



NCC CONSTRUCTION SCHOOL

Skills Bulletin

Issue 1 - 2023

NCC SIGNS MOU WITH MINISTRY OF LOCAL GOVERNMENT & RURAL DEVELOPMENT IN LINE WITH THE DECENTRALISATION PROGRAMME

Inside this issue

The NCC Construction School Participation at the 19 ILO Regional Seminar for Labour Based Practitioners

NCC Board Chairperson, HON. ENG. Vitalis Moonga Mooya leads team on provincial sensitisation tours

Careers talks – promoting careers in construction

WORD FROM THE NCC ACTING EXECUTIVE DIRECTOR

We would like to welcome you to our first edition of the NCC Construction School's Skills Bulletin.

With the coming in of the decentralization policy and concomitant Constituency Development Fund, it is imperative that there is indeed a demand for skills and capacity development. With this, we hope to ensure as we build capacity and be a part of Government's solution of ensuring all infrastructure conforms to timely delivery, at the right price and of good quality.

With the coming of this magazine, we hope to highlight various programmes and activities to keep the industry and all our Stakeholders informed on what we are doing to fulfil one of our major mandates, of skills development and capacity building.

It is our desired hope that with our contribution to skills development, we are contributing in ensuring government and the private sector get value for their money as they embark on massive infrastructure investment. With skills development, we are also contributing to Government's vision of employment creation and ensuring the lives of all Zambians are enhanced.

We will endeavour to continue building capacity as a way of leveling the playing field, promoting our Zambian contractors, and contributing to economic independence for all.



Kabondo Lucky Muntanga
Acting Executive Director
NATIONAL COUNCIL FOR
CONSTRUCTION



Wendy Nambule Mukape
Principal – National Construction School
NATIONAL COUNCIL FOR
CONSTRUCTION

WORD FROM THE PRINCIPAL – CONSTRUCTION SCHOOL

It's with great excitement that we introduce to you our first edition of our skills bulleting. As the department bestowed with the honour of skills development and capacity building of the construction industry, we hope the magazine will be an able conduit for us to spread news of our capacity building and skills development activities.

In this edition we have captured the Government's flagship decentralization programme vis-a-vis the increased CDF which has exposed the skills gap which we, as the construction school, gladly accept the skills development challenge. As a starting point the NCC has signed an MOU with the Ministry of Local Government and Rural Development of which we have pledged to take NCC services nearer to our stakeholders.

Further, in this edition we talked about the courses we have undertaken and other activities as well as talked to our students who have passed through our trainings and are now our brand ambassadors in their afterlife of the Construction school. We further, endeavour to encourage women participation, hence in each magazine we shall be covering women in the industry who have passed through our school and making positive strides in the industry.

The magazine aims to be inclusive, hence articles will capture various groups in our society undertaking construction skills development to all corners of Zambia. Since we value all our stakeholders, we aim to establish a feedback mechanism in our magazine, hence we shall have a dedicated email, where we hope people will be interacting with us. Let us build our nation together through skills development. We pledge to keep 'Building Futures'.

Enjoy the read.

For queries or feedback
you can reach us on ;



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Group photo after the signing of the MOU between NCC and MLGRD From left to right - front row:

1. Eng. Malubila (Technical Advisor MLGRD)
2. Mr. Siakachoma (President NAMSSC)
3. Mr. Douglas Ngimbu (Secretary Local Government Commission)
4. Mr. Kabondo Muntanga (Acting Executive Director NCC)
5. Eng. Nicholas Phiri (Permanent Secretary MLGRD)
6. Hon. Ackson Sejani (Chairman Local Government Commission)
7. Eng. Eugene Hazele (EIZ- Past President)
8. Mr. Mbasela (Director ICT MLGRD)

NCC SIGNS MOU WITH MINISTRY OF LOCAL GOVERNMENT AND RURAL DEVELOPMENT IN LINE WITH THE DECENTRALISATION PROGRAMME

By Eng. Wendy Nambule Mukape

On May 4, 2023 The National Council for Construction (NCC) signed a Memorandum of Understanding (MOU) with the Ministry of Local Government and Rural Development to facilitate a collaborative, productive and beneficial working relationship for enhanced participation of local contractors in CDF projects.

The MOU was signed in line with the decentralisation programme under the UPND New Dawn Government to ensure accessibility of NCC services of registration of local contractors and skills development at district level as a way of enhancing local participation in CDF projects.

The MOU was signed at the MLGRD headquarters by the Permanent Secretary Technical Services Eng. Nicholas Phiri and the Acting Executive Director Mr. Kabondo Lucky Muntanga. The PS emphasised that with the decentralisation

programme which came with massive increase in the Community Development Fund (CDF) it was the wish of government that local participation will help build quality contractors, hence the MOU with NCC would help positively.

The NCC and the MLGRD decided to sign an MOU following the Government of the republic of Zambia's desirous to implement the CDF programme successfully in all communities.

One of the CDF key components was Community Projects. The successful implementation of this component needed good and qualified competent contractors and in order to decentralise and empower communities, this required that Local contractors' capacity got built and participate in the construction works.

Local contractors had requested that participation of CDF projects be restricted to contractors domiciled in the various constituencies. the MOU between the NCC and the MLGRD was conceived through the

culmination of increased demand of NCC services in view of increased Constituency Development Fund (CDF) projects, hence main objective of the MOU was, therefore, to increase NCC footprint for contractor registration as well as capacity building in line with skills development. NCC only has three regional offices; the Northern Region Office in Kitwe, Central Region Office in Lusaka and Southern Region Office in Choma.

The Acting Executive director for NCC, Mr. Lucky Kabondo, at the signing ceremony of the MOU assured the PS saying the NCC was equal to the task of building capacity as a way of ensuring sustainable infrastructure development and should be achieved at the right COST, TIME and QUALITY

The PS added that the Phenomenal Increment of CDF had resulted in substantial infrastructure development which he hoped the partnership would assist in ensuring Government gets value for money while improving the living standards of all Zambians.

TRACTOR TOWED TECHNOLOGY – AN ECONOMICAL & EFFECTIVE METHOD OF MAINTENANCE OF LOW VOLUME AND AND RURAL ROADS RURAL ROADS

By Eng. Musonda Mulenga

The National Council for Construction – Construction School has developed as part of its training program the Tractor Towed Technology Course. The course which ordinarily is supposed to be taught as a standalone course has been incorporated in the already existing course; the Earth Moving Plant Operators Course (EMPO) and the Road Construction and Maintenance Supervision Course and is gaining popularity.

Tractor Towed Technology is a Labor Based Technology concept of Road maintenance. It is a capacity building project that seeks to introduce a cost-effective and sustainable approach to rural road maintenance by using tractor-based technologies already successfully applied in a number of countries in the region including Zimbabwe and Mozambique.

This project complements Economic Growth

through Effective Road Asset Management and Climate Change programs and is a more cost effective way of maintenance as it is much cheaper than the highly mechanised machines.

In this concept, attachments such as a grader, bowlers, trailers, drags and many more are towed by a Tractor during maintenance and construction of Gravel Roads. For low volume paved road maintenance which are employed as labour based projects, the tractor will have attachments that aid construction of such roads using cold asphalt. The tractor during off season could be used for other uses such as farming and transportation in the rural communities.

The emphasis here should be that this technology does not reduce the quality of roads constructed and should meet the high quality of construction and performance.

ADVANTAGES OF USING THE TRACTOR TOWED TECHNOLOGY

There are clear cost and sustainability advantages in using tractor based technology for roadworks & other rural tasks, over heavy equipment methods with a much lower carbon footprint;

- » Tractor technology will promote development of indigenous MSMEs (Micro small & medium Enterprises) in the roads sector
- » Potential Increased tractor utilization & in turn increased profitability for owners
- » Can develop natural synergies with the agricultural sector
- » Can contribute towards local employment creation such as works, equipment maintenance & manufacturing
- » Tractor technology is simple and is designed for low operating costs
- » Durable and relatively easy to maintain and repair in the conditions typical of a limited-resource environment
- » Equipment can be manufactured or fabricated locally
- » Tractors are versatile and can be used for a wide range of tasks with locally fabricated attachments
- » Demonstrated and proven, affordable & sustainable tractor based road maintenance techniques.



Tractor grader in use

NCC

Enrolment in Grader & Excavator courses



Do you want to know how to operate a grader or excavator? Then Look no further because the National Council for Construction (NCC) Construction School is enrolling for a Certificate course in **Earth Moving Plant Operators Course and Tractor Towed Technology** .

The NCC Construction School is a TEVETA level one registered school.

The courses run for a period **of 3 weeks** with one week theory and two weeks practical at a cost of ZMK 7500 per course per machine.

The National Council for Construction offers **Boarding facilities** for students who wish to stay in boarding for the duration of the course.

Application forms and our 2023 School Prospectus are accessible on our website www.ncc.org.zm. t

“Women and Youth are encouraged to apply”.



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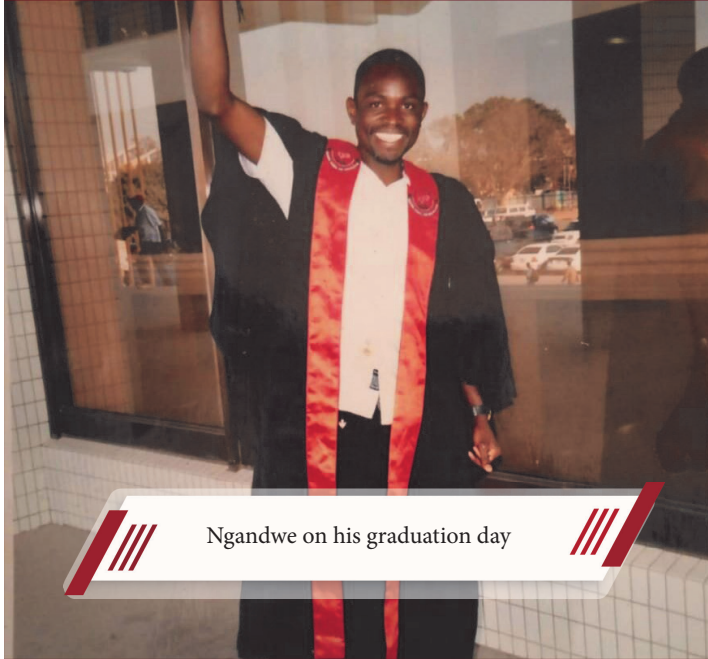


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NCC FORMER STUDENT CALLS ON YOUTHS TO TAKE UP SKILLS AWARD COURSES OFFERED BY THE NCC CONSTRUCTION SCHOOL

By Eng Stephen Kuwani



Ngandwe on his graduation day

Former student at the National Council for Construction (NCC) – Construction School, Charles Ngandwe, has called on youths in the country to apply and enroll for NCC courses which he described as highly practical and by the time anyone was graduating would be ready for the industry. Ngandwe who studied the Culvert and Drainage course in 2014 and later came back to do AutoCAD 2D course in 2016.

Ngandwe who works as the District Works Supervisor for the Ministry of Infrastructure Housing and Urban Development in Mporokoso, said he appreciated NCC Construction School for the skills that was imparted in him hence the reason he did two courses with the institution, as they had been helpful in his career progression.

At the time Ngandwe enrolled for his first course, he was unemployed. “At that time when I did the first course I was doing nothing the day we were closing with culvert course there came a contractor who picked me and took me to the construction sites on Mansa - Luwingu road where I worked as a foreman in charge of culverts construction” Ngandwe said.

In 2015 Ngandwe was joined Government, and after he did the AutoCAD course in 2016 and working for a while he was elevated and now he is a District Works Supervisor.

“During the training with NCC Construction School, We Were Fully baked in the Sense that we acquired the necessary skills and knowledge in the courses I undertook as there is a lot of practical training which has helped me a lot. NCC does not only do theory but has a practical training site where we were taken and were taught to do the things we learnt in theory on site” Ngandwe said.

“I therefore encourage my fellow youths to do courses with this institution which is more practical and closer to what us the learners want to learn and acquire the skill. The courses are hands on and very helpful” he added. Ngandwe further went on to add that the courses he did have helped him a lot and have had a lot of positive impact, as they have assisted him in his managerial aspect of his current job.

“The skills acquired made me to be able to design any kind of a structure and So far I have done drawings of which we have gone ahead to construct a number of bridges and culverts as well as road works” Ngandwe pointed out.

In further outlining the positives of him having undertaken the NCC courses and in him giving back to the community, Ngandwe said the community of Mporokoso had also benefited from his having acquired knowledge as he had been ensuring that he designed good standard house plans for them. In conclusion, Ngandwe said he was happy that the skills he has acquired enhanced his supervision and site management capabilities and was able to manage any kind of project with his head up.

He said he was happy that he was able to contribute to the development of this country by ensuring that government was able to get value for money through him supervising works well. In addition he said that the skill and knowledge he has acquired coupled with the experience he has gained thus far had improved his living standards and enabled him to provide well for his family. In his spare time Ngandwe said he is a Referee officiating Super league games in Zambia.

WOMEN SHOULD STRIVE TO CHALLENGE THEMSELVES AND TAKE UP COURSES SUCH AS GRADER OPERATOR

By Maureen Chomba

There are opportunities for women in the construction industry and all they have to do is Challenge themselves and first build their capacity through training says Sibamba Sendoi. Sendoi decided to do a career shift from accounts to venture in the construction industry and enrolled herself in the Roads Construction and Maintenance Supervision Course then later on enrolled in the Earth Moving Opera-

tors course to be a grader operator. Sendoi was the only woman in her intake enrolled to become a grader operator. "I would like to encourage my fellow women to take up construction in Zambia and also to take up courses in the construction industry to boost and build their knowledge in construction which is a very interesting sector" she said.

Initially, having worked as an accountant for various organisations, she decided to venture into farming which she has been doing for the last ten years, which enabled to visit many areas where she observed the poor road infrastructure.

She said when an opportunity arose for her to get some formal training she enrolled in the

roads course and also opted to be trained in heavy duty machinery so that she can actively contribute in building the much needed infrastructure especially in rural areas.

She says she was looking forward to train fellow women and girls in rehabilitating roads that lead to social services such as clinics, hospitals, markets and many other areas where gender roles for women lead them. "I hope this will encourage my fellow women to be actively involved in the development agenda of Zambia" says sendoi.

She says she looks forward to a day when she sees many women take up these roles in equal numbers to the men. Sendoi did her courses in 2022.



Sendoi posing in front of grader after practical session

MUNGWI COUNCIL CHAIRPERSON CALLS ON NCC TO CONDUCT SOME COURSES IN LOCAL LANGUAGES



The Mungwi Council Chairperson, Ms. Grace Chisanga Chomba, has made a passionate plea to the NCC, through its Construction School, to consider undertaking some courses in local languages as a way of accommodating everyone.

She added that the district had good trades people like bricklayers who

had the skill but no formal training and hoped NCC could find a solution of empowering them also.

“We have builders and other trades in the construction industry here in Mungwi who are very very good, but because they don’t have those certificates and qualifications they are cut out” Ms Chomba said. “Some of them, who actually have the skills and are good unfortunately were not fluent in English, hence I would like to ask you the NCC to please considers conducting some trainings in local languages especially the ones that are hands on, so that no one was left behind” she added.

She said some of the very good bricklayers and carpenters and other skills lose out on opportu-

nities but if the consideration is made by NCC to conduct some of the courses that just needs hands on a lot more people would have the opportunity to be trained. The Mungwi CS said NCC’s visit had brought hope to the contractors as they had many questions and she hoped NCC could assist them with what was required for one to register as a contractor as they were eager to join NCC and participate in the CDF projects.

She disclosed that women shy off from training projects despite having the skills in bricklaying and plumbing, hence, insisted that NCC assisted in building confidence in women as well as to relax entry requirements for both training and registration for women as a way of embracing them.

NCC EMBRACES THE RECOGNITION OF PRIOR LEARNING (RPL)

By Tec. Patrick James Chintu

NCC has embarked on training and certification of persons with skills excellence in the construction sector through the program known as Recognition of Prior Learning (RPL).

There is need to take note that there is diversity, flexibility in the manner people acquire skills, and RPL is there to make these ‘invisible skills visible.

RPL recognises knowledge, skills and attitudes that have been acquired in other forms of learning, which were not certificated. Therefore, RPL is a process of identifying, documenting, assessing and certifying formal, non-formal and informal learning outcomes against standards used in formal education and training. In addition, RPL provides an opportunity for people to acquire qualifications or credits towards a qualification or exemptions.

Recognition of Prior Learning is:

- I. a bridge between informality and formality;
- II. an optional pathway to attainment of qualifications;
- III. there to redress mechanism for people with skills but lack qualifications.

RPL is a process by which individuals can claim and gain recognition towards specific nation-

al qualifications, based on demonstrated learning that has occurred at some time in the past.

Hence, NCC through the Construction School has so far worked with institutions such as Habitat for Humanity Zambia, SolidarMed Zambia, Lubambe Copper Mines Limited and Sunshare Construction Company by implementing the RPL program as a way of empowering their workforce and acknowledging their skills and certifying them.

It is therefore a call to all training institutions to embrace RPL as it provides an alternative mode of assessing knowledge, skills and attitudes that someone has acquired through non-formal or informal learning as it is a helpful tool in certifying competences that are acquired outside the formal education and training system such as a workplace.





THE POWER TO SELF

By Eng. Chafungwa Mwansa

There are some sets of skills that are lacking in the Zambian construction industry. These are skills of the practical and technical nature, called hands-on skills in layman's terms. The educational curriculum in teachings lack practicals.

To illustrate the issue, I will discuss roads construction. On an anecdotal basis we generally accept that if an all-Zambian team were to Design and Build a road, something would go wrong. We also know that if there is a foreign national standing at a site as a foreman, things generally work better. We can argue these points and am sure our engineers will beg to differ, but I know this to be generally true and the point of this article is to introduce and motivate for a solution.

As with most things, the answer is in the question. Zambians at Higher educational levels need practical training (months) and experience (in years). The frowning upon of the blue collar work needs to end and the stigmas removed. Our most treasured gadgets and property are made by blue collars – fact.

If you are reading this in printed copy, someone likely without a degree over saw the printing for you. If you are reading an electronic version of this, it means some Chinese or Korean blue collar individual made the computer or the smart application that you are using.

I still say, in Zambia we would not encourage our own children to pursue such a career and would prefer they sit in some office receiving a salary (typically below the bread basket for survival) or at home looking for a 'proper' job. We ourselves would not like to operate such a blue collar enterprise at least not from the factory floor. We could perhaps enjoy sitting in a boardroom barking instructions, and likely frustrated because operations are not smooth.

I therefore introduce an entity that is changing the landscape. The National Council for Construction (NCC). This organization or school is quasi-government. It has sufficiently resourced trainers in all matters related to construction. The program is designed with the African conditions in mind. I am a graduate of a three month Roads Construction and Supervision Course'. The wealth

of practical skills and knowledge gained in the three months was cemented and transformed into a business. Having graduated almost 10 years ago from NCC, I can testify that practical experience is very painful. I can also testify that only through structured learning can one fully grow to the potential we sometimes imagine when we are at university.

The fact that I am a university graduate might sound like a contradiction, but I would like to assert that nothing is straight forward in life. the elephant in the room is money and I know that my motivation in my earlier days was to have enough wealth to afford a so called modern life. The path ownership and financial freedom lies not in my university education but rather in the practical skills that I picked up in a 3 months course.

I now find income in carpentry work, something that I started learning as I edged towards 40 years of age.

I am now aware that, as a graduate of NCC, I know more about the practicalities of constructing a road than that of a graduate engineer i.e at my time of graduating. I know more about pricing and bidding for a tender than I knew from the Post Graduate qualifications obtained from the University of Cape Town (Generally accepted as the best in Africa).

I can create a program for work for a particular contract and plan the schedule right down to the daily tasks for those employed. I can be firm and understand the politics of labourers. These skills were hidden from my sight in all sorts of cours-





HELP -MY THOUGHTS



es that I have taken at university. These are the skills we observe in our foreign investor class. Thus the rhetorical question, did I need my parents to sacrifice huge sums of foreign exchange in order that they have the bragging rights that

I am a degree holder, or could they have taken to a simpler (cheaper but less prestigious) but tougher route of NCC practical training and allow their child to sweat for a decade to gain experience? I know that most graduates would rather have money in the bank than a certificate on the wall. Parents are choosing poverty for their children.

Educated but cannot even raise a K100 per day in our Confucian arrogance. Do average families need to aspire for inaccessible and unaffordable higher education? Can't our contribution to society be measurable in delivery of goods and services of quality, rather certificates on the wall?

I am not suggesting that the short courses offered by NCC or other trades schools supercede university, and please don't get me wrong. I am suggesting that Zambia still has a continuous flow of foreigners who bring skills in boiler making, carpentry, electrical installations, green energy solutions, roads construction, fabric manufacture, basic mining, food and beverages, animal husbandry, high yield farming, fish farming, etc.

The list is illustrative and not exhaustive. We can thus refocus some of our learners

and perhaps learn some new skills for a betterment of ourselves and Zambia. Bottom-line, the areas of practical training that we avoid are areas in which others are seeing opportunity and making money, i.e. wealth.

Do we have a hindrance to learn and take advantage of our markets? No. The problems lies in how the concept of education was introduced to us. We work from 08 hours to 17 hours, whilst those who gave us those timetables are working shifts in their factories in Zambia, or abroad. We are sold on the wrong software, and hence become our hindrance and enemies in success. Thus this author advises the Youth – learn a skill that suits your personality, use this skill and grow it over time. Become an expert.

To the experts and educated – take a short course, if for example you are in construction and especially a new graduate with no experience at all, you can for example enroll at NCC or any college offering courses in building technology, paving technology, carpentry, bricklaying, materials testing, surveying or roads construction. Use these skills to amplify what you already know in your field or vary the field and follow the opportunities that the foreigner follows.

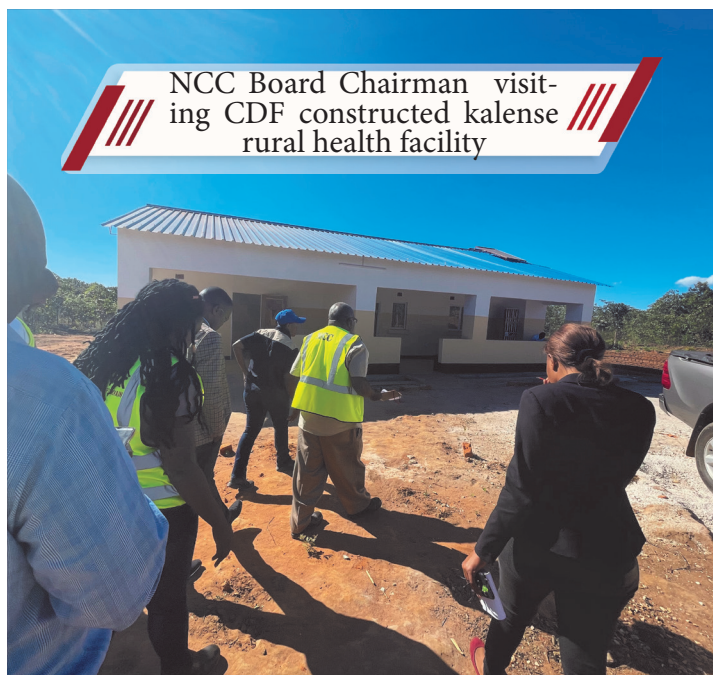
To those in between – visit NCC or other Tevet Colleges. Learn a skill. You are not a failure because grade 7, 9 or 12 did not work. These grades were not created to help Africans grow. Others have the skill and technical knowhow but are barred coz of the level of education. I will emphasize that having enrolled at NCC, their courses are highly practical which enable you to advance your knowledge in any skill in construction. The courses are hands on and construction industry is more practical than theory!

No one is a failure. Everyone can be an expert in their own field and make a decent living.

The author is a former NCC Construction School Student. He enrolled at the Construction school in the Road Construction and Supervision Course in 2013 just after completing his BSc in Civil Engineering.

NCC BOARD CHAIRPERSON, HON. ENG. VITALIS MOONGA MOOYA LEADS TEAM ON PROVINCIAL SENSITISATION TOURS

By Eng. Lusubilo Ng'ambi



The National Council for Construction (NCC) led by the Board Chairperson kicked off sensitisation tours of provinces on the MOU that was signed on May 4, 2023 between the NCC and the Ministry of Local Government and Rural Development following the New Dawn Government's decentralisation policy.

The MOU was signed as a way of NCC making its services accessible in areas where they do not have official presence to ensure that registration of local contractors and skills development services are available at district level as a way of enhancing local participation in Constituency Development Fund (CDF) projects at the lowest level.

In Northern Province the first stop was the office of the Northern Province Permanent Secretary Mr. Bernard Mpundu. Mr Mpundu said the coming on board by the NCC came in handy as a partner in decentralisation as it would help enhance capacity of the local contractors, local authorities and the communities at large.

He emphasised the need to work together on various initiatives that improve the living standards of the people of Zambia and emphasised the need to assist the youth who wanted to venture in construction as entrepreneurs.

The Board Chairman called on all to uphold professionalism in carrying out works especially that there

was good political will as evidenced through the increased CDF. Hon. Engineer Vitalis Mooya further emphasized that contractors undertaking construction works to ensure adherence to the three pillars of project management namely timely delivery of projects, within the right cost and of quality infrastructure.

The successful implementation of the increased CDF component needed good and qualified competent contractors and this required that Local contractors' capacity was built. It was evident that the CDF would empower Local contractors that have even requested that participation of CDF projects be restricted to contractors domiciled in their various respective constituencies.

The Board Chair visited Southern, Copperbelt and Northern provinces and paid courtesy calls on the various Government officers in the respective provinces and districts. The Board Chairperson was impressed with the workmanship exhibited on CDF projects and was encouraged that the projects were strictly reserved for Zambian contractors who were eager to undertake works in a professional manner. "I am impressed that Zambian contractors are being given opportunities to build these projects as this would empower and grow them" he said.

The Board Chairperson, further added that the NCC was happy that the CDF projects had adopted the bottom up approach which allowed decisions to be made by the people affected at the grassroots.

He added that from the projects visited it was evident that the CDF projects were empowering Zambian contractors in the lower grades.





NCC
Enrolment

SUSTAINABLE BUILDING WORKS SUPERVISION

The National Council for Construction (NCC) Construction School is enrolling for Certificate courses in **Sustainable building works supervision**

The NCC Construction School is a TEVETA level one registered school.

The courses start will run for a period of **8 weeks** at a cost of **ZMK 5100**

The National Council for Construction offers Boarding facilities for students who wish to stay in boarding for the duration of the courses.

Application forms and our 2023 School Prospectus are accessible on our website **www.ncc.org.zm**.

GET IN TOUCH

Plot 1612/1623 Luchengo Road,
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“Women and Youth are encouraged to apply”.



Modern ablution blocks-
Kasama Girls



Kanuma culvert bridge -
Mungwi

SNAP SHOT OF NORTHERN PROVINCE SENSITISATION VISITS CDF PROJECTS

KASAMA DISTRICT TOWN CLERK

The NCC in Kasama was received by the Kasama Municipal Council Town Clerk; Kasonde Chisanga Musongole. She advised the youth and women to be very open minded as the CDF offered opportunities they needed to tap in. She further added that with the decentralization, she hoped to see a solution to the lengthy procurement processes which delayed project implementation.

CDF PROJECTS VISITED IN KASAMA

A few selected projects in Kasama being implemented under CDF were visited to have an appreciation of the quality and how the Zambian contractors were performing. The following projects were visited:

Project name: Construction of a Modern Ablution Block at Kasama Girls High School
Contractors Name: Town Mouse Enterprises Limited

Project Name: Completion of Kalense Clinic
Contractors name: Kimwisah General Dealers and Contractors Limited
Ward: Julia Chikamoneka

Project Name: Construction of Chishimba Market and Ablution Block
Contractors Name: Latex Logistics Limited
Ward: Kasenga

Project Name: Construction of 1 x 3 Classroom Block at Chilubula Day Secondary School
Contractors Name: Vinyinza Contractors and Agro Business
Ward: Bululu

MUNGWI DISTRICT ADMINISTRATIVE OFFICER (DAO)

The District Administrative Officer (DAO) Mr. Vincent Phiri said that decentralization policy of the New Dawn Government was good for development and sustainability.

He added that the MOU would bring sanity and improve quality of infrastructure in the district which eventually would bring economic independence to all Zambians especially those in the rural areas.

MUNGWI COUNCIL CHAIRPERSON

the Council Chairperson, Ms. Grace Chisanga Chomba, said the NCC's visit had brought hope to the contractors as they had many questions and she hoped NCC could assist them with what was required for one to register as they were eager to join NCC and participate in the CDF projects.

CDF PROJECTS VISITED IN MUNGWI

CDF Projects in Mungwi

Contractors Name: Popla Agro Dealer Limited
Project Name: Completion of Kanuma Box Culvert
Ward: Mungwi Central



NCC BOARD MEMBERS TOURS THE CONSTRUCTION SCHOOL FACILITIES

The National Council for Construction (NCC) Board Members visited the National Construction School to have a physical appreciation of the school infrastructure on May 12, 2023. The Board members were led by the Board Chairperson Hon. Eng. Vitalis Moonga Mooya and was accompanied by the Education and Training Committee Chairperson Ms. Pule Kumalinga and the Registration and Regulations Committee Chairperson Ar. Owen Mathotho.

The Board members were taken round to see the classrooms, hostels, workshops, canteen, library and the Materials Testing Laboratory. The Acting Executive Director Mr Kabondo Lucky Muntango called for support to ensure the infrastructure was upgraded so as to continue offering quality skills training and to raise its profile as in future the School wants to introduce diploma courses.

The Board, through the Chairperson encouraged management to ensure that the school's potential be harnessed. Board members observed that in its current state the laboratory had potential to improve and expand, and further encouraged to ensure the laboratory as well as the other facilities were well looked after and maintained. They added that the School should explore other ways of partnerships to enhance its portfolio.

MPOROKOSO DISTRICT COMMISSIONER (DC)

The District Commissioner, Mr. Brian Muyuni said they had many contractors in Mporokoso who wished to take part in construction works but were not registered and added that they did not want to compromise on CDF quality of construction projects, hence they needed more people to have a know-how and capacity through institutions like NCC.

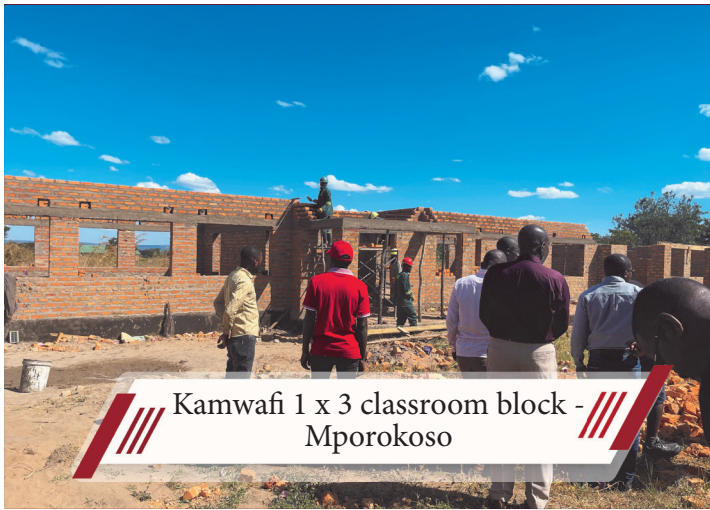
MPOROKOSO COUNCIL SECRETARY (CS)

The Council Secretary, Thinkwell Mwaba, was positive that the CDF and decentralization would bring economic independence as development was brought to the lower level which was very important. He added that this was a chance for rural areas to modernize through decentralization. He added that more of such sensitisation should be encouraged.

CDF Projects in Mporokoso

Contractors Name: Suchonja Multi Trade International Limited

Project Name: Construction of a 1 x 3 Classroom Block at Kamwafi Primary



NCC 2023

Enrolment in Short Intensive Courses



The National Council for Construction (NCC) Construction School is enrolling for Short Intensive Courses in the following:

- ✓ **Steel Fixing**
- ✓ **Tiling**
- ✓ **Plumbing**
- ✓ **Carpentry**
- ✓ **Painting**
- ✓ **Bricklaying**

The courses have a duration of two weeks and are hands on and highly practical.

The National Council for Construction is a TEVETA level one institution and offers Boarding facilities for students who wish to stay in boarding for the duration of the courses.

Application forms and our 2023 School Prospectus are accessible on our website www.ncc.org.zm



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Plot 1612/1623 Luchengo Rd,
off Sheki Sheki Rd, Emmasdale,
Light Industrial Area.



Women and Youth are encouraged to apply

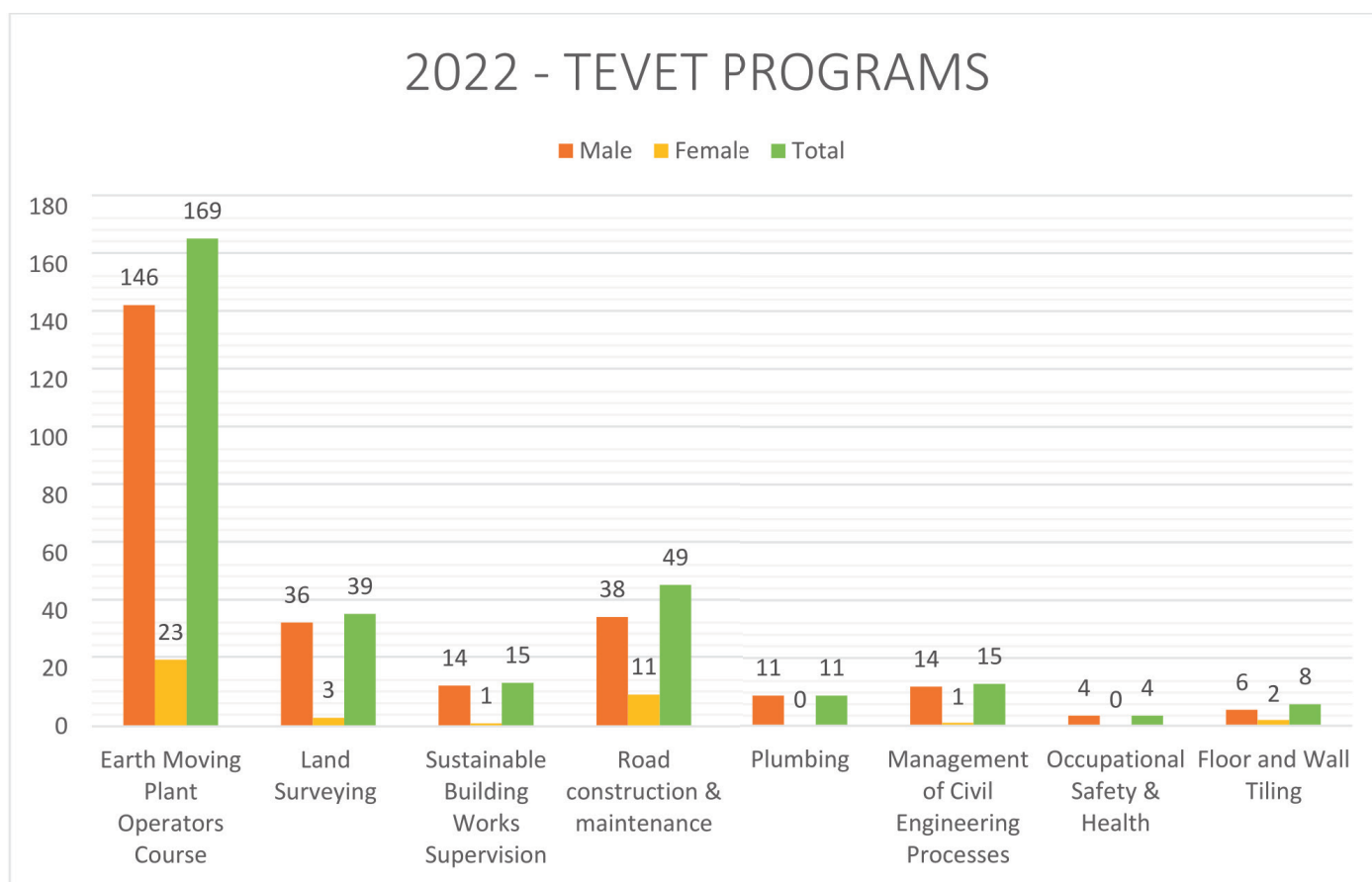
2022 NCC NATIONAL CONSTRUCTION SCHOOL TRAINING STATISTICS

TEVET COURSES FOR 2022.

Total Enrolments for Tevet Courses for the Year 2022

S/No	Course Name	Male	Female	Total
1	Earth Moving Plant Operators Course	146	23	169
2	Land Surveying	36	3	39
3	Sustainable Building Works Supervision	14	1	15
4	Road construction & maintenance supervision	38	11	49
5	Plumbing	11	0	11
6	Management of Civil Engineering Processes	14	1	15
7	Occupational Safety & Health	4	0	4
8	Floor and Wall Tiling	6	2	8
TOTAL		263	39	301

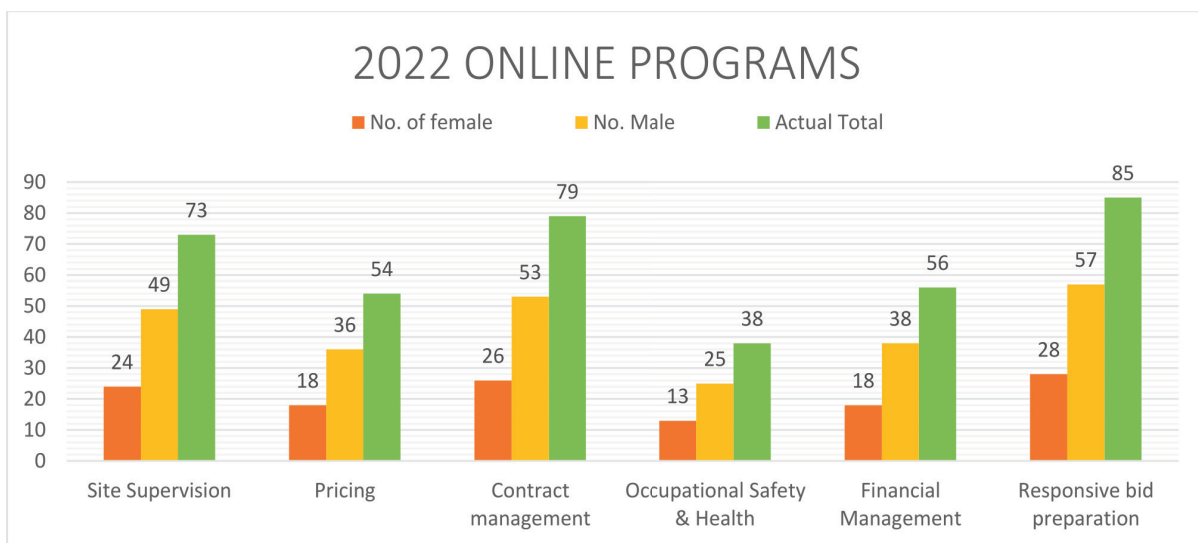
Analysis of Tevet Courses for 2022 in Graphs



Total enrollment for short intensive online courses for year 2022

S/No.	Course	No. of female	No. Male	Actual Total
1	Site Supervision	24	49	73
2	Pricing	18	36	54
3	Contract management	26	53	79
4	OSHE	13	25	38
5	Financial Management	18	38	56
6	Responsive bid preparation	28	57	85
TOTAL		127	258	385

Analysis of Training in short intensive courses for 2022 in Pictorial Graphs

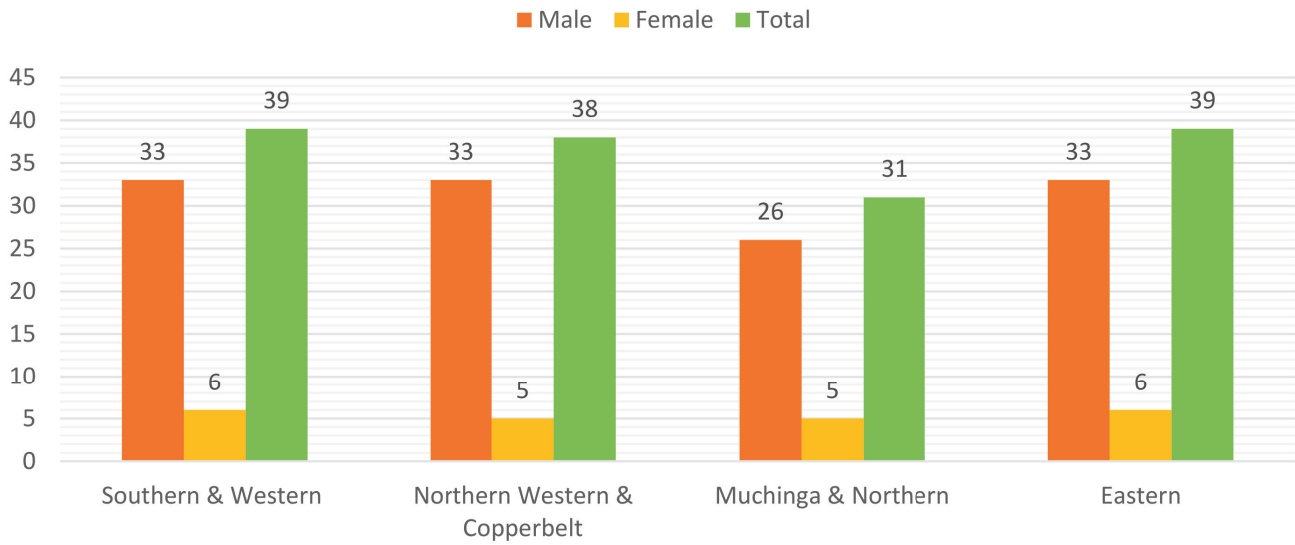


Tailor-Made Course for - Training of Local Authority Provincial Engineers for 2022

S/No.	Province	Male	Female	Total
1	Southern & Western	33	6	39
2	Northern Western & Copperbelt	33	5	38
3	Muchinga & Northern	26	5	31
4	Eastern	33	6	39
5	Western	-	-	-
TOTAL		125	22	147

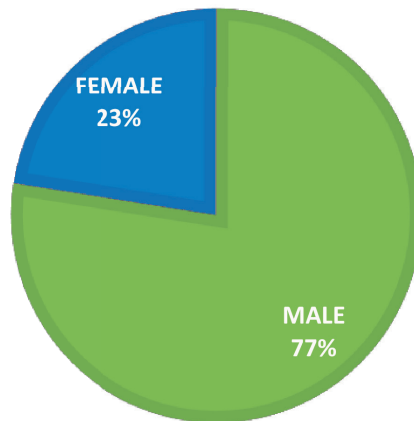
**Analysis of Training of Local Authority Provincial Engineers 2022
in Pictorial Graphs**

Local Authority Provincial Engineers Training



2022 TOTAL TRAINING MALES VERSES FEMALES

■ MALE ■ FEMALE



Total Training for Male Verses Women for 2022

S/No.	Male	Female
1	521	166

CAREERS TALKS – PROMOTING CAREERS IN CONSTRUCTION

By Cathrine Musunga Machiko

National Council for Construction (NCC) conducts career talks in selected provinces every year in a bid to promote and encourage pupils to take up courses biased to the construction industry. The NCC has in 2023 conducted career talks in Eastern and Luapula Provinces so far. Nine schools were visited with a total number of 806 girls talked to in both provinces. In Luapula Province, 360 girls participated while Eastern Province 446 girls took part.

The targeted groups were pupils in grades 12 in girls' secondary schools. As the industry is male dominated, NCC is trying to increase the number of girls interested in undertaking construction related courses. The aim is to see a lot of girls enrolling in careers in the construction industry at tertiary level.



In Eastern Province the following five schools in three districts were visited and these were; Eastern Girls Technical, St. Margaret's Girls Secondary and St. Monica's Girls Secondary in Chipata District. The others were Katete Girls Secondary School and Sonja Girls Secondary School in Katete and Petauke districts respectively.

In Luapula Province, the NCC had talks with Holy Trinity Girls Secondary School in Mansa district, St. Mary's Girls Secondary School in Kawambwa district, Mabel Shaw Girls Secondary School in Mwansabombwe district and Musonda Girls' Technical Secondary School in Mwense district.

SCHOOL	PROVINCE	DISTRICT	ATTENDANCE (NO)
Holy Trinity Girls Sec school	LUAPULA	Mansa	76
St. Marys's Girls Sec School	LUAPULA	Kawambwa	93
Mabel shaw Girls Sec School	LUAPULA	Mwansabombwe	103
Musonda Girls' Sec School	LUAPULA	Mwense	88
Eastern Girls Technical	EASTERN	Chipata	34
St. Margaret's Girls Sec School	EASTERN	Chipata	37
St. Monica's Girls Sec School	EASTERN	Chipata	91
Katete Girls Sec School	EASTERN	Katete	188
Sonja Girls Sec School	EASTERN	Petauke	96
TOTAL			806



NCC

Enrolment in Construction Materials Testing Courses

The National Council for Construction (NCC) Construction School is enrolling for Certificate courses in **Construction Materials Testing**.

The NCC Construction School is a TEVETA level one registered school.

The courses will run for a period of **8 weeks** at a cost **ZMK 6100**. The National Council for Construction offers Boarding facilities for students who wish to stay in boarding for the duration of the courses. Application forms and our 2023 School Prospectus are accessible on our website

www.ncc.org.zm.



Women and Youth are encouraged to apply

EARTH MOVING PLANT OPERATORS' COURSE

By Jeffery Lifumbo

The Earth Moving Plant Operators' (EMPO) course is one of the National Council for Construction (NCC) sought after courses and it has a huge turnover of student enrollments. It has continued attracting more students especially with the increase in CDF as most Local Authorities are purchasing plant equipment such as excavators, grades, dozers, front-end loaders, dump trucks and bowsers. Other than the Local Authorities, the mines and the construction industry continue absorbing huge numbers of operators.

The NCC endeavours to train quality operators and by doing so has limited the number of students per machine to ensure quality skilling is achieved at the time the students are completing the course. The NCC enrolls seven students per machine at each given time to ensure the students have enough practical time on the machine.



The course was introduced in 2008, after the realization that there was a lack of skilled operators in the country following a training needs assessment. Recently incorporated into the training, is a component of Tractor Towed Technology, whose introduction was as a result of exploring cheaper ways of constructing unpaved roads in the country and increasing maintenance culture.

Learning Objectives of EMPO

The course makes adequate preparation for the learner to be skilled in the operation of plant equipment. It offers the learner the knowledge and attitude required by an operator to become more efficient, at the same time giving special attention to the safety of the operator, the machine and work environment.

Assessment Criteria

The course runs for three weeks and the program demands that the learner undergoes theoretical tests administered after a week of training in class, and practical tests on the actual operation of the equipment as well as the physical inspections carried out on the equipment. These tests are conducted after the last two weeks of practical training. With emphasis on safety, learners as per requirement are supposed to be in proper Personal Protective Equipment (PPE).

THANKS NCC FOR MAKING ME THE OPERATOR I AM TODAY” - MR JAMES WAMUNYIMA, FORMER NCC STUDENT CURRENTLY WORKING IN D. R CONGO

By Jeffery Lifumbo

Mr. James Wamunyima, who attended the NCC EMPO Training in the 2019 excavator operator intake said after the training he got his first job and when taken for inductions he said he was happy that what he was being taught in the induction class was exactly what he learnt at NCC. “It really helped me and gave me much confidence because I knew most of the things that I was being taught. To me it was more like revision and it give me much confidence” Mr Wamunyima said.

Currently working in the Democartic Republic of Congo as an operator in one of the big mines, Mr. Wamunyima says the skills he attained at the NCC Construction school have really helped him stand out in all the companies he has worked for .

“My NCC Operator Training Certificate I got after graduating has been well recognized and because the NCC Construction School is well known for quality training in the construction industry, it has been easy for me to get employed” he said. He added that he would not hesitate to recommend anyone that would like to study at NCC to do so because the school not only provided lessons but shaped students to stand out in any workplace they joined.

Mr. Wamunyima said the lecturers were good to students and their intention was to make sure that every student got the knowledge that they provided and built skills. “A lot of thanks to you NCC, you really did shape me to be the operator that I am today, thanks once again” he added



THE NCC CONSTRUCTION SCHOOL PARTICIPATION AT THE 19TH ILO REGIONAL SEMINAR FOR LABOUR BASED PRACTITIONERS

By Eng. Martin Daka

The NCC took part in the 19th ILO Regional Seminar for Labour Based Practitioners, which was hosted by the Ministry of Public Service, and Labour in Kigali of the Republic of Rwanda. The seminar was held from 15th to 19th May 2023 under the theme “Promoting skills and productive (decent) jobs for our common future”. At the seminar, in the ministerial declaration, they reaffirmed the need for linking development projects with capacity development such as reskilling, upskilling, and apprenticeships; and supporting and creating centres of excellence for labour-based training anchored to the national education, TVET and research systems. Delegates from 49 countries gathered and shared experiences, policies and strategies on how to create communities that were resilient to socio – economic, environment and climate change hazards and ensuring just transition through labour intensive approaches. Delegates included Ministers of Labour, TVET Institutes, Education Policy makers, Development Partners, Employers and Workers Associations, Labour Based Practitioners, various Bilateral and Multilateral Organisations, Academic and Research Institutions and the Private Sector. The National Construction School was represented by three officers (Principal, Training Manager and Roads Engineer).

At the end of the seminar, the Ministerial Declaration was presented where among some of the acknowledgements made were that inadequate productive employment opportunities particularly for young women and men, remained a major labour market challenge in Africa and that the role of TEVET in skills development and lifelong learning was important for improving the quality of education, training and addressing skills mismatch.

In addition, it was recognised that infrastructural development was key for successful inclusion, integration, economic and social development and it was essential to ensure that the benefits from construction activities benefited young men and women, and persons with disabilities. Further Noted was that creating enough decent jobs, using a mix of appropriate technologies such as Employment intensive works to optimize job creation in different productive sectors to support a localized human-centred approach.

In closing, part of the commitments made included:

- Institutionalizing and strengthening the Employment Intensive Investment Programme (EIIP) approach through an appropriate strategy and high-level national



Promoting skills and productive (decent) jobs for our common better future



Team Zambia-Auxillia Kambani & Wendy Mukape sharing a light moment at the ILO seminar in Rwanda

inter-sectoral coordination structures and implement integrated multisectoral employment programmes, consistent with national development and sectoral priorities.

- Strengthening the capacity of national, local actors and institutions for the design and implementation of infrastructure and intensive employment programmes.
- Integrate skilling, reskilling, and recognition of prior learning into EIIP and development projects, including training, internship and apprenticeship requirements in the procurement process thus also committing contractors and other private sectors actors to increasing their contribution to skills development.
- Increasing opportunities for youth to access training through on-the-job training and providing valuable practical experience
- Developing and strengthening exit strategies to transitions from informal to formal jobs and to better empower EIIP beneficiaries to enter into long-term employment.

In total 11 high level communications were presented on the following sub-themes:

- Innovation in employment intensive technology approach and works methods to the development of rural and urban infrastructure

- Enabling policy, legislative and institutional frameworks for the promotion of inclusive public employment programmes and green works in job rich sectors
- Skills and competencies for transformative infrastructure and sustainable livelihood
- Employment intensive works in the context of fragility (i.e. natural disasters, conflict and refugee situation economic decline etc.

At the end of the workshop, Ethiopia was voted as the next country to host the conference to be held in 2025.



Zambia delegation joined by Tunisia & Malawi delegates for group photo



NCC

Enrolment in Road Construction course

The National Council for Construction (NCC) Construction School is enrolling for a Certificate course in **Road Construction and Maintenance Supervision**.

The NCC Construction School is a TEVETA level one registered school.

The courses will run for a period of **18 weeks** at a cost of only **ZMK 8,100.00**.

The National Council for Construction offers **Boarding facilities** for students who wish to stay in boarding for the duration of the courses.

Application forms and our 2023 School Prospectus are accessible on our website www.ncc.org.zm

“Women and Youth are encouraged to apply”.

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NCC CONSTRUCTION SCHOOL

Skills Bulletin



RATE CARD	ITEM	SIZE	COST
	Full page	A4	K 5,000
	Half page	A5	K3,500
	Quarter page	A6	K2,500
	Full page - Back cover	A4	K8,000
	Inside front cover	A4	K7,000
	Inside back cover	A4	K7,000
Centre page	A3	K10,000	

TERMS & CONDITIONS :

- All adverts to be submitted print ready in high resolution PDF
- Pay are due before publication of Newsletter
- **Account Name:** National Council for Construction
Bank: Absa Bank Zambia Plc
Branch: Longacres
Bank Account: 17-5121854
Swift Code: BARCZMLXXX

The National Council for Construction (NCC) Construction School is enrolling for Certificate courses in **Basic Land surveying**

The NCC Construction School is a TEVETA level one registered school.

The courses will run for a period of **8 weeks**.

The National Council for Construction offers Boarding facilities for students who wish to stay in boarding for the duration of the courses.

Application forms and our 2023 School Prospectus are accessible on our website www.ncc.org.zm.



NCC

Enrolment in Basic Land Surveying

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