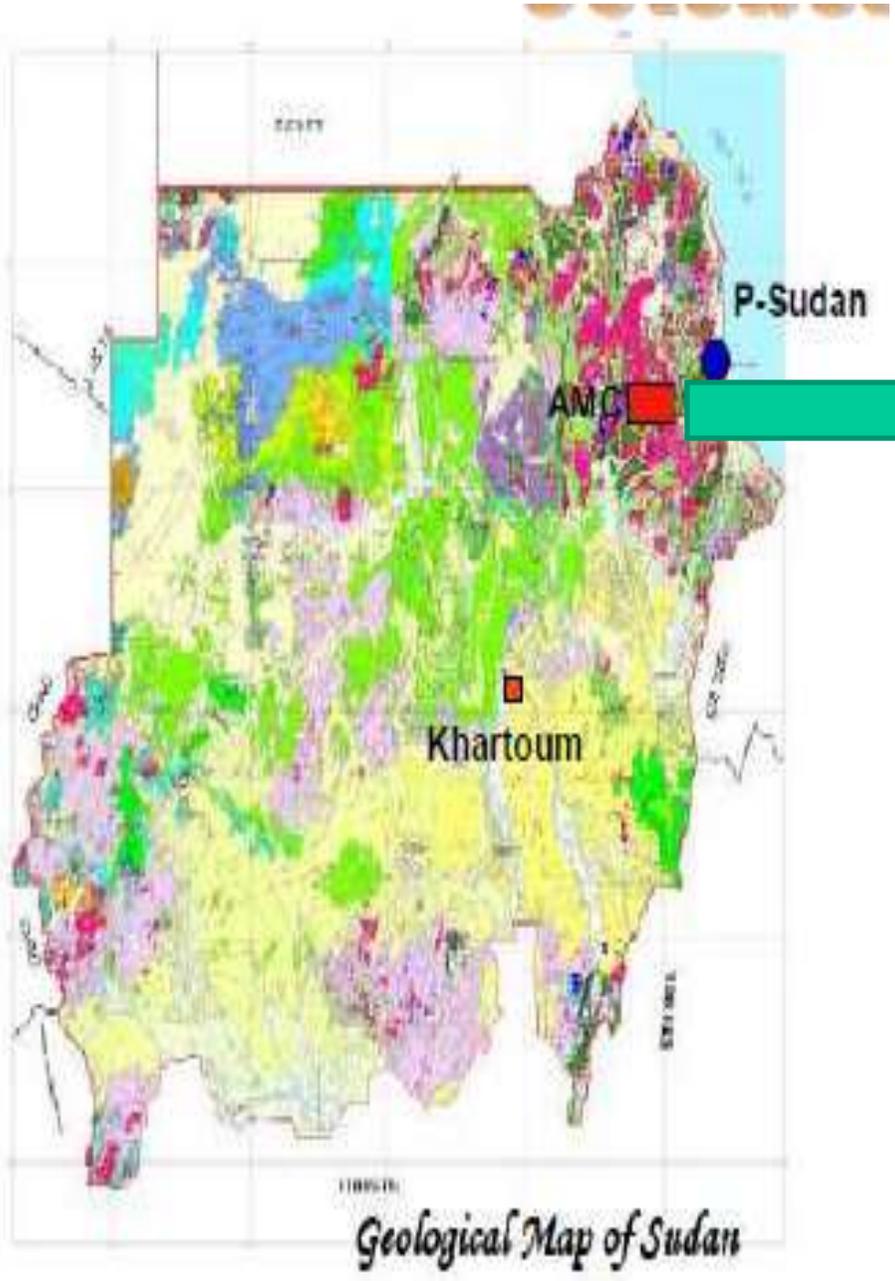


Cubic Globe

- **GENERAL OVERVIEW**
- **MINE INITIATION HISTORY**
- **RIDA PROJECT LIFE CYCLE**
- **DEVELOPPING SKILL OF INDIVIDUALS**
- **ELEMENTS OF TRAINING PLAN**
- **HEALTH & SAFETY SUBJECTS**
- **ARTISANAL TAILING REPROCESSING PLANTS**
- **CREATED JOBS & STATISTICS**

Rida Mining, a private national company pioneer in mining and mineral extractive industry and currently operating three plants:

- Assalam Proper Mine (Abidiya Area) , to extract gold from auriferous deposit.
- Chromite ore production, Ingassena, Blue Nile State.
- 6 Gold Extractive Plants from Artisanal Tailings within 4 states of Sudan.
- The company employs > 2000 person to operate these activities.



Rida Mining, financing & performing the whole project life cycle depending only on experienced and technically skilled Sudanese staff to carry out the followings:

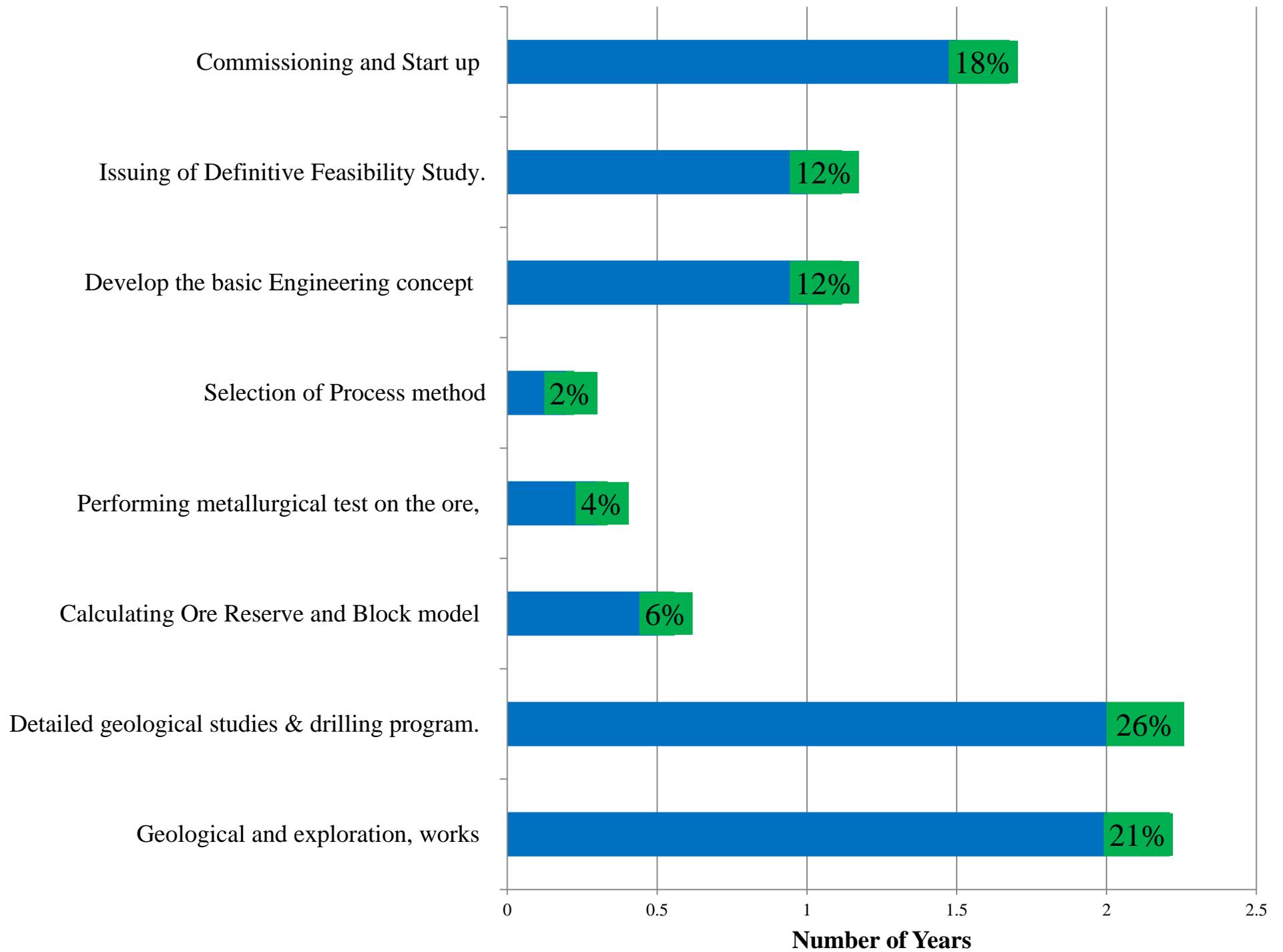
- Geological and exploration.
- Reserve estimation & Mine Optimization .
- Metallurgy & processing technique to extract gold.
- Engineering, design parameters and process flowchart.
- Feasibility Study, equipment procurement.
- Construction and gold production November 2009.

All these studies were carried by Sudanese expert except the Engineering phase which was performed in cooperation with (Time Mining SA).

RIDA PROJECT LIFE CYCLE 2000 - 2009

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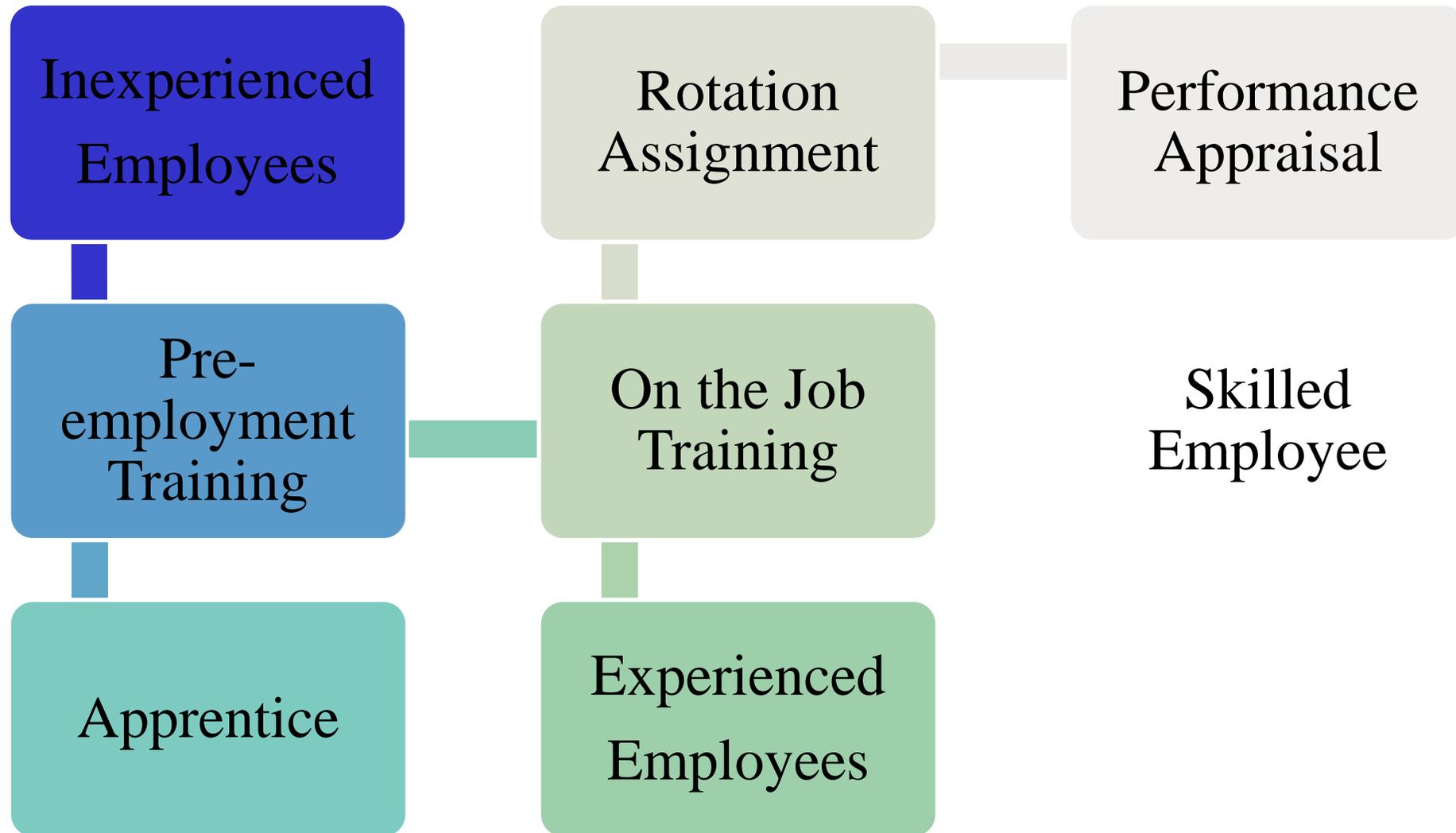


Mining Project Initiation Cycle



Rida is devoted to have highly skilled personnel to meet the company`s current and future manpower needs cycled as:

- Pre-employment training programs for newly hired university graduates and inexperienced.
- On the Job training, teaching individual how to perform his job
- Rotation Assignment, rotate an employee within his department or in different location.
- Individual Skill analysis to retain the position

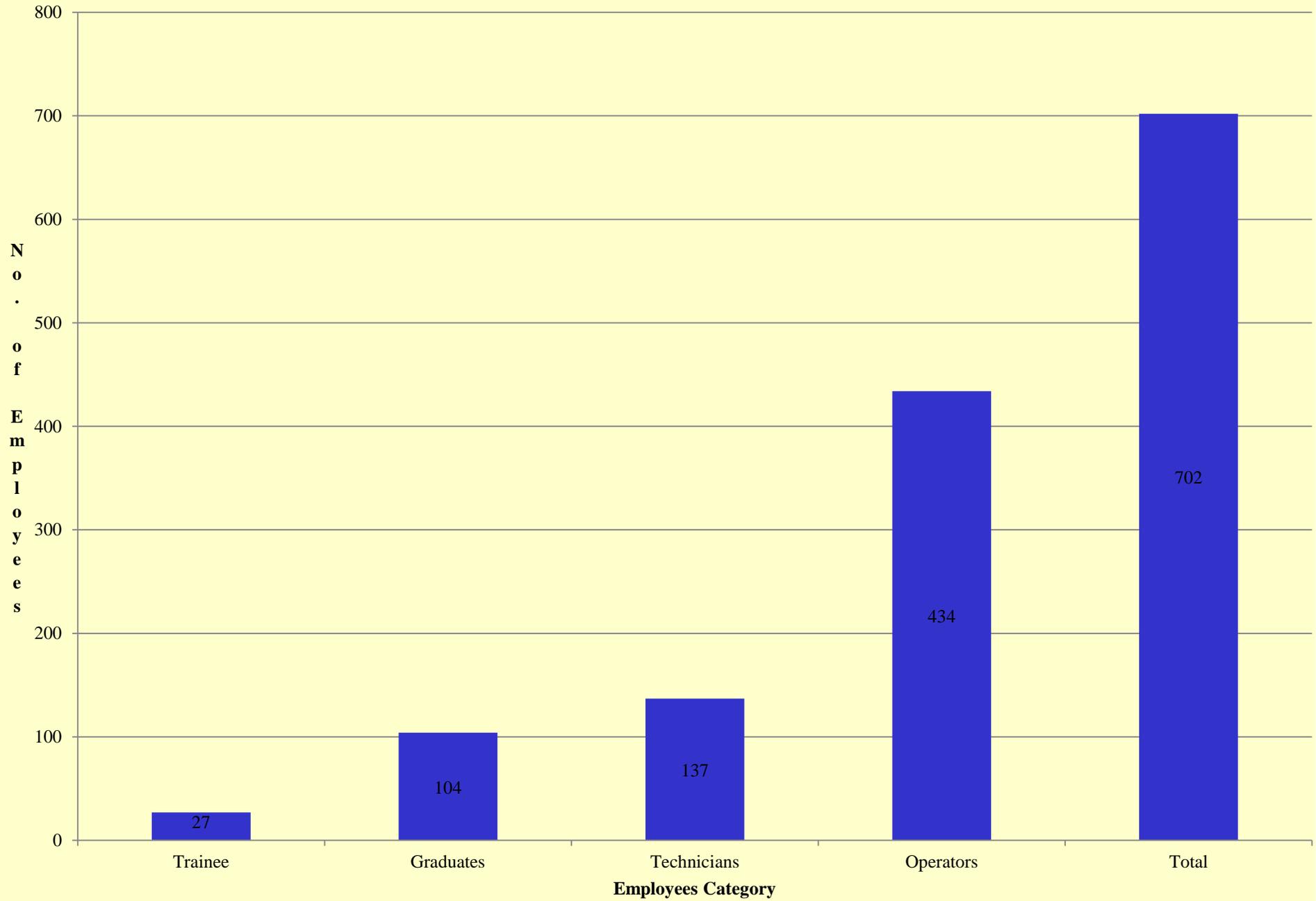


Class Room Training	Site Visit Training
Lecture with aid of PowerPoint presentation	Guided Visit to the designated plant
Explanation of the operation manuals	Visits to one or two operating plants
Familiarization with the process flowchart & layout drawings.	Visit of the respective section of the plant where person is assigned to work
Familiarization with particular equipments through documents	Workshop hands with particular equipments disassembled

- ❖ General Health & Safety training
- ❖ Technical equipment training
- ❖ Protective Personal Equipment (PPE)
- ❖ Handling dangerous substances
- ❖ Good housekeeping
- ❖ Recycling water monitoring
- ❖ Cover a range of issues identified through consultation
- ❖ Targeted and tailored courses to suit needs



***RIDA MINING - UM DORMAN COMPANY
ASSALAM MINE JOB CREATION RATE***

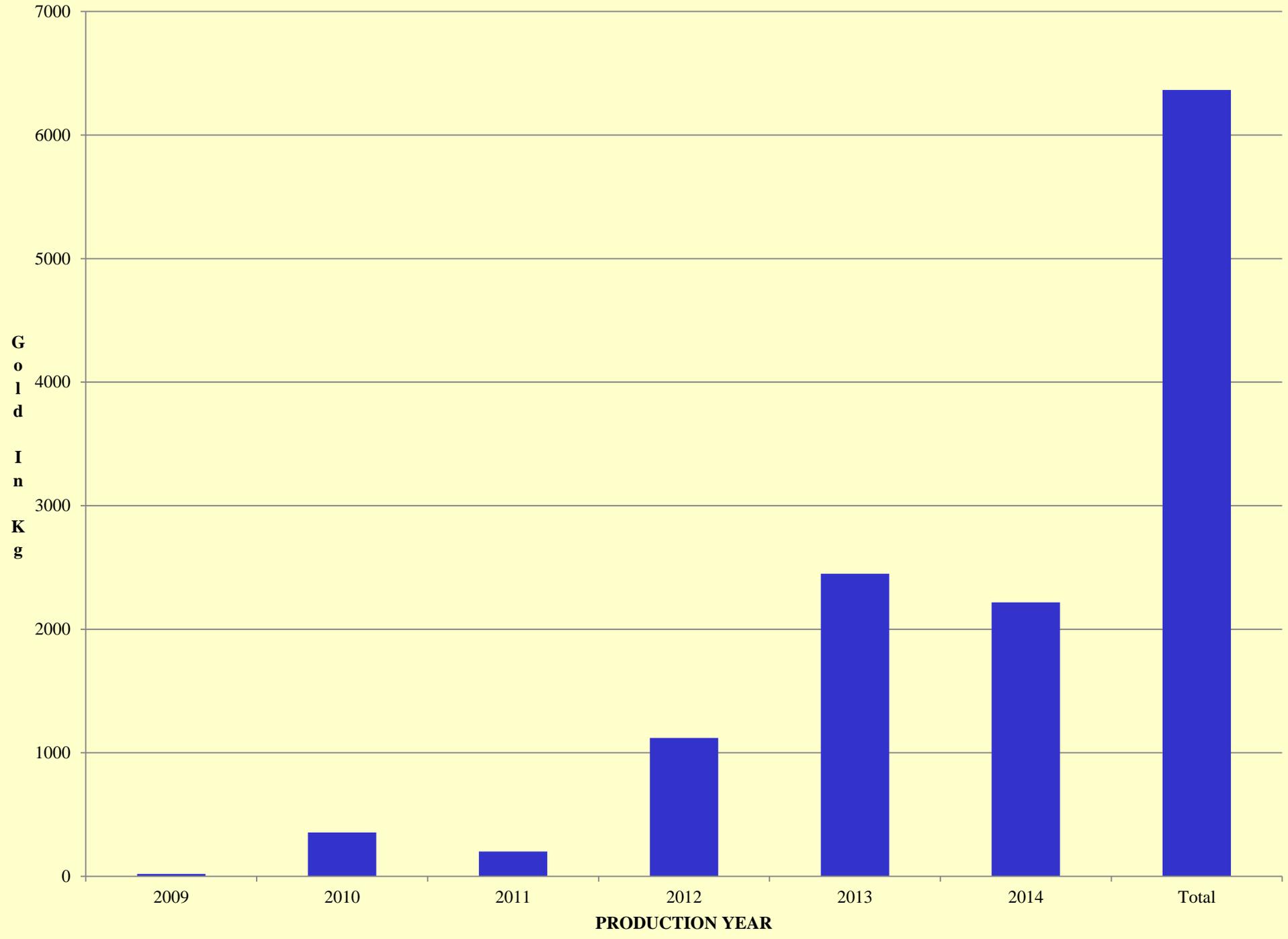




BLOCK 23 MINE GOLD EXTRACTIVE PLANT



ASSALAM MINE GOLD ANNUAL PRODUCTION



- *Rida Mining is commissioned to develop suitable Extractive Processing techniques*
- *It has successfully developed reprocessing plants mostly using Carbon-In- Leach (CIL) & Heap Leaching methods to extract gold.*



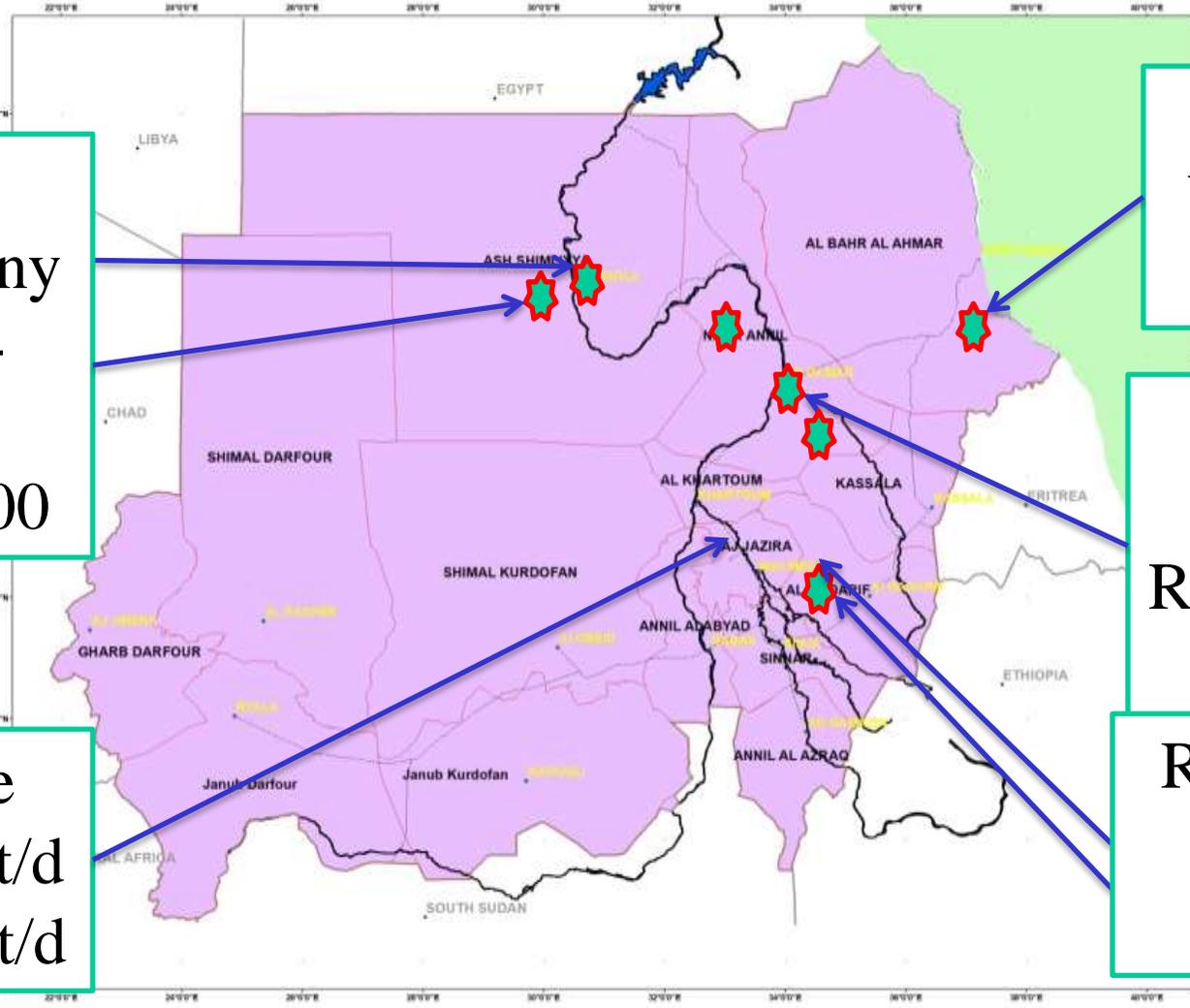


ARTISANAL TAILING REPROCESSING PLANTS OWNED BY RIDA MINING



Northern State
Al Hsour Company
Kodorma CIL -
1500
Khanag HL - 1000

River Nile State
Exseer H L -4000t/d
Exseer CIL- 3000t/d



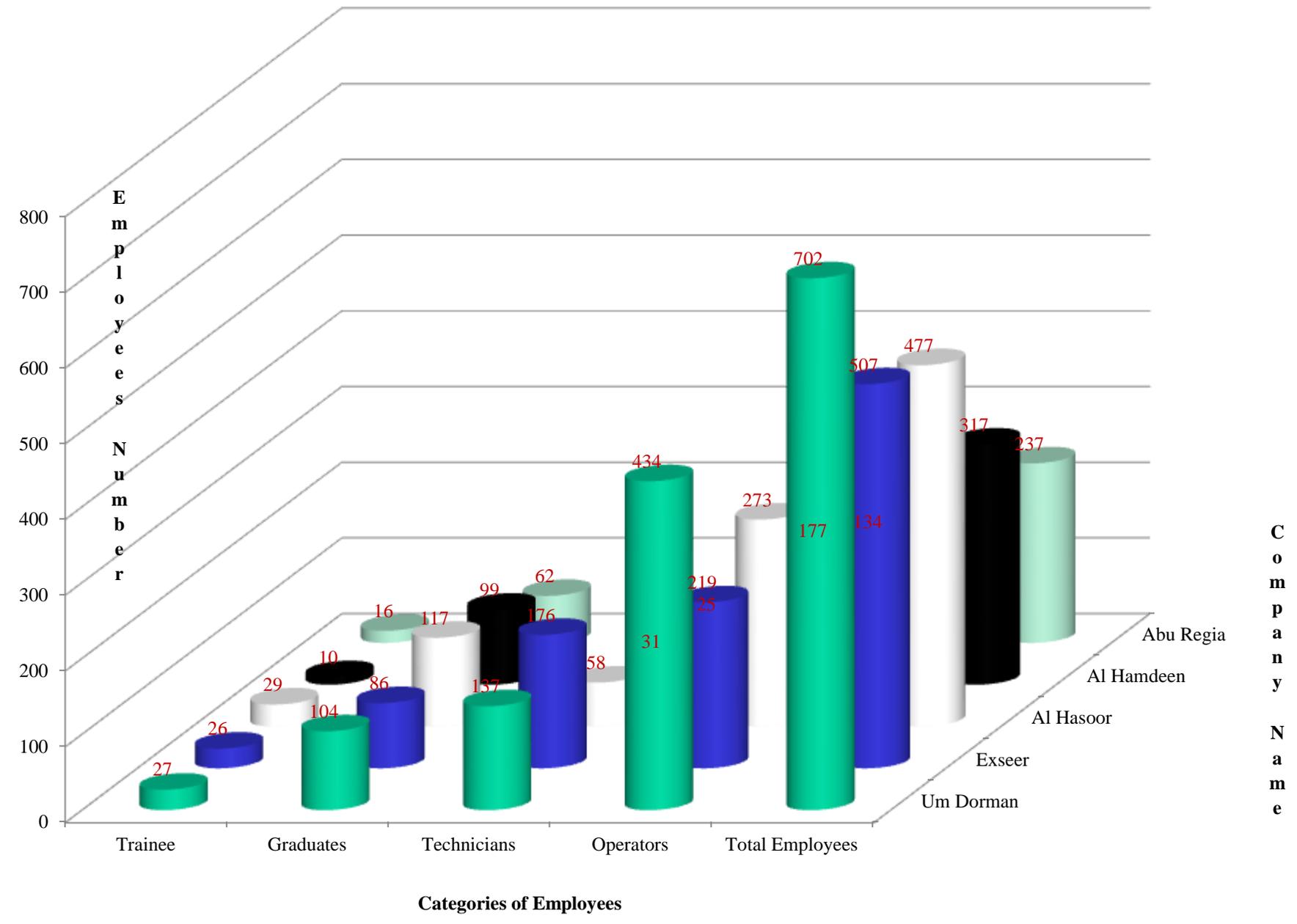
Red Sea State
Wedian CIL –
250 t/d

River Nile
State
Rida CIL - 1500
Um Durman

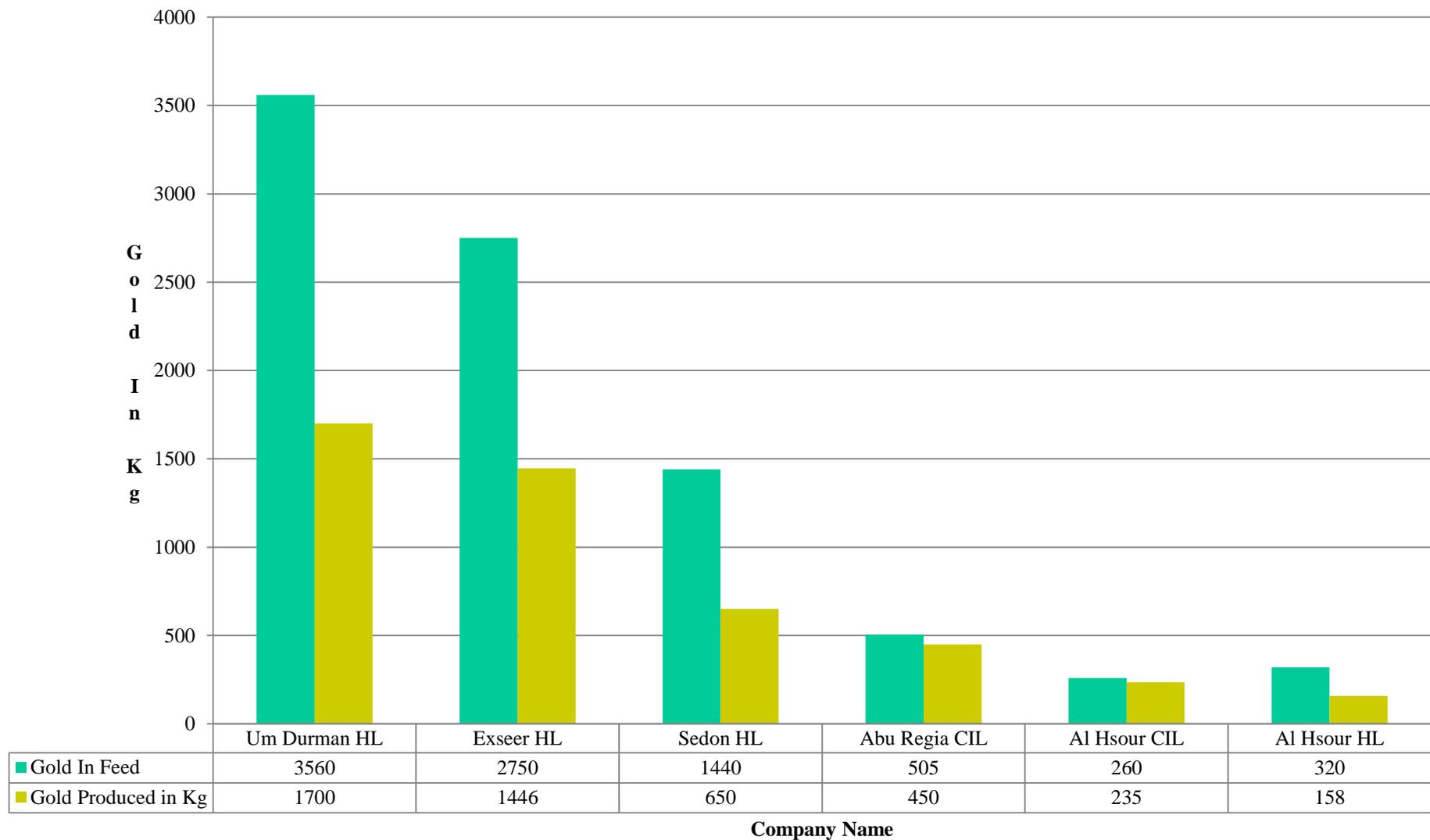
River Nile State
Sedon CIL
300 t/d

Al Gadarif State
Abu Regia CIL
1500 t/d

RIDA GROUP DIFFERENT COMPANIES JOB CREATION RATE



RIDA COMPANIES PRODUCTION STATISTICS January to August 2015





1500 t/d Carbon-In-Leach Plant to Retreat the Artisanal tailing at Kodorma , northern State, Sudan



GOLD REFINING EQUIPMENT



PRODUCED GOLD BAR





Exseer Mining Company – River Nile state Abu Hamad 4000 t/d Artisanal Heap Leach Plant



