



MAXIMIZING NATIONAL CONTENT AND VALUE RETENTION

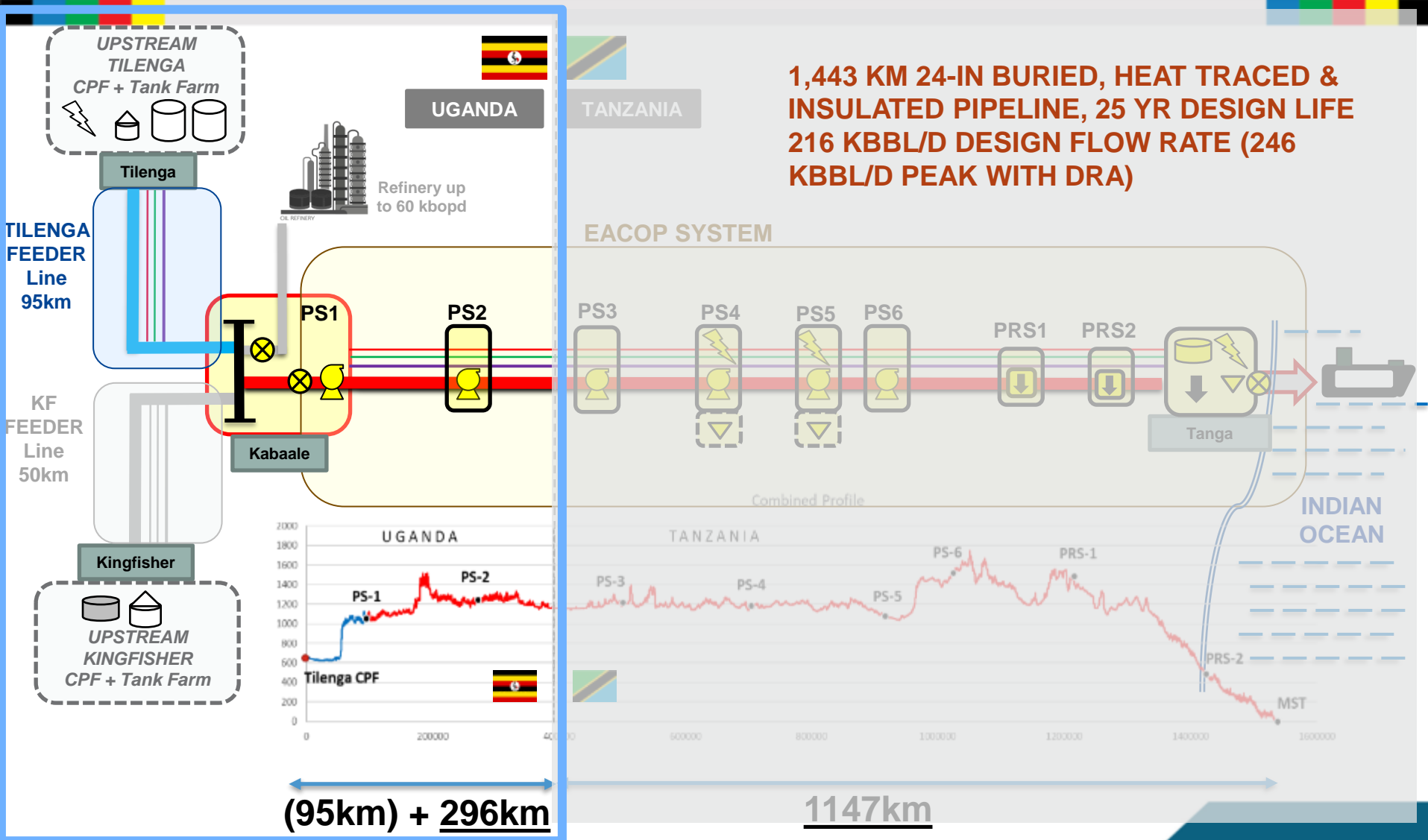
KAMPALA SERENA HOTEL

12th - 13th April

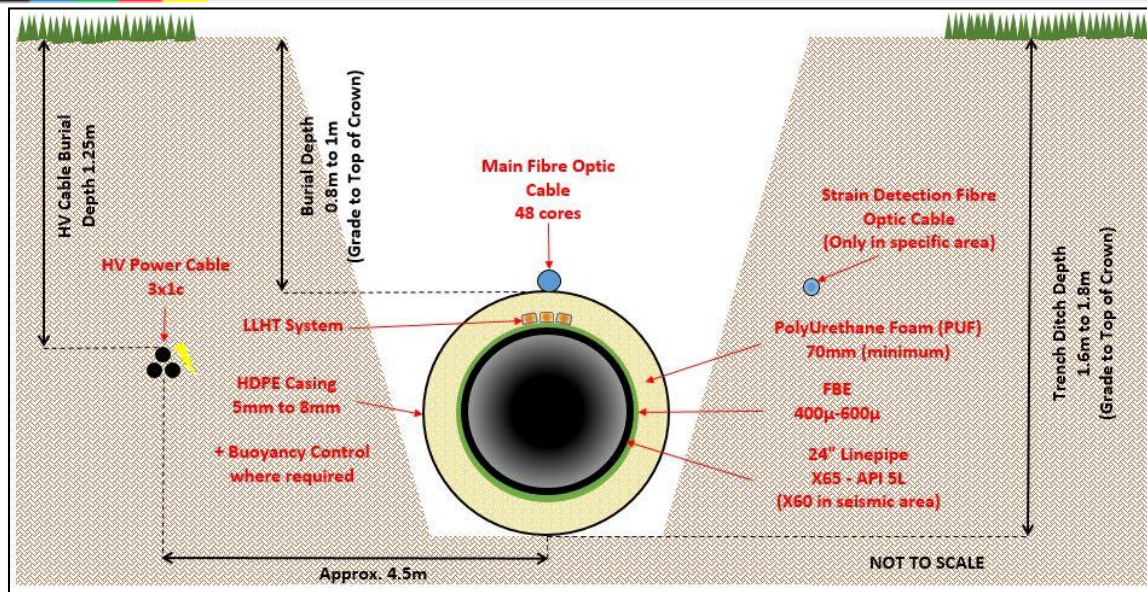


- Inter- government agreement (Uganda & Tanzania) signed on **May, 26th, 2017**
- Host Government Agreement between GoU and EACOP signed **April 11th, 2021**
- Host Government Agreement between GoT and EACOP signed **May, 20th, 2021**
- Ug and Tz Enabling legislation enacted into law in both countries.
- **FID ceremony in Kampala on 1st Feb 2022**
- **15th February 2022 EACOP Establishment**

SCOPE OF WORK - OVERVIEW



PIPELINE DESIGN CONCEPT

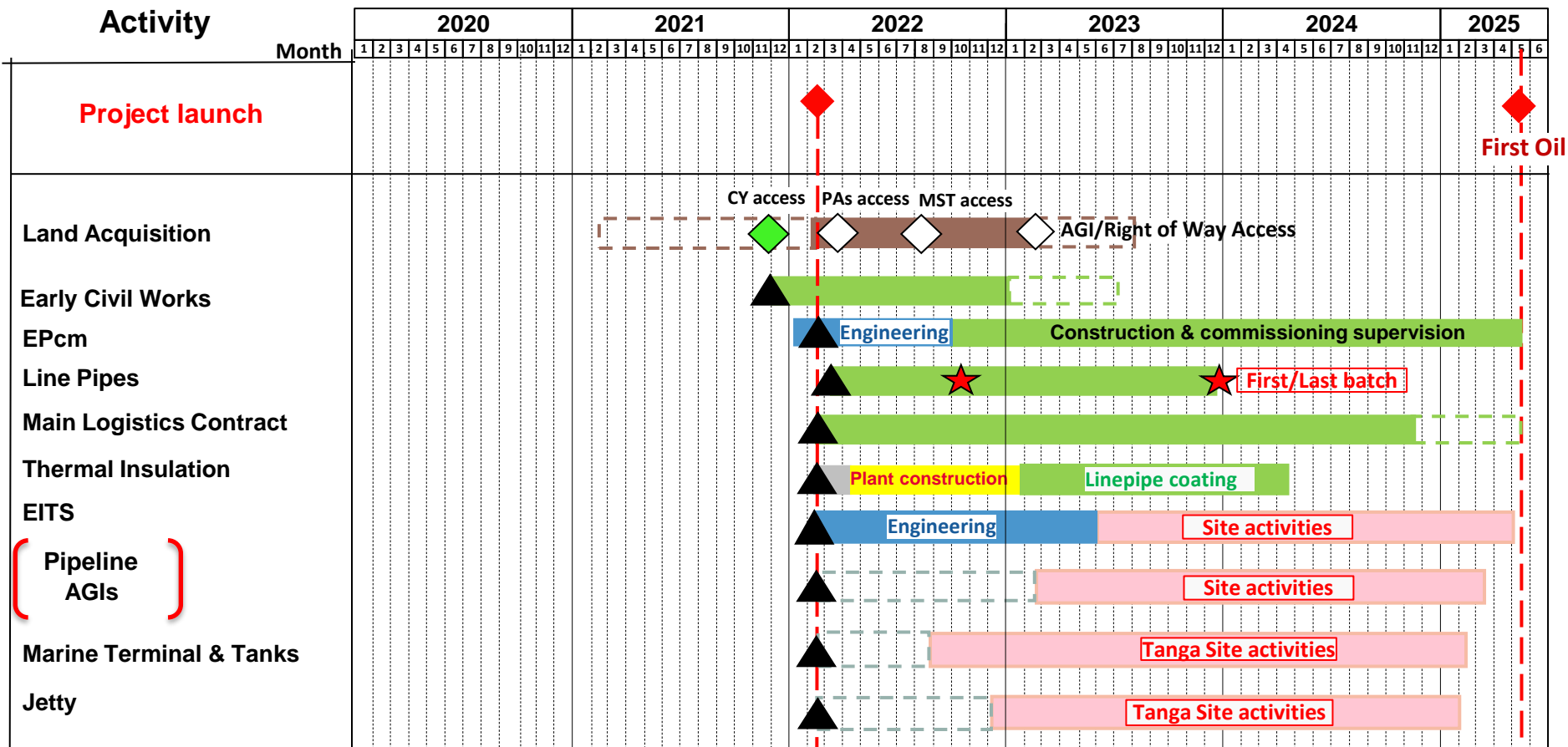


Main Characteristics (in Uganda)

- 24" carbon steel buried pipeline
- External coating for thermal insulation with a protective jacket including 3 channels raceway for electrical heating cables (to maintain the transported crude oil at a minimum temperature of 50°C)
- 29 Block Valves stations (out of 82 in Total)
- 5 Heat tracing substations along the route (out of 20 in Total)







NATIONAL CONTENT VISION & PILLARS

Vision

- Promote economic development and national industrialization.
- Implementing an industrial development plan
- Capitalize on the development phase to build the capacity of the National companies and Uganda Citizens
- Drive the growth of the Uganda Oil & Gas Industry in line with the objective of Uganda for long term industrial development

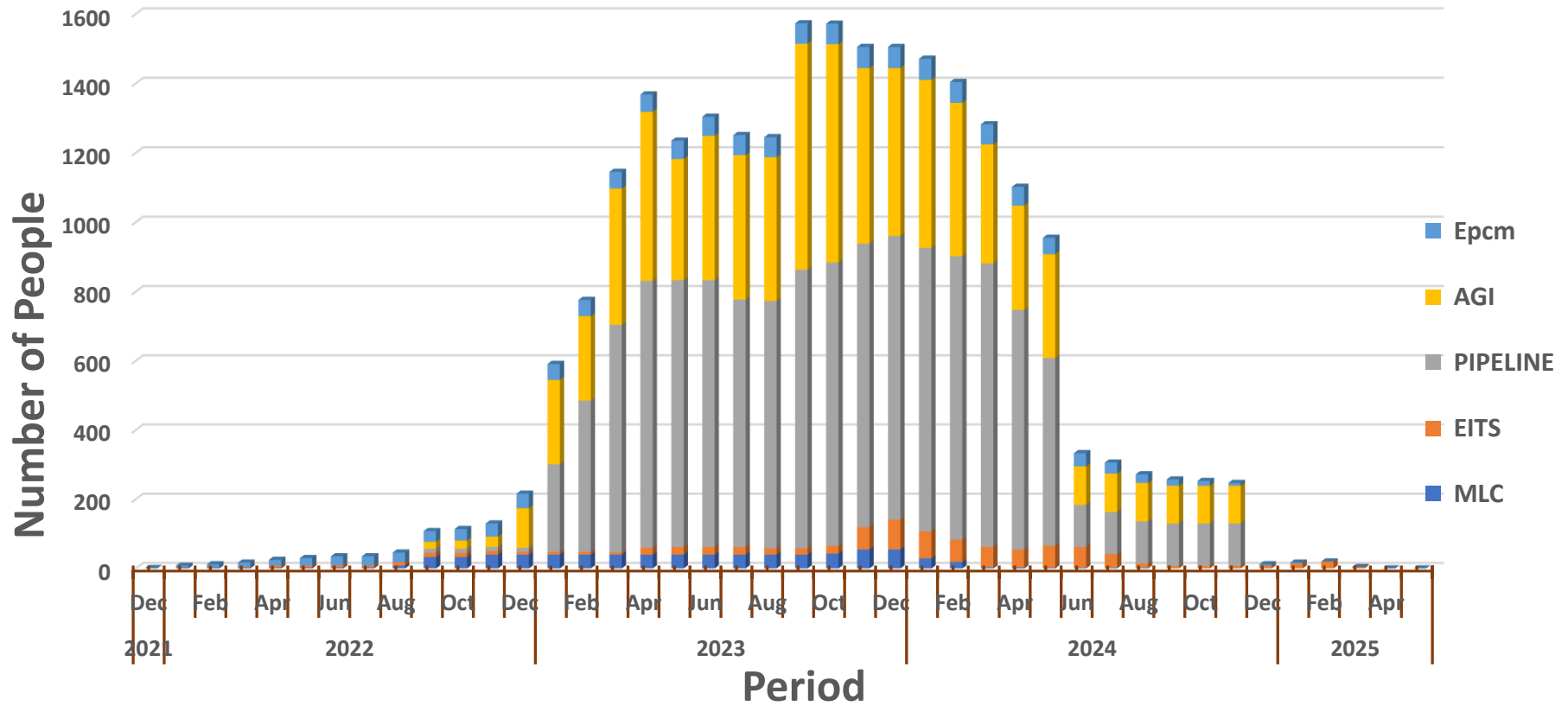


National Content Pillars

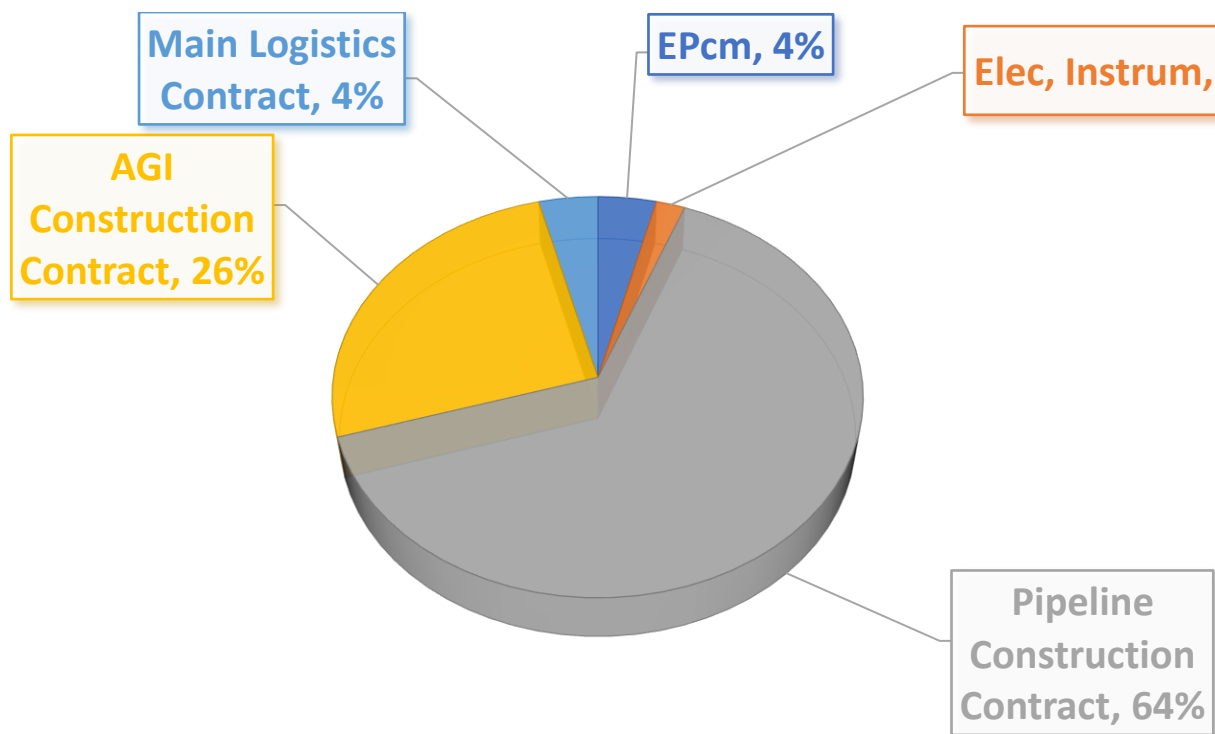
1. Employment & training
2. Goods & services
3. Capacity building & technology transfer



EMPLOYMENT OVERALL CONSTRUCTION MANPOWER HISTOGRAM



EMPLOYMENT & TRAINING CALL FOR TENDER PRELIMINARY RESULTS



- Mahours: 5,600,000 Manhours
- Up to 1,600 Ugandan citizens
- Training: 124,000 hours

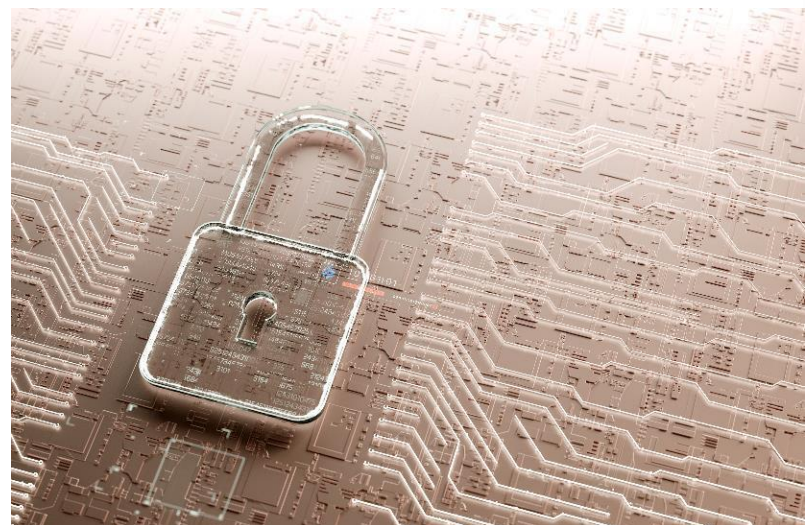
	MGT	TECH	OTHER
HGA	20%	30%	95%
Commitment	58%	72%	100%





Following goods and services **shall be provided by Ugandan companies:**

- Transportation
- security
- foods and beverages
- hotel accommodation and catering
- National staff human resource management
- office supplies
- fuel supply
- land surveying
- goods clearing and forwarding
- crane hire
- Nationally available construction materials
- civil works
- environment studies and impact assessments
- communication and information technology services
- waste management



CAPACITY BUILDING

- All main contractors in partnership with Ugandan Companies
- Train The Trainer > 1600 hrs
- Industry Enhancement Centre, quarterly forums > 1000 hrs
- Training for Local communities
- Internship to students
- Support to Local institutions
- Support to Local communities
 - > tools, temporary facilities, equipments..



EACOP CORPORATE ACTIVITIES SUPPORTING THE PROJECT NEAR TERM

HR & Office Administration

- Office Lease
- Rental accommodation
- International moving support
- Office supplies,
- Payroll Outsourcing
- HR & Recruitment Services
- Salary & Benefit Survey.

Communications

- Communications support
- Website
- Translation services
- Media & Publication services
- Design & Printing services

Logistics

- Driver services
- Services- maintenance, Fuel
- Insurance
- In-vehicle Management Systems

IT

- IT infrastructure
- Hardware procurement (laptops, IT infrastructure, printers etc)
- Website design, Hosting & Support

Land & Social

- Temporary and midterm specialist consulting services
- Third Party Advisory Services
- Transitional Support Services
- Gender Assessment

Health Safety Security & Environment

- Environmental Consultancies
- Onsite security providers
- Specialized consultation services

SHORT TERM

EACOP CORPORATE ACTIVITIES SUPPORTING THE WHOLE PROJECT DURATION

Logistics, Travel, Hotels

- Freight Forwarding
- Field Office rental
- Meet & greet Services
- Travel
- Accommodation & Hotel Services
- Meals, hospitality services
- Courier, mail services
- Defensive driving

Land & Social

- Livelihood Restoration
- Grave relocation
- Titling

Information Systems & Technology

- Network and Telecoms services
- IT Engineering, Integration and Support
- Infrastructure Equipment



Health, Safety, Environment

- Environmental consulting services
- Waste management
- Medevac & medical services
- Personal protective equipment
- Emergency response
- Laboratory services
- Pest/Vector control services
- Security services

Legal

- Regulatory compliance and legal advise

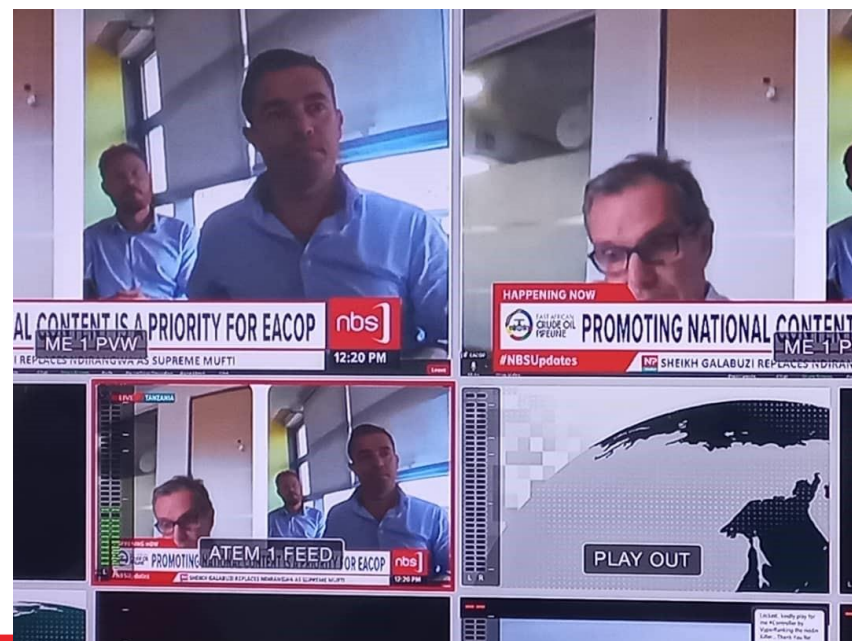
Finance

- Tax advisory & compliance
- Auditing
- Banking Services

NATIONAL CONTENT FORUM (nov 2021)

Aim of the WORKSHOP was :

- to answer Ugandan suppliers and service providers expectations,
- to provide a clear status about EACOP project and
- to how/when to engage with EACOP project.



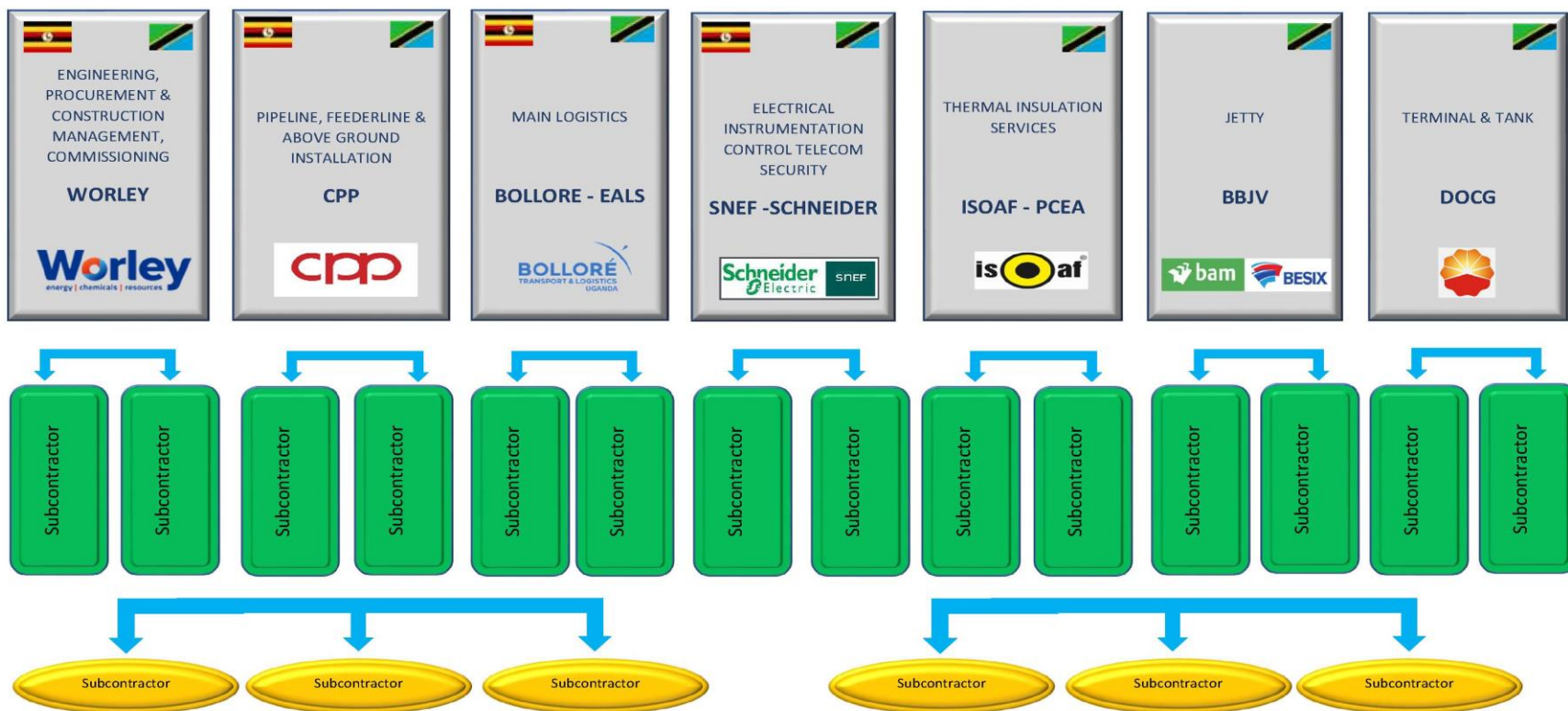
UPCOMING REGIONAL ENGAGEMENTS (may 2022)

- NC team planning regional engagement in Uganda to engage locally and **share opportunities on EACOP**, and obtain feedback from various stakeholders as well as **introducing main contractors**
- This will run from **Mid May 2022** and will cover the areas along the EACOP project
- This will run in the following order: Hoima – Kikuube – Kyankwanzi – Kakumiro – Gomba – Mubende – Ssembabule – Lwengo – Kyotera – Rakai



Website upgrade

EACOP.COM – OPPORTUNITIES



Inclusion
Transparency
Compliance
Safety
Quality

Openness
Answer expectations
Awareness
Ethic

WEBALE
THANK YOU
MERCI
謝謝



cpp



Onshore Pipeline

Offshore Pipeline

Oil & Gas
Storage

Oil & Gas Field
Facilities



As Of 2021

100,000 km onshore pipeline projects

200 km offshore pipeline projects

30 million m³ oil and gas storage projects

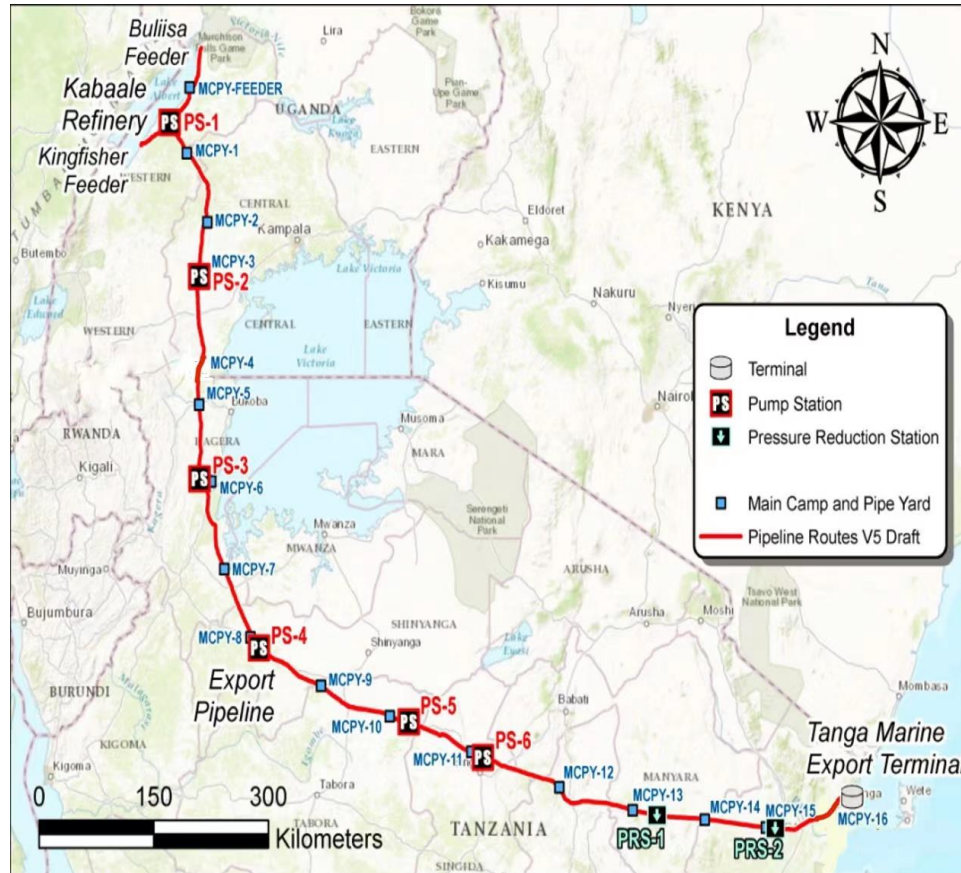
100 sets oil & gas field surface facilities

LNG Processing &
Receiving Terminals

Mini Refinery

Operation
Maintenance

Tele Communication
& Power



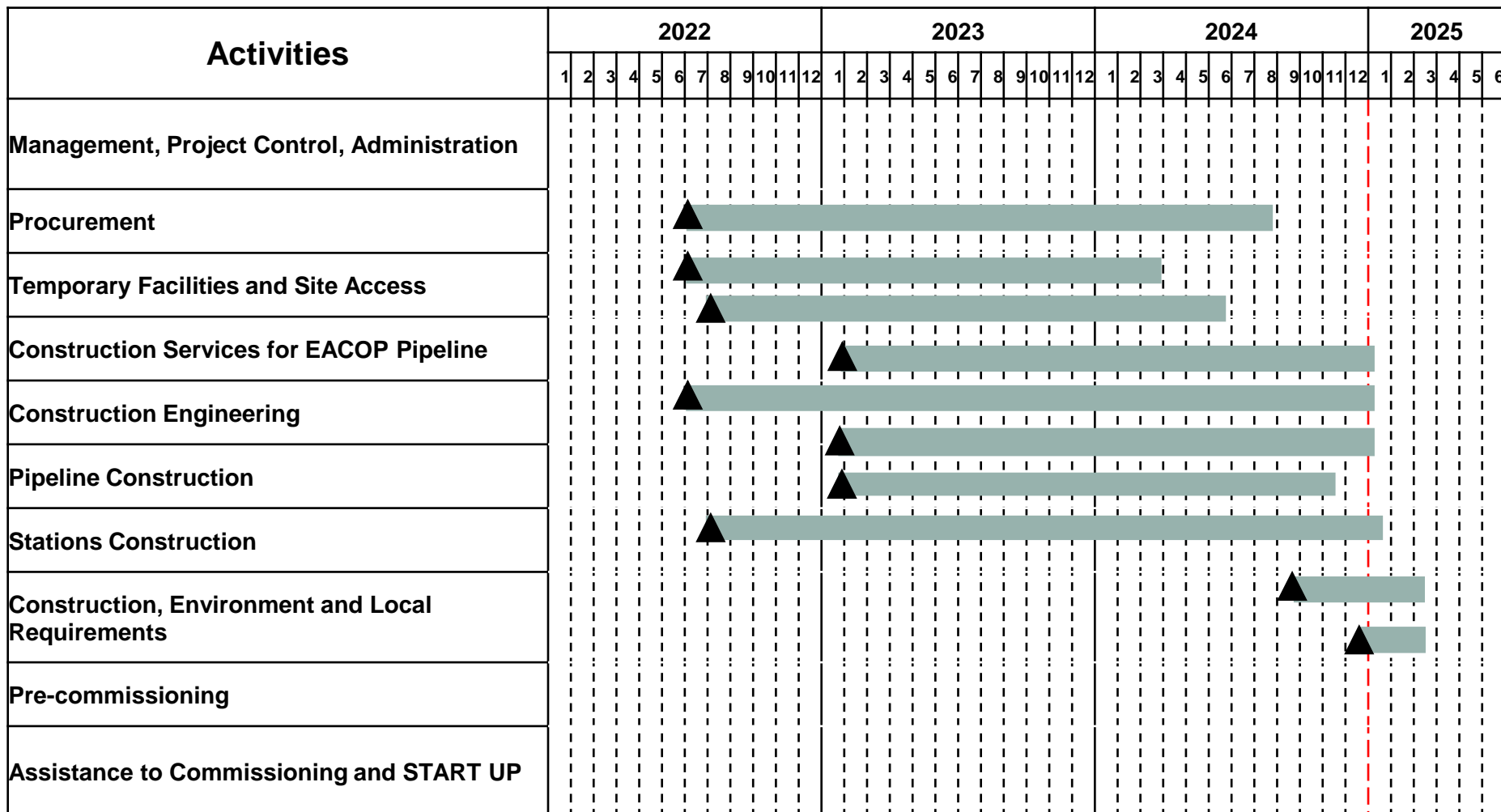
Distance: Start from Tilenga (UG) to the border between UG & TZ

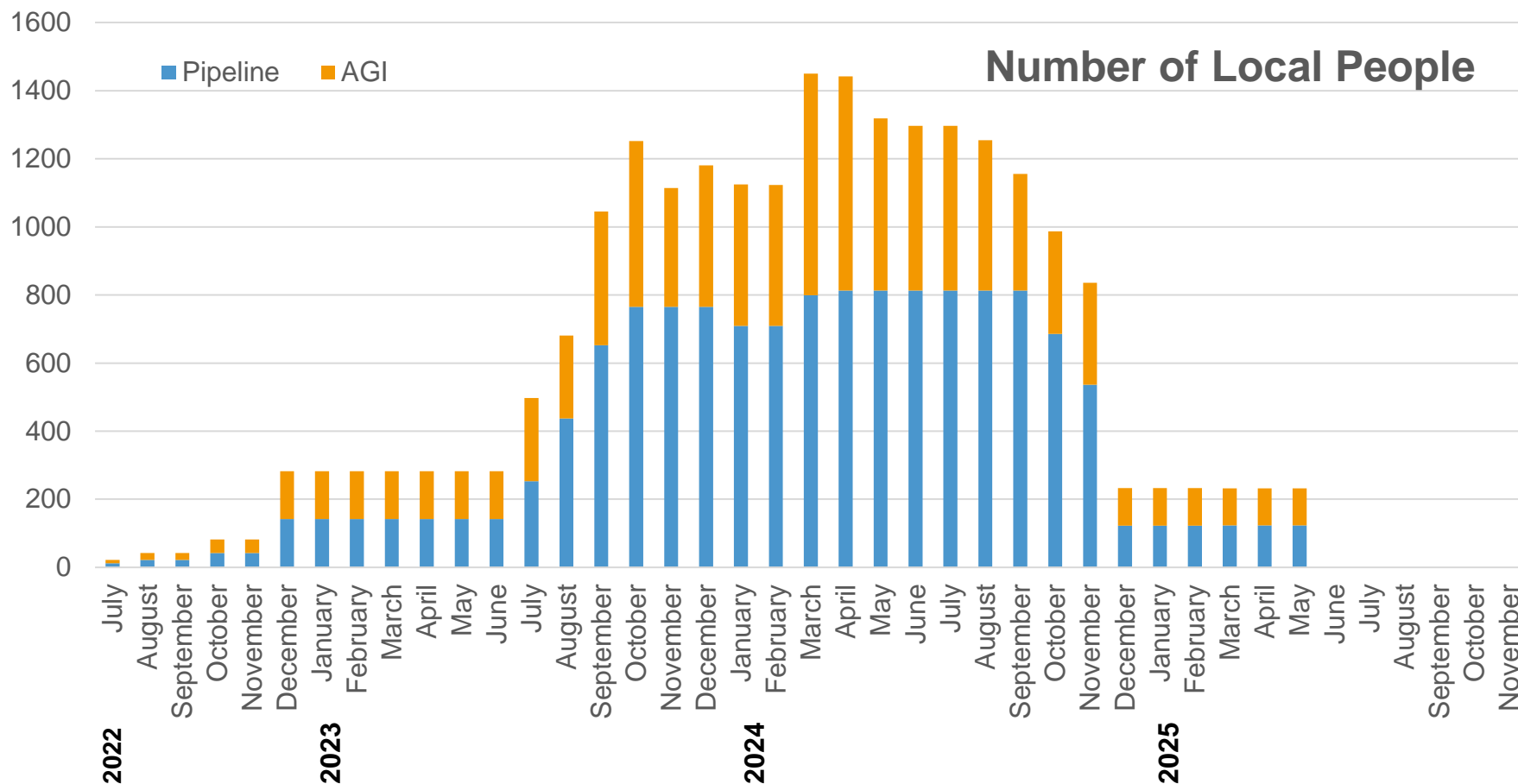
Length: 390km approximately in Uganda

Diameter: 24"

Facilities: 2 Pump Stations, 4 Main Camps, and Pipe Yards, mainline block Valves, and electric heat tracing stations

Duration: 24 months construction +3 months of commissioning support with a warranty period of 24 months





China Petroleum Pipeline Engineering Co., Ltd.

- **Email:** cppnclc@outlook.com
- **Address:** Plot 29, D1, Ridgeway Drive, Kololo, Kampala
- **Whatsapp:** +255 756 914 799 (Message Only)
- **Phone No:** +256 780 532 488 - Zhang Haitao (UG)
+255 752 579 956 - Wang Yuqing (TZ)
- **Website:** <http://cpp.cnpc.com.cn/>





Worley

energy | chemicals | resources





Uganda



- Transportation
- Water
- Environmental and Social
- Built Environment
- Oil and Gas
- Power and Renewable Energy



Andrew Kasekende
Managing Director
Infra Consulting Services Ltd. – Uganda



- Oil and Gas Engineering
- Energy Engineering
- Architecture and Building
- Highways and Transport Engineering
- Project Management & PRINCE2
- Surveys
- Social and Environmental
- Legal Services
- H3SE and Healthcare
- Logistics



Lawrence Levy Omulen
Chairman and Group MD
Newplan Group – Uganda

Working as one project delivery team

*Further developing our relationship and collaboration on EACOP with a view to collaborating on future projects.
Building a long-term world class oil and gas project delivery in Uganda*

UGANDA SCHEDULE

	2021 H2	2022 H1	2022 H2	2023 H1	2023 H2	2024 H1	2024 H2	2025 H1
OFFICE EST. KAMPALA								
ENGINEERING								
PROCUREMENT								
CONST. MANAGEMENT								
COMMISSIONING								
• EARLY CIVIL WORKS								
• WATER SUPPLY								
• LOT 1 PIPELINE & AGI								

OFFICE BASED ROLES

Project Management & Support	Procurement	Health and Safety	Project Controls	Compliance
<ul style="list-style-type: none"> • Administrator Assistant • Quality Technical Clerk • Project Management - Engineering • Secretary/Receptionist • Training Administrator • Travel, Visa, Immigration, Work Permits Admin • Office Manager • Subcontracts Specialist • Interface Coordinator/Integrator/MS 	<ul style="list-style-type: none"> • Procurement Lead • Buyer • Subcontracts Specialist • Claims Manager • General Construction Management • Construction Administrator Assistant • Construction Quality Manager • Contract Admin • Follow-on Engineering • Permits & Lands Advisor Uganda • Field Administrator Assistant 	<ul style="list-style-type: none"> • Safety Reporting • H&S Coordinator • H&S Reporting • Journey Management Coordinator 	<ul style="list-style-type: none"> • Planner • Cost Controller • Reporting Lead • Finance and Admin Manager • Accountant • PAF/Timesheet Admin • Document Controller • IT deskside support 	<ul style="list-style-type: none"> • Permitting and Government Liaison • Local Content Office • Environmental Office • Social Office • Community Liaison

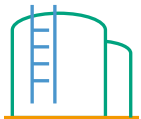
SITE BASED ROLES

Construction Management	Procurement	Health and Safety	Quality	Field Engineering
<ul style="list-style-type: none"> Field Construction Supervisors Interface Coordinators Field Planners Project Controls Reporting Quantity Surveyors Surveyors CMT Database Administrator Commissioning Administrator Field Administrator Assistants 	<ul style="list-style-type: none"> Field Contracts Administrators Field Document Controllers Field Materials Controllers Logistics Officers 	<ul style="list-style-type: none"> Field H&S Officers Permits & Lands Advisors 	<ul style="list-style-type: none"> Civil Inspector Civil Quality Inspectors Civil/Structure Inspectors Coating Inspectors Electrical & Instruments Inspectors Field Environmental Inspectors Mechanical Inspectors Quality Leads 	<ul style="list-style-type: none"> Field Civil Engineers Field Electrical & Instruments Engineers Field Geotech Engineers Field Mechanical Engineers Field Piping Engineers Field SCADA Engineers

PROJECT GOODS PROCUREMENT

Mechanical

- Pumps
 - Progressive cavity
 - Crude oil recirculation
 - Sump
 - Centrifugal
- Tanks
 - Potable water
 - Fuel storage
- Overhead travelling cranes
- Hoists & trolleys



Electrical

- Perimeter Lighting
- EHT Local Control system & auxiliaries
- HV and MV cables
- Power junction boxes
- Power service sockets
- Lighting protection equipment

Telecoms

- Telecoms cables & junction boxes
- Marine navigation aids



Instruments

- Instrument junction boxes
- PIG signallers
- Instruments
 - Temperature
 - Pressure
 - Level
- Analysers
- Flow Measurement instruments
- Valves
 - Control
 - Actuated
 - Pressure safety
 - Self actuating . Pressure regulating



Architectural & civils

- Building furniture & equipment
- Warehouse & workshop equipment
- Drainage interceptors

Safety

- Safety equipment
- Foam packages
- Fire & gas detection



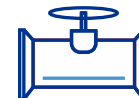
Hydrology

- Submersible pump
- Water supply treatment
- Waste water treatment
- Sewage treatment



Piping

- Bolts & nuts (24" and above)
- Gaskets (24" and above)
- Valves
 - Butterfly
 - Globe
 - Gate
 - Check
 - Double block & bleed
- Hose couplings
- Flexible hoses
- Vent screens



CONTRACTS TO SUPPORT WORLEY OPERATIONS

● Transportation – In Kampala- Q3 2022 to 2025

- Buses to transport employees
- Cars to transport employees
- Drivers



● Hotel accommodation Q1 2022 to 2025

- Required for travelling employees before they go to site and when they return
- Other flight locations



● Security Q1 2022 to 2025

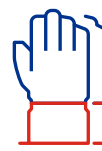
- Requirements to be confirmed

● Office supplies Q3 2022 to 2025



● IT & Equipment Q3 2022 to 2024

● PPE Q1 2022



Worley Europe Limited – EACOP Project

27 Great West Road

London

TW8 9BW

United Kingdom

- **Project Director:** Daniel Rapiti
- **Local Content Manager:** David Bishop
- **Procurement Manager:** Alison Masterson
- Email - **EACOP-supplierinfo@Worley.com**

Please include:

- Company Name ✓
- Website URL ✓
- Contact details / Email ✓
- Description of the equipment and materials that your company supplies ✓
- E-copy of company brochure ✓

Worley Uganda Contact details will be provided in due course



BOLLORÉ
TRANSPORT & LOGISTICS
UGANDA



MAIN LOGISTICS CONTRACTOR (MLC)

BOLLORE TRANSPORT & LOGISTICS UGANDA

IN
UGANDA
SINCE 1968

*AEO (Accredited
Economic Operator)
in East African
Community under the
World Custom
Organisation*

*Experienced
Regional
Transporter*

*GLOBAL
LOGISTICS
NETWORK IN
AFRICA*

SYNERGIES

- Transport Operations & Management
- Heavy Lift / Out of Gauge Transport
- Health, Safety, Social, Security, Environment (H3SE) – Transport Reference in Uganda
- Quality Assurance (QA) / Quality Control (QC)
- Advanced Driver Training Program
- Investment Capacities
- Local Communities Opportunities
- Customs Compliance & Taxes Compliance Structures
- Footprint & Facilities Developments in Uganda
- IT System and In-Vehicle Monitoring System (IVMS)

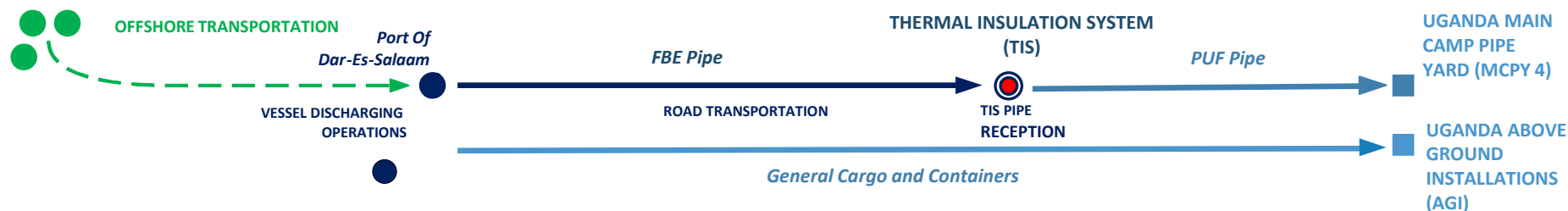


Ugandan Scope

Offshore Transportation Scope

Tanzanian Scope

Ports Of Origins



- 1 **PIPE:**
COATED PIPE SHALL BE TRANSPORTED FROM TIS YARD IN ISAKA, TANZANIA TO MCPY4 AT MTUKULA BY UGANDAN HAULIERS
Approximately 391 km of the EACOP Pipeline will be in Uganda

- 2 **OTHER CARGO:**
CONTAINERS AND GENERAL CARGO FOR UGANDAN WORKSITES WILL BE TRANSPORTED BY UGANDAN HAULIERS

EACOP & VENDORS



Job Title	No.
Drivers	>50
Riggers / Signals	>2
Maintenance Team	>2
HSE Officers	>2
Trainers	Outsource as required
OTHER POSITIONS – including:	>50
<ul style="list-style-type: none"> • Clearance & Forwarding Team • Cleaners • Disbursements Control • Documentation Control • Exemption Coordination • Inventory Control • Lashing Equipment Supervisors • National Content Manager • Main Camp Pipe Yard Site Supervisor • Mechanical Handling Equipment Operators • Operations Supervisor • Track & Trace Personnel • QHSE Manager • Reporting Coordinator • Road Documentation Coordinator • Road Marshalls • Road Operations Coordinators • Road Permit Coordinator • Road Tracking & Monitoring Coordinator • Road Transport Supervisors • Runners • Site Administration Managers • Site and Operations Team 	

- Road Transportation
- Escort / Road Patrol Operations and Management
- Transport of Personnel
- Health and Medical Checks
- Labour Sourcing Services
- Legal Accounting and Financial Services
- Hygiene Services
- Catering Services
- Site Security Services
- Yard Operations
- Management of Contractor's Main Camp Pipe Yard (MCPY) Operations



BOLLORE TRANSPORT & LOGISTICS UGANDA

Address:

**Plot M-611
Ntinda Road
P.O. Box 5501
Kampala**

Info.Uganda@bollore.com

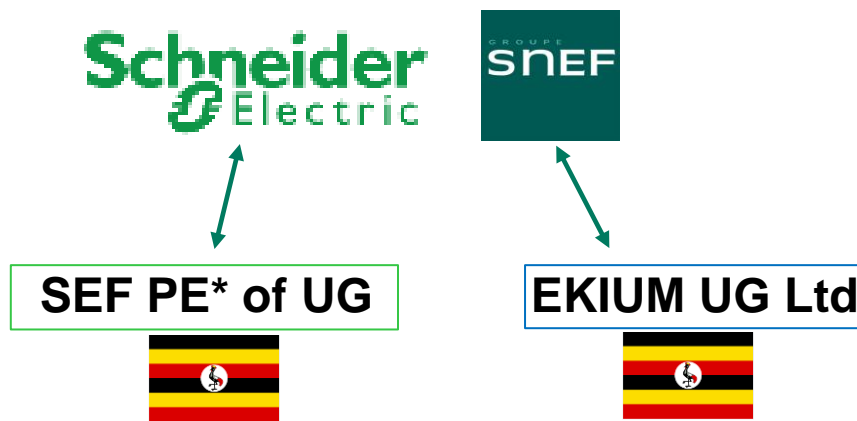


Schneider
Electric

GRUPE
SNEF

EITS CONTRACTOR INTRODUCTION

The consortium between Schneider Electric France and SNEF (and their local entities) will deliver the EITS scope of EACOP



Ekium UG Ltd (as affiliate of SNEF) and SEF Permanent Establishment (*tax representation of SEF) will manage procurement of local goods and services

About Schneider Electric - <https://www.se.com>

A leading supplier of **digital solutions** for **Sustainability and Efficiency**.

Through digital transformation integrating **world-leading process** and energy technologies, end-point to cloud connecting products, controls, software and services, across the **entire lifecycle**, enabling **integrated management**, for homes, buildings, data centers, infrastructure and industries.

About SNEF Group - <https://www.snef.fr>

A major supplier of **end-to-end services** throughout the life cycle of installations, built around a wide range of technical skills and with **multi-technical solutions** in the fields of energy, mechanics and **digital technology**. Promoters of the digital revolution, of Connected Objects, Big Data, cybersecurity, industry 4.0, Artificial Intelligence and Virtual Reality

SCOPE OF WORK

ELECTRICAL DISCIPLINE SYSTEMS

Electrical and Pre- Assembled systems

This part of the Scope of Work consist of Engineering, Procurement, Workshop & testing, packing & preservation, assistance of installation, hook-up, commissioning and start-up, performance test, training for the Prefabricated buildings and integrated electrical systems like switchboards, transformers, HVAC, control systems etc.

Focus on Local market - Uganda

1. Customs Clearance, Storage and local logistic of free-issue equipment's;
2. E-House Site Installation– local labour force/testing tools;
3. Field Cable Termination and Testing – local labour force/testing tools;
4. Plant commissioning - local labour force/testing tools;
5. Performance Tests - local labour force;
6. Final Documentation - local labour force;

SCOPE OF WORK

INSTRUMENTATION & CONTROL SYSTEMS

The Scope of Work consist of Engineering, Procurement, Workshop & testing, packing & preservation, assistance of installation, hook-up, pre-commissioning, commissioning and start-up, performance test and training of Plant Control System, System Integration, SCADA, Asset Management, Production Data Server

Focus on Local market - Uganda

1. Import of INSTRUMENTATION equipment into country(Logistic/Custom clearance);
2. Prefabricated buildings equipment Workshop Testing – local labour force/testing tools;
3. Field Cable Termination – local labour force/testing tools;
4. Plant commissioning - local labour force/testing tools;
5. Performance Tests - local labour force;
6. Final Documentation - local labour force;

SCOPE OF WORK

TELECOM SYSTEM DISCIPLINE

The telecommunications and security systems will be designed and implemented to provide an integrated infrastructure which will support all operations, safety, security, maintenance and administration.

FOCUS ON LOCAL MARKET - UGANDA

1. Telephony system – Potential local procurement
2. CCTV systems – Local labour force and potential local procurement
3. Data and Fibre optics cabling – local labour force
4. Telecom towers and CCTV masts – local labour force and potential local procurement
5. Entertainment equipment (screens, projectors, TV satellites system..) – potential local procurement
6. Assistance for commissioning – Local labour force
7. Assistance for site acceptance tests – Local labour force
8. Special tools and consumables – local procurement
9. Inland logistics – local procurement
10. Final documentation – local labour force

SKILLSETS UGANDAN CONTRACTOR AND SUB-CONTRACTORS

Management		Technical		Other/Unskilled	
Job title	nb	Job title	nb	Job title	nb
Site Director	1	Welders	2	Helpers	9
Site manager	3	Painting/blasting workers	2	Drivers	3
QC Manager	2	Scaffolders	3	Helpers	21
HSE Manager	2	Electricians	17	Security Guards	2
Commissioning Manager	2	Maintenance Technicians	3	Store keeper	5
Logistic Manager	2	Riggers	3		
Documentation Manager	3	Planner/Scheduller	2		
		Documentation Controller	3		
		Secretaries	2		
		Commissioning Engineer LV/MV Switchboards	15		
		Commissioning Engineer Telecomm	4		
		QC Electrical & instrumentation Inspector	3		
Total Management Staff	15	Total Technical Staff	59	Total Other/Unskill Staff	40

CONTACT DETAILS

Schneider Electric France Ltd (<i>SEF</i>)	EKIUM UG Ltd (<i>SNEF</i>)
Address: 7th Floor, Course View Towers, Plot 21, Yusuf Lule Road, Kampala, Uganda	Address: 3-5, Block C, Portbell Road, Nakawa Business Park, Nakawa, Uganda
Contact Name: Patrice Begnis Email: eacop.eits@se.com	Contact Name: Samuel Otema Email: contact.ouganda@ekium.eu

ASANTE
WEBALE
THANK YOU
MERCI
謝謝