



MINISTRY OF
EDUCATION
STATE DEPARTMENT OF
VOCATIONAL & TECHNICAL
TRAINING



Kenya Coast National Polytechnic

REGIONAL FLAGSHIP MARINE TRANSPORT AND
PORT LOGISTICS CENTRE



Vol 1

Bulletin

Council Members



Anne M Mbogo (Mrs)
Principal-Project Coordinator



Prof. James Kanyua
Council Chairman



Mr Sammy Akilimali
Council Member



Dr, Gracie Mulei
Council Member



Ephraim Munene
Council Member



Mr. Osman Varwani
Council Member



Julius Mwengei
Council Member



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Industrial Advisory Board



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Shipping & Logistics



Betty Makena
International Transport
Workers Federation (ITF)



Mr Juvenal Shiundu
Chairman BoD Kenya
National Shipping Line



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GM African Marine Company



Charles Wasike
Group Operations Manager
Heritage Group of Hotels



Mr. Eric Misoka
Marine Officer
Kenya Maritime Authority



Mr. Robert Watene
Chartered Ship Broker



Captain Fiorenzo Castellano
MD Mediterranean
Shipping Company Kenya



Mr Tendai Lewa
Managing Trustee
The Foundation for Law &
Governance



Mr Carl Lorenz
MD Maersk
East Africa Area



Mr Steve Owaki
Secretary General
Seafarers Union



Anne M Mbogo (Mrs)
Chief Principal-Project Coordinator



Kevin Ochieng'
Centre Leader



Magdalene Kituku
Project Industrial Liaison Officer



Mr Clarkson Bolo
Finance Officer



Mr. Elphas Muge
Monitoring & Evaluation



Ms Dorothy Nyagitare
Procurement



Mr Paul Ochieng' Omolo
Environment & Social Safeguards

Kenya Coast National Polytechnic & The Eastrip Project

In October 2018, Kenya Coast National Polytechnic (KCNP) was competitively selected by the World Bank and the Government of Kenya to develop a Regional Flagship TVET Institute (RFTI) in Marine Transport and Port Logistics. This is under the project called East Africa Skills for Transformation and Regional Integration Project dubbed (EASTRIP). The Polytechnic was among sixteen Regional Flagship TVET Institutes chosen from Kenya, Tanzania and Ethiopia. The other RFTIs in Kenya are Meru Polytechnic, Kisumu Polytechnic, Kenya Institute of Highways & Building Technology and KenGen - Geothermal Training Institute.

The main objective of the project is to increase access and improve the quality of TVET programs as well as strengthen regional integration in East Africa. The project aims to build capacity for management and staff, develop industry linkages, develop market relevant curriculum, upgrade key facilities and contact outreach at non-project TVET institutions.

Consequently, KCNP is in the process of developing a Marine Campus in Kwale County to enrol and train students in Maritime related courses. The aim is to provide skilled personnel for the little exploited Blue Economy in East Africa. In readiness for this, KCNP has procured modern Marine equipment for training in the Maritime campus. It has further awarded contracts for the construction of the Marine Campus.

Under EASTRIP, KCNP offers the following programmes: Marine Engineering – Craft Certificate in Marine Engineering, Artisan in Seafarers; Shipping – Certificate in Shipping Management; Ocean Freight – Diploma in Marine Transport and Port Logistics, Craft Certificate; Cruise Services and Management – Craft Certificate in Tourism Operations and Tour Guiding Operations (level 4).

CAPACITY BUILDING OF STAFF

The EASTRIP Project has played a very major role at various levels. Under normal circumstances this would not have been possible given the high costs involved. 18 Heads of Department

both academic and non- academic, were sponsored to undertake a one-month Senior Management Course at the Kenya School of Government; 10 Heads of Sections undertook a Supervisory Course at the Kenya School of Government, 6 Secretaries/admin assistants were trained on Public Relations and Customer Care and other 4 front office staff were trained on sign language. Apart from this, the Project Implementation Unit and 6 other staff were taken through a week's course on Project Management programme (PMP) and other capacity building programmes to enable them team implement the project effectively. 6 trainers from across departments were sponsored to undertake a pedagogy training course at the Kenya Technical Trainer's College. Two more staff are in the process of beginning their masters programmes in marine engineering so as to help them jump start the process of training at the maritime school.



Proposed designs for the regional flagship marine transport & port logistics centre

Attachment

Curriculum Development

As per the Kenya Coast National Polytechnic Order, 2016; KCNP is mandated to develop and deliver curriculum in different areas. Through the EASTRIP project and with the support of various industry stakeholders and Industry Advisory Board, we have so far developed 13 demand driven and market relevant competence-based curriculum. These were informed by a labour market survey that was carried out by sun-maker energy and whose report has been published. Some of the curricula developed include;

1. Marine Blasting Level 3
2. Marine painting level 4
3. Marine welding level 4
4. Marine welding and fabrication level 5
5. Cruise animation level 4
6. Cruise animation level 5
7. Port logistics level 6
8. Cargo Handling Operator level 4
9. Marine Plumber level 4
10. Ship Cook curriculum.
11. Marine Refrigeration and Air Conditioning technician level 4
12. Marine Refrigeration and Air Conditioning technician level 5
13. Cargo Handling Operator level 5



Curriculum development exercise for CBET courses with representatives from Curriculum Development, Accreditation and Certification Council (CDACC), Kenya Maritime Authority (KMA), industry and trainers.

Thirty members of staff have undertaken attachment in industries related to the project. So far, five cohorts have completed their attachment. KCNP has managed to send these staff on industrial attachment through the intervention of the experienced and seasoned Industry Advisory Board (IAB). The IAB is composed of 86% of industry representatives from the Maritime, Port Logistics and Hospitality sectors who offered attachment opportunities to the staff or approached relevant industries to allow KCNP staff undertake attachment. Furthermore, partner industries, which have signed Memorandums of Understanding (MoUs) with KCNP, boosted staff and students' attachment. The industrial attachment has made the staff learn the current market trends in their areas of specialization. It also gave the staff an opportunity to pick best practices in the industries, some of which the staff have implemented in their departments.



30 staff have so far been attached at various industries

Foreign Students

Kenya Coast National Polytechnic has so far admitted 35 foreign students from East Africa. These students pursued a six months Certificate course in Shipping Management on a full scholarship under EASTRIP in line with KCNP's Strategic Investment Plan. The foreign students were drawn from South Sudan, Uganda and Tanzania. Twenty students were enrolled in collaboration with the Northern Corridor Transit and Transport Coordination Authority (NCTTCA). Students enrolled through NCTTCA are given monthly stipend for their upkeep. During their training, the students toured the industry including the Kenya Ports Authority to learn more about the maritime sector. They undertook an international examination from the Institute of Chartered Shipbrokers (ICS) and graduated.



Foreign students from the larger East African region

Bench Marking Programmes

From the onset of the project a number of benchmarking tours have been undertaken to different maritime institutions as well renowned institutions in the maritime sector. Benchmarking was done with (RTI Kisumu, Egerton University, Caribbean Maritime University, National Institute of Technology Tanzania, Arab Academy for Science Technology and Maritime Transport & Seychelles Maritime Academy. The objective of this benchmarking programmes was to:

- 1 To seek strategic partnership with identified training institutions offering maritime related Programmes
- 2 Seek opportunities for staff exchange Programmes
- 3 Explore sea time opportunities for Marine Trainers and Trainees
- 4 To promote the Polytechnic Programmes with an objective of attracting regional students
- 5 Learn best practices in curriculum delivery



KCNP staff hosted at Arab Academy AASMT

A number of benchmarking visits have been undertaken;

1. Arab Academy AASMT
2. National Institute of transport in Tanzania
3. Daresalaam Maritime Institute
4. Seychelles
5. Kisumu Railway training institute – marine school
6. Carribean Maritime Academy

Stake Holder Forums

Kenya Coast National Polytechnic has held a number of Stakeholders' forum A total of 57 Stakeholders from different Maritime Organizations, government agencies, the private sector and the community . Some of the stakeholders include Kenya National Shipping Line, Women in Maritime Sector (Womesa), Kenya Coast Guard Services, Kenya Ports Authority, Kenya Ferry Services, Voyager Beach and Resort among others attended, Representatives of County and National Government among others

The industry players have assisted the Polytechnic in various ways, including but not limited to:

- 1 Providing opportunities for students and staff attachment
- 2 Assisting in the development of competence based curriculum
- 3 Facilitating students and staff exchange programmes with regional and international Institutions
- 4 Recommending regional students to train at the Polytechnic
- 5 Linking the Polytechnic to recruitment agencies
- 6 Providing employment opportunities to the Polytechnic graduates
- 7 Providing opportunities for students to acquire sea time
- 8 Entering into collaborations with Industries and education Institutions
- 9 Sharing of equipment and facilities for

Staff Exchange

In pursuit of attaining the Project Disbursement Linked Indicators (DLIs), KCNP sent three trainers to National Institute of Transport (NIT) to undertake the staff exchange Programme from 28th February to 28th March, 2022. The trainers were Mr. Fidelis Mayende, Mr. Nahashon Gichina and Mr. Boniface Omariba. This was actualized because of the Memorandum of Understanding (MoU) signed between KCNP and NIT during NITs visit to KCNP between 6th and 8th June 2021. The purpose of signing the MoU was to enable the two RFIs to synergize on areas of mutual interest that would enable both institutes attain the DLIs, one of which is ensuring staff exchange takes place in RFTIs.



3 staff have undertaken staff exchange Programme at the National Institute of Transport in Dar-es-Salaam: Fidelis Mayende – Logistics Nahashon Gichina – Mechanical Bonface Omariba – Automotive



From far left to the right: Evans Cheruiyot on industrial attachment at Kenya Ferry Services Limited



2 stakeholder forums have been held to sensitize the public on EASTRIP programmes and also to validate curriculums

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KENYA COAST NATIONAL POLYTECHNIC EASTRIP STAKEHOLDERS FORUM



**HELD AT VOYAGER BEACH RESORT, MOMBASA KENYA
17th MARCH 2021**

2 stakeholder forums
have been held to
sensitize the public on
EASTRIP programmes
and also to validate
curriculums

MOU's

KCNP has signed eight (12) Memoranda of Understanding (MoUs), two with education institutions and six (8) industries. The former are Institute of Chartered Shipbrokers (ICS) and National Institute of Transport (NIT) in Tanzania. The latter are industries related to the project. These industries are African Marine and General Engineering Company (AMGECO), Heritage Hotels Limited, Travellers Beach Hotel, Kenya Association of Hotel Keepers and Caterers (KAHC), Sun fire and Safety Supplies Limited and Port Management Association of Eastern and Southern Africa (PMAESA). The industries have been involved in providing experts to participate in the curriculum development process from the point of developing DACUMS, Occupational standards, Curriculum, assessment tools.

Enhancement of partnerships has played a crucial role in securing industrial attachment opportunities for both students and staff, internship and even more employment opportunities are now available as a result of these collaborations. Staff attachment is quite important given the ever changing technologies; attachment of trainers is important for keeping up with the changing industrial trends and technologies.



KCNP and NIT sign a Mutual Partnership Agreement at the KCNP Chief Principal's Boardroom. From far right to left: Mr. Kevin Ochieng, KCNP Centre Leader, Anne Mbogo (Mrs) KCNP Chief Principal, Professor Dr. Zachariah Mngilwa NIT Rector then Mr. Fabian Kisuka, NIT legal Officer.



KCNP has signed 10 MOUS both with institutions and Industries in the maritime field. 2 MOUS have been signed with Institutions and 8 with Industries.

Kwale Land

Through the efforts of Kwale County government led by the former governor and who is the CS in the ministry of Mining, Blue Economy and Maritime Affairs Hon Salim Mvurya, KCNP received a donation of 40 acres of land. The land initially belonged to the Waa Community and forms the ground where the maritime training campus is being constructed. Through support from all the stakeholders involved; The Waa Community, both the National and County Government, KCNP was handed the Land Title Deed. The area is well positioned for the construction of the Maritime Centre given its proximity to the ocean and location in a Tourist attraction site.



KWALE LAND

Grievance redress committee was established with representatives from the Kwale community. The community through the county government of Kwale donated 40 acres of land for construction of the Marine School.



Kwale Landt

Infrastructural Development and Mentoring

Apart from the maritime Centre Being developed at waa in kwale; through the EASTRIP project KCNP rehabilitated its existing infrastructure. This includes renovation of 4 workshops at the engineering complex and corner restaurant by replacing the existing floor with terrazzo type among other renovations done. KCNP also improved its ICT infrastructure; acquisition of

Learning Management System for online training. Through the KCNP LMS, KCNP was able to mentor and support other institutions on its use. KCNP is also mentoring Ukunda Youth Polytechnic a non-Project TVET institution as one of the deliverables of the project.



Corner Restaurant

Alumni



Alumni inaugural meeting took place at Voyager Beach Hotel as part of the process of institutionalizing linkages

Marine Courses

COURSE CODE	COURSE	MINIMUM QUALIFICATION	DURATION	EXAM BODY
MARINE ENGINEERING				
CRME	Craft Certificate in Marine Engineering	D	2 Years	KNEC
RAC 5	Refrgeration & Air Conditioning (level 5)	D	1 Year	CDACC
ASF	Artisan in Sea Farers	KCPE	1 Year	KNEC
SHIPPING				
CSM	Certificate in Shipping Management	D	6 Months	ICS
OCEAN FREIGHT				
DMTL	Diploma in Marine Transport & Port Logistics	C-	3 Years	KNEC
CMTL	Craft Cert. in Marine Transport & Port Logistics			
OCEAN FREIGHT				
CRCTO	Craft Certificate in Tourism Operatations	D	2 Years	KNEC
TGO (4)	Tour Guiding Operations (Level 4)	KCSE	6 Months	CDACC

Site Location - Kwale Site



- LEGEND**
1. Mtwapa
 2. Mombasa
 3. Moi international airport
 4. Miritini
 5. Mazaras
 6. Kwale
 7. Ukunda
 8. Diani
 9. Ukunda airstrip
 10. Indian ocean



The site is located about 18kms from Mombasa Town Centre, 17kms from Kwale town and 11kms from Ukunda. The neighborhood generally consists of dispersed residential developments. Waa shopping centre is located approximately 1km from the site along Likoni - Ukunda Road.



Our Partners

SUN FIRE & SAFETY SUPPLIES



P.O. Box 81220-80100
Kenya Coast National Polytechnic,
Kisauni Road,
Mombasa, Kenya