

MINUTES

Proposed Lokichar to Lamu Crude Oil Pipeline Project: Baseline Consultation

*Lamu County Meeting: 25 October 2018 - Mama Zipporah's Guest House,
Kililana*

Submitted to:

Pipeline Project Management Team

Submitted by:

Golder Associates (UK) Ltd

Cavendish House Bourne End Business Park Cores End Road
Bourne End Buckinghamshire SL8 5AS UK

+44 0 1628 851851

1772867_551.3.3

25 October 2018



Distribution List

Golder (UK) Limited - 1 copy pdf

PPMT - 1 copy pdf

Table of Contents

1.0 WELCOME AND INTRODUCTION	2
2.0 ATTENDEES.....	2
3.0 AGENDA	2
4.0 PURPOSE OF MEETING	2
5.0 PROJECT TEAM	3
6.0 PRESENTATIONS	3
7.0 PROJECT BACKGROUND	3
8.0 PROJECT BACKGROUND	3
9.0 PROJECT DESCRIPTION	3
9.1 Overview	3
9.2 Route.....	4
9.3 Technical Aspects	4
10.0 ESIA PROCESS.....	4
11.0 CONSULTATION PROCESS	5
12.0 IDENTIFICATION OF ISSUES	5
13.0 CLOSURE	11

TABLES

Table 1: Identified Issues, Questions, Comments and Responses.....	6
Table 2: Attendees that signed the register and participated in the proceedings, grouped by organisation	14

APPENDICES

APPENDIX A
List of Attendees

APPENDIX B
Presentation

PURPOSE OF THIS DOCUMENT

This document represents the minutes taken during a public meeting convened as part of the Environmental and Social Impact Assessment (ESIA) for the proposed Lokichar to Lamu Crude Oil Pipeline (LLCOP) project in Kenya. The document presents a summary of the issues, concerns, questions, and suggestions raised by the stakeholders at the meeting. The meeting was held on Thursday, 25 October 2018 at Mama Zipporah's Guest House, Kililana, Lamu County.

The objective of the meeting was to provide stakeholders with more information about the proposed LLCOP project and associated mitigation measures. The meeting also provided stakeholders with an opportunity to contribute comments, suggestions and raise issues of concern. Issues and questions raised during the meeting were captured in the Comment and Response Report. This report will form part of the final ESIA report to be submitted to the relevant authority for a decision.

Your comments are important!

Stakeholders who attended the meeting are invited to review the draft minutes and ensure that the questions, concerns, and comments have been captured correctly. Please send any comments and changes that you would like to make within 14 days of receipt to the Public Participation Office.

Address for Comments:

Mr James Kambo

Stakeholder in-country lead (ESF Consultants)

Telephone

(+254) 736 100205

Email:

james.kambo@esfconsultants.org/ppoffice@golder.co.za

Address

Woodlands Office Park,
1C Suite 1st Floor
Woodlands Road, off Lenana Road
PO Box 7745-00100
Nairobi, Kenya

1.0 WELCOME AND INTRODUCTION

The meeting started at around 09h50 with a word of prayer from the “Kililana A” headman. It was then officially opened by the Chief who invited Mr Mohammed Kitete to explain to the gathered members of the community the reason for the teams visit and the purpose and goals of the meeting. He then introduced the meeting facilitator, Mr Duncan Oyaro. Mr Duncan Oyaro presented the ESF team to the attendees and asked the locals to introduce themselves. Flip charts were pinned to a wall in the venue for everyone to view. Document handouts, having the same information as that on the flip chart, were also distributed. Maps that showed the pipeline route from Lokichar to Lamu port were distributed.

2.0 ATTENDEES

120 attendees signed the attendance register and took part in the proceedings. See APPENDIX A in this regard.

3.0 AGENDA

The following agenda was presented to, and accepted by the participants:

- 1) Introduction
- 2) Attendance
- 3) Agenda
- 4) Purpose of meeting
- 5) Project team
- 6) Project progress
- 7) Summary of scoping consultation
- 8) Community *barazas* (public meetings)
- 9) Community consultation approach
- 10) Social baseline
- 11) ESIA focus
- 12) Stakeholder engagement focus
- 13) Discussions
- 14) Way forward
- 15) Closure

4.0 PURPOSE OF MEETING

- 1) Share information with stakeholders along the proposed pipeline route about the proposed project.
- 2) Obtain stakeholders’ inputs, questions, views, suggestions, concerns, and local knowledge about the proposed project.
- 3) Gather baseline data to inform the social impact assessment, and the suite of social management framework plans to be developed.

4) Explain the ESIA process and opportunities for comment.

5.0 PROJECT TEAM

Mr Duncan Oyaro introduced the project team and explained the role each team plays in the LLCOP project as follows:

- The government of Kenya – sets the strategy;
- LAPSSET Corridor Development Authority (LCDA) – the authority responsible for the development of the LAPSSET corridor;
- PPMT – the pipeline project management team, a partnership between government (Ministry of Mining and Petroleum – MoMP) and oil companies to develop the pipeline project; and
- Golder and ESF Consultants – the independent consultants, appointed to undertake the ESIA.

6.0 PRESENTATIONS

The meeting was held at Mama Zipporah's guest house. The meeting started with the registration of the attendees who were given information handouts to help them understand the project. The meeting facilitator presented a detailed explanation of the project with the help of a flip chart. After the presentation, the meeting facilitator held a question-and-answer session where stakeholders were given the opportunity to voice their comments, views, and concerns about the project.

At the same time as the stakeholder engagement meeting, social baseline meetings with members of specific focus groups were being held at different locations to gather baseline information on social structures, administration, and the history of the community.

7.0 PROJECT BACKGROUND

An overview and background of the proposed project were presented to attendees. All development projects are subject to an ESIA process in terms of the Environment Management and Coordination Act (2015). This is the first permitting study undertaken for the proposed LLCOP project. Several related studies have been undertaken and include a Strategic Environmental Assessment for the LAPSSET corridor project and an ESIA study for the Kenya Upstream Oil Development project.

Golder Associates, in partnership with ESF Consultants, Kenya, have been appointed to undertake the ESIA study.

8.0 PROJECT BACKGROUND

An overview and background of the proposed project were presented to attendees. All development projects are subject to an ESIA process in terms of the Environment Management and Coordination Act (2015). This is the first permitting study undertaken for the proposed LLCOP project. Several related studies have been undertaken and include a Strategic Environmental Assessment for the LAPSSET corridor project and an ESIA study for the Kenya Upstream Oil Development project.

Golder Associates, in partnership with ESF Consultants, Kenya, have been appointed to undertake the ESIA study.

9.0 PROJECT DESCRIPTION

9.1 Overview

The LLCOP project is a development initiative under a joint partnership between the Kenya Government and the consortium consisting of Tullow Oil Kenya B.V., Africa Oil Turkana Ltd and Total Oil (formally Maersk Oil).

The proposed LLCOP project is an onshore pipeline that will provide transportation of crude oil from the production fields in South Lokichar to the marine export facility at the Port of Lamu. There it will be stored and onward exported to international markets. The project will link the upstream oil fields (being permitted separately) with international markets.

9.2 Route

The LLCOP project will commence at a flange point in Turkana County, south-east of the Lokichar oil fields, and end at the Port of Lamu. The LLCOP route is within the LAPSET corridor and will cut across Turkana, Samburu, Isiolo, Meru, Garissa and Lamu counties. The crude oil pipeline will be approximately 820 kilometres long. Areas of land where the proposed pipeline will pass will be acquired by the government and leased to the project.

9.3 Technical Aspects

The proposed project will be executed in a phased manner. The construction time will be approximately two to three years.

The construction of the pipeline will entail excavation of a trench, two metre in depth, along the proposed pipeline route. A conventional trench and backfill construction methodology will be followed. The pipeline will be buried throughout its length with a minimum of one metre of soil cover. The pipe itself will be 18 or 20 inches in diameter. The proposed pipeline will need a 30 metre width for construction and a six metre width for operations. Due to the heavy and waxy consistency of the crude oil, the pipeline will be heated and insulated to keep the crude oil at the optimum viscosity for pumping. The heating will be done through a longline trace system.

There will be approximately 16 intermediate above ground installations (either co-located or standalone), which include pump stations, pressure reduction stations, and electrical generators.

A marine terminal will be constructed at the Port of Lamu. The terminal will comprise storage facilities (1.5 million barrels capacity), a loading line and a marine platform with breasting and mooring structures. The Lamu terminal options under evaluation are an onshore storage and offloading jetty, or a floating storage and offloading vessel. The onward exportation of the crude oil to international markets will take place by ship.

10.0 ESIA PROCESS

This ESIA is being undertaken to acquire the necessary permits to implement the proposed project. The Environmental Management and Coordination Act of 2015 provides detailed guidelines on conducting Environmental Impact Assessments (EIAs) in Kenya. The Act states that all new projects that are likely to affect the environment in any way must undertake an ESIA, and the ESIA report should then be submitted to NEMA for review and approval.

The objective of this ESIA study is to investigate and identify the positive and negative impacts of the pipeline construction and operations. The study will then generate feasible mitigation measures for adverse impacts through an Environmental and Social Management Plan. These studies and recommendations will be done through field investigations, document review, professional analysis, and stakeholder engagements.

The ESIA process entails the following elements:

Scoping Study – An initial field and baseline data reviews as well as early stakeholder engagement to define the scope of the ESIA.

Terms of Reference (ToR) – During this phase, the framework and proposed methodology for the assessment of environmental and social impacts are developed. The ToR phase includes a presentation of the project, proposed ESIA update process and the public consultation process.

Environmental Impact Study (EIS) – This phase entails an impact assessment and will address the issues raised during the ToR phase. A Draft EIS report will be developed and presented to the public for review and discussion. The EIS is then finalised and submitted to NEMA for approval (the decision-making phase).

The ESIA permitting study should be completed by March 2019.

11.0 CONSULTATION PROCESS

The stakeholder engagement process is a requirement of the Kenya Environmental Impact Assessment guidelines and is being undertaken to provide the opportunity for communities, potentially affected and interested people to participate by raising issues, concerns, asking questions and contributing local knowledge.

Stakeholder participation in the process will help to identify and address their concerns early in the project design phase. Stakeholder contributions collected during this process will be recorded and made publicly available in a Comment and Response Report for people to verify that their contributions have been recorded correctly. Special efforts will be made to engage with potentially directly affected people, including women, the youth, as well as local, regional, and national educational and religious organisations, research institutions, non-governmental organisations, and other key organisations. Public meetings and workshops will be held to record comments and suggestions from the public.

This ESIA process commenced in March 2018 and will be completed in March 2019. Availability of reports, times, and location of public meetings will be advertised in the local media and via site notices. The final EIS update will be made available in public places, for review.

Stakeholders will be informed throughout the stakeholder engagement process of this ESIA. Any queries and concerns can be raised at any time through the contacts provided.

12.0 IDENTIFICATION OF ISSUES

All questions, issues, comments, and associated responses raised during the discussion session are captured in Table 1.

Date of meeting: 25 October 2018

Venue: Mama Zipporah's Guest House, Kililana, Lamu County

Table 1: Identified Issues, Questions, Comments and Responses

	Meeting	Issue/Question/Comments	Commentator	Response
1	25 October 2018 stakeholder engagement at Kililana	<p>Since you are a private consultant on the project, what guarantees do we have that our views in this meeting will be aired to the government?</p> <p>Where will the pipeline pass and whose land will it pass through?</p> <p>What weight will your report have with the government?</p> <p>Around 62 out of 143 people were compensated from an earlier project cutting across their properties. The National Land Commission (NLC) has been handling issues relating to land transaction in a corrupt manner. Kililana farmers will not allow the project to run unless our land is measured properly and compensated for fairly.</p> <p>People of Kililana have not been given title deeds, and they have lived here for ages.</p>	Mohamed Rajab	<p>When citizens raise any concerns, the government should take it into consideration. The courts are also another route to air your views for consideration. EIA reports must be considered and by doing so, we give the government notice.</p> <p>The pipeline will pass underground, and LAPSSSET, with the help of the NLC, will acquire the land after consultation with landowners.</p>
2	25 October 2018 stakeholder engagement at Kililana	Any investor that comes to this community should first meet with the locals, then measure their land and compensate them accordingly. Otherwise we shall not accept any projects.	Ari Obo	Your views have been heard and noted down.
3	25 October 2018 stakeholder engagement at Kililana	People coming to the meeting just want to know about land, when will they be measured and how will we be compensated?	Mohamed Kubwa	The pipe will be insulated to conserve heat. Pumping stations will supply electricity to heat the oil.

	Meeting	Issue/Question/Comments	Commentator	Response
		<p>Where will the pipeline be laid?</p> <p>How will the pressure on the pipes be monitored to control backflow?</p> <p>How will the crude oil be heated?</p> <p>How will the oil be stored, and in what form will the oil be transported from the storage to the ships - in solid or liquid form?</p> <p>Will our own people be included in the tendering and will they get employed even to do simple jobs like digging trenches?</p> <p>Oil will be pumped at how many bars?</p> <p>How will peoples' livelihoods during and after this project be restored?</p>		Backflow of oil is a technical issue, but your concerns are noted.
4	25 October 2018 stakeholder engagement at Kililana	Thank you for the invitation. The land for this project is owned by residents of Lamu and not LAPSET or the NLC. We will ensure our rights are respected. You need to engage with the farmers who are who own the land.	Muhsin Mohamed	Your concerns have been noted.
5	25 October 2018 stakeholder engagement at Kililana	No project will pass without proper demarcation and the inclusion of the local people in the process.	Mohamed Kombo Village Elder	Your concerns have been noted.
6	25 October 2018 stakeholder engagement at Kililana	People had previously migrated from Kililana leaving their farms because of <i>Shiftas</i> (rebel, outlaw, or bandit), but they had since migrated back when safety issues were resolved. On a previous LAPSET project, I sold a portion of my land as	Mwalimu Shee Mwalimu	Your concerns and issues raised shall be considered and have been noted.

	Meeting	Issue/Question/Comments	Commentator	Response
		well as that of my sister, and we received compensation for mine but never for my sister's.		
7	25 October 2018 stakeholder engagement at Kililana	Do we continue to farm our land as the plans of the project are underway? This situation may breed uncertainty and food insecurity.	Jelani Omar	Your question has been noted down and shall be considered.
8	25 October 2018 stakeholder engagement at Kililana	The project has a start date and will have committees when it begins. When it starts, the locals should be considered for those committees.	Pastor Danson Kariuki	The start date of the project has not been determined yet. For other issues, I cannot confirm, but your views have been noted.
9	25 October 2018 stakeholder engagement at Kililana	Thanks for including women in the project at this stage. We have not been educated nor included in the project before. We need our land measured, marked, and given our dues. We also have youth that needs employment.	Shumi Bamkuu Parua	Your concerns have been noted down for consideration.
10	25 October 2018 stakeholder engagement at Kililana	My view is that after taking land, beacons should be erected for people to know clearly where the pipeline is buried. We should also be included in the process when our land is being acquired for the project.	Lali Baishe	Your concerns have been noted down for consideration.
11	25 October 2018 stakeholder engagement at Kililana	Land has been previously acquired without notice, and people are not included in such processes. We thank you for informing us of the pipeline. We want our land to be measured properly and title deeds issued to landowners. We also need help from the government in the form of farm inputs and implements such as those received by communities in other parts of the country.	Mwanabela Amini	Your concerns have been noted.

	Meeting	Issue/Question/Comments	Commentator	Response
12	25 October 2018 stakeholder engagement at Kililana	We do not dispute this government project, but we will not allow forcefulness.	Burhanl Mbwa Juma	Your concerns have been noted down for consideration.
13	25 October 2018 stakeholder engagement at Kililana	Thank you for the consultation, but the inclusion of LAPSSET and the NLC will result in issues with people from Kililana. You should rather engage with us directly.	Idriss Shambaro	Your concerns have been noted down for consideration.
14	25 October 2018 stakeholder engagement at Kililana	The Kenya Defence Force ejected farmers in Kililana B from our farms.	Shumi Bamkuu Parau	(Chief) These are not issues to be resolved by the pipeline people.
15	25 October 2018 stakeholder engagement at Kililana	We pray that we are included in the running of the project as landowners. Some people have not been compensated until now; we need the government to consider our issues.	Bilali Suleiman Ali	Your concerns have been noted and will be considered.
16	25 October 2018 stakeholder engagement at Kililana	Sometimes there is no openness. We do not disallow projects, but we need our farms measured, and the land acquisition process handled properly.	Ali Omar Ali	Your concerns have been noted and will be considered.
17	25 October 2018 stakeholder engagement at Kililana	Some people appear with title deeds during the compensation period claiming ownership of our land, especially as some of us do not possess title deeds to our land.	Farid Mohamad	Your concerns have been noted and will be considered.
18	25 October 2018 stakeholder engagement at Kililana	We need inclusion. How do we get jobs on the pipeline project? We should be given jobs, especially those that can be handled by our people.	Mohamed Rajab	Your concerns have been noted and will be considered.
19	25 October 2018 stakeholder engagement	People in other sections of the project have already had their land measured. Why has this not started in Lamu?	Jelani Omar	Your concerns have been noted and will be considered.

	Meeting	Issue/Question/Comments	Commentator	Response
	at Kililana			

13.0 CLOSURE

The meeting was closed with a word of prayer from the “Kililana A” headman after which the Chief and meeting facilitator thanked the community members for listening to the presentation and airing their views on the project.

Signature Page

Golder Associates (UK) Ltd



James Kambo
Stakeholder in-country lead (ESF Consultants)



Tim Flower
Project Manager

JK/TF

Company Registered in England No.1125149.

At Attenborough House, Browns Lane Business Park, Stanton-on-the-Wolds, Nottinghamshire NG12 5BL

VAT No. 209 0084 92

Golder and the G logo are trademarks of Golder Associates Corporation

APPENDIX A

List of Attendees

Table 2: Attendees that signed the register and participated in the proceedings, grouped by organisation

	Name	Organisation
1.	Esha Boke	Awer Self Help
2.	Fatuma Mohamed	Awer Self Help
3.	Amina Zaidi Ali	Boni Sanye Community
4.	Mariam Ali Soloma	Boni Sanye Community
5.	Joyce Wasi Deri	Chanda Vahi
6.	Priscillar Kalu Kithi	Chanda Vahi
7.	Samuel Karisa Kasoza	Chanda Vahi
8.	Athman Bakari	Elder
9.	Faridi Mohamed	Elder
10.	Mohamed Shahasi	Elder
11.	Abdalla Said	Farmer
12.	Abdulahi	Farmer
13.	Ali Suleiman	Farmer
14.	Athman Aboud	Farmer
15.	Azudin H Mohamed	Farmer
16.	Baraka Wasi	Farmer
17.	Boniya Kafa	Farmer
18.	Faraj Bakar Jabu	Farmer
19.	Fikiri Kazungu	Farmer
20.	Francis Obongi	Farmer
21.	Idris Shambaro	Farmer
22.	Margaret Kassim Ali	Farmer
23.	Miki Mohamed Famau	Farmer
24.	Mohamed Abdalla	Farmer
25.	Mudhafar M. Moli	Farmer
26.	Mustafa A Abdulrahman	Farmer
27.	Shamsa Stambul	Farmer
28.	Shee Kibabe	Farmer
29.	Silas Kimathi	Farmer



	Name	Organisation
30.	Swalehe Mohamed	Farmer
31.	Yusuf Gedeon Mafona	Farmer
32.	Zein Ahmed	Farmer
33.	Taumu Bakari	Farmers
34.	Umi Sadi	Fatahi Group
35.	John Njenga	Hindi Association
36.	Halima Madi Mohamed	Kililana Farm Group
37.	Farida Alphones	Kililana Farmer
38.	Muslima Bele	Kililana Farmer
39.	Stambul Shally	Kililana Farmer
40.	Abderehman Mohamed	Kililana Farmers
41.	Abdulrahman Elema	Kililana Farmers
42.	Ahmed Abdulkadir M.	Kililana Farmers
43.	Ahmed Adnan	Kililana Farmers
44.	Ahmed Bakari	Kililana Farmers
45.	Ahmed Mustafa	Kililana Farmers
46.	Ali Swaleh	Kililana Farmers
47.	Altarangwi Charles	Kililana Farmers
48.	Amina Kuso Athman	Kililana Farmers
49.	Ari Obo	Kililana Farmers
50.	Athman Adi	Kililana Farmers
51.	Athuman Muhamad	Kililana Farmers
52.	Bakari Mohamed	Kililana Farmers
53.	Burhani Mbwa Juma	Kililana Farmers
54.	Bwanahamadi Shigoo	Kililana Farmers
55.	Dr Kombo Mohamed	Kililana Farmers
56.	Fatuma Mbake	Kililana Farmers
57.	Feiswal Yassin	Kililana Farmers
58.	Feswal Kassim	Kililana Farmers
59.	Gharim Miraj	Kililana Farmers
60.	Halima Yusuf Abdalla	Kililana Farmers

	Name	Organisation
61.	Hamid Athman Somai	Kililana Farmers
62.	Hamid Muhamad	Kililana Farmers
63.	Hassan Abdalla	Kililana Farmers
64.	Hassan Shafii Shetai	Kililana Farmers
65.	Hilali Suleiman	Kililana Farmers
66.	Hussein Mohamed	Kililana Farmers
67.	Ibrahim Omar Ibrahim	Kililana Farmers
68.	Issa Ali	Kililana Farmers
69.	Jelani Omar	Kililana Farmers
70.	Kazungu Lawrence	Kililana Farmers
71.	Lailatu Stambul	Kililana Farmers
72.	Margret Diramu	Kililana Farmers
73.	Mariam Mohamed	Kililana Farmers
74.	Mariam Simba Mohamed	Kililana Farmers
75.	Mohamed Abdullatif	Kililana Farmers
76.	Mohamed Ali Mohamed	Kililana Farmers
77.	Mohamed Kubwa	Kililana Farmers
78.	Mohamed Rajab	Kililana Farmers
79.	Muhsin Mohamed	Kililana Farmers
80.	Munir Mohamed	Kililana Farmers
81.	Mwalimu Shee Mwalimu	Kililana Farmers
82.	Nasir Adhinani	Kililana Farmers
83.	Nassir Kulisa Godana	Kililana Farmers
84.	Omar A. Bakari	Kililana Farmers
85.	Omar Farsi	Kililana Farmers
86.	Rehema Huko Hiribae	Kililana Farmers
87.	Riziki Mlanda	Kililana Farmers
88.	Saidi Ahmed Maulana	Kililana Farmers
89.	Salimu Wayu	Kililana Farmers
90.	Stephen Waweru Kinyua	Kililana Farmers
91.	Stephene Mwadime	Kililana Farmers

	Name	Organisation
92.	Tima Swalehe	Kililana Farmers
93.	Tuni Lukicha	Kililana Farmers
94.	Yahya Mzee	Kililana Farmers
95.	Zahara A Gure	Kililana Farmers
96.	Amina Omar	Kililana Farmers Group
97.	Fasiha Badi	Kililana Farmers Group
98.	Fatuma Kasim	Kililana Farmers Women Group
99.	Mwana Amina Amin	Kililana Farmers Women Group
100.	Shumi Bamkuu Parua	Kililana Farmers Women Group
101.	Abdalla Mohamed	Mashundwani Farmer
102.	Mohamed Bunu	Mashundwani Farmer
103.	Danson Kariuki	Pastor
104.	Daudi Bakari	Tandavae Group
105.	Mjahid Omar	Tandavae Group
106.	Najim S. Mohamed	Trader/ Farmer
107.	Ali Mohamed Omari	Village Elder
108.	Mohamed Kombo	Village Elder
109.	Abdul Ahmed	
110.	Abdulah Futuki Balisa	
111.	Abdullahi Guyo	
112.	Ali Omar Ali	
113.	Mustafa Yasin Mustafa	
114.	Sakahdeen Ahmed	
115.	Yusuf Mohamed	
116.	Zeinab Mbwana	
117.	Lali Baishe	
118.	Mwanabela Amini	
119.	Bilali Suleiman Ali	
120.	Farid Mohamad	

APPENDIX B

Presentation

The Proposed Lokichar to Lamu Crude Oil Pipeline Project (LLCOP)

STAKEHOLDER CONSULTATION COUNTY LEVEL UPDATE WORKSHOP



October 2018

1

WELCOME AND INTRODUCTION

Welcome

Introductions


LOKICHAR TO LAMU CRUDE OIL PIPELINE PROJECT 2

2

AGENDA

BASELINE STUDY MEETING: LOKICHAR TO LAMU CRUDE OIL PIPELINE PROJECT

1. Purpose of Meeting
2. Project Team
3. Project Background
4. Project Description
 - 4.1 Overview
 - 4.2 Route
 - 4.3 Technical Aspects
5. ESIA Process
 - 5.1 ESIA Process
 - 5.2 ESIA Focus
6. Consultation Process
7. Discussions
8. Way forward
9. Closure





3

3

1. PURPOSE OF MEETING

- Introduce the Proposed Lokichar to Lamu Crude Oil Pipeline Project and delivery teams.
- Provide an overview of proposed ESIA approach.
- Discuss the proposed project.
- Identify issues, comments and responses regarding the proposed project and associated approach.
- Indicate what will happen with the information.
- Indicate how stakeholders can participate in the future.


LOKICHAR TO LAMU CRUDE OIL PIPELINE PROJECT 4

4

2. PROJECT TEAM




2.1 LAPSSET

The lead Government of Kenya organisation and leasor of land to the Pipeline.







2.2 PPMT

The Pipeline Project Management Team – consisting of the Governed of Kenya, Tullow Oil plc, Africa Oil Corporation and Total Oil.

2.3 ESIA CONSULTANT

Golder Associates, an independent ESIA consultant selected by GoK-led tender process. ESF Consultants, a Kenya based environmental management consultant is the in country Kenyan component.

LOKICHAR TO LAMU CRUDE OIL PIPELINE PROJECT 5

5

3. PROJECT BACKGROUND

3.1 PROJECT NAME

Proposed Lokichar to Lamu Crude Oil Pipeline (LLCOP)




3.2 BACKGROUND

- Pipeline is Part of LAPSSET
- Part of vision 2030
- Key components

Lamu port, highways, oil pipelines, railway international airports, resort cities, High Grand Falls dam.

3.3 ADDITIONAL COMPONENTS

Electricity transmission, fiber optics, water supply.

LOKICHAR TO LAMU CRUDE OIL PIPELINE PROJECT 6

6

4.1 PROJECT DESCRIPTION: OVERVIEW

- The proposed Lokichar to Lamu Pipeline project is an onshore pipeline development from oil an field in Lokichar to a marine export facility in Lamu.
- The purpose of the project is to provide transportation, storage and export of the heavy and waxy crude oil.
- The project will link the Upstream oil fields (being permitted separately) with international markets.
- Construction time is anticipated to be approximately 24 months.
- The production life of the project is expected to be 30 years.
- Partners:
 - Government of Kenya.
 - Tullow Kenya B.V.
 - Africa Oil Turkana Ltd.
 - TOTAL.
- Size of stations along the way approximately 150m X 150m.

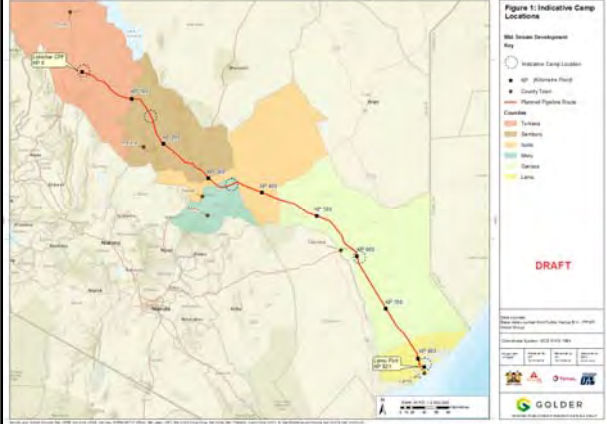
7

4.2 PROJECT DESCRIPTION: ROUTE



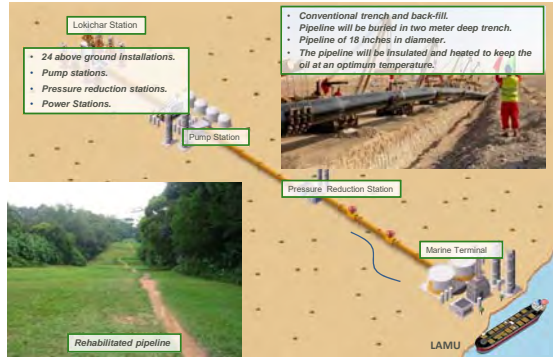
8

INDICATIVE CONSTRUCTION CAMP LOCATIONS



9

4.3 PROJECT DESCRIPTION: TECHNICAL



10

5.1 ESIA PROCESS

Requires an Environmental and Social Impact Assessment (ESIA) [(Environment Management and Co-Ordination Act (1999).]

Scoping Phase

- Baseline data collection to serve as reference framework.
- Identify potential social and environmental impacts.
- Stakeholder engagement.

Project Report and ToR

- Setting out potential impacts to be considered.
- Stakeholder engagement.
- Proposed assessment method and approach and significance evaluation.

ESIA Phase

- Assess the positive and negative impacts of the LLCOP.
- Stakeholder engagement.
- Development of mitigation and management measures.

ESIA Report

Submitted to NEMA for review and decision.

Timeframe

March 2018 to May 2019.



11

5.2 ESIA FOCUS



12

6.1 STAKEHOLDER ENGAGEMENT PROCESS: SCOPING



13

6.2 STAKEHOLDER ENGAGEMENT FOCUS

- Legal Requirement.
- Opportunity for stakeholders to participate in ESIA process.
- To inform and consult
- Integrate and consider stakeholder viewpoints in the ESIA.
- All stakeholder contributions recorded and disclosed.
- Identify vulnerable groups, including women, the youth, indigenous peoples and disempowered people.
- Information in public domain.
- Provide feedback on results and information use.

14

7. DISCUSSION

Facilitated by Mr James Kambo.

- Please provide your name and surname.
- Focus on LLCOP.
- Land related issues addressed by NLC.
- Complete comments and registration sheet.

15

7. WAY FORWARD

- Event timelines.
- Future consultation.
- Availability of information.
- Record Key issues for each meeting.
- Project deliverables.
- ESIA process continuation.

16

Closure

17



golder.com