

REPUBLIQUE DU CAMEROUN  
*Paix-Travail-Patrie*

-----  
MINISTRE DES TRAVAUX PUBLICS

-----  
ECOLE NATIONALE SUPERIEURE DES TRAVAUX  
PUBLICS



REPUBLIC OF CAMEROON  
*Peace-Work-Fatherland*

-----  
MINISTRY OF PUBLIC WORKS

-----  
NATIONAL ADVANCED SCHOOL  
OF PUBLIC WORKS

# ACTIVITIES REPORT 2021







# **ACTIVITIES REPORT 2021**





**H.E. Paul BIYA**  
President of the Republic of Cameroon



**H.E. Joseph DION NGUTE**  
**Prime Minister, Head of Government**



**Emmanuel NGANOU DJOUMESSI**  
Minister of Public Works



**Jacques FAME NDONGO**  
Minister of State, Minister of Higher Education

# TABLE OF CONTENT

---

<b>Members of NASPW Board of Directors</b> .....	9-11
<b>A word of the Director</b> .....	12
<b>Presentation of the National Advanced School of Public Works</b> .....	13
• At the level of Cooperation.....	14
• At the level of Training.....	14
<b>Partners</b> .....	15 -16
<b>Evaluation of the implementation of activities</b> .....	17
A- Basic and further training .....	17 - 43
B- Applied research and support to development .....	44
C- Governance and institutional support.....	45 - 53
<b>Conclusion</b> .....	54
<b>Annex : Resolutions of 23rd ordinary session, 2nd extraordinary session and 24th ordinary session of Board of Directors</b> .....	55 - 58



## BOARD OF DIRECTORS OF NASPW

---



**Mrs LEKEUFACK née METANGMO Virginie**  
President of the Board of Directors



**Professor NKENG George ELAMBO**  
Director of NASPW  
Rapporteur



**Dr BWEMBA Charles**  
Deputy Director of NASPW in charge of Studies  
Assistant Rapporteur



**Mr ONDOA Antoine**  
Representative of the Presidency of the Republic



**Mr NGOLLE Yannick**  
Representative of the Prime Minister's Office



**Mr MBOLE MBOLE Parfait**  
Representative of the Ministry in charge of  
Public Works



**Mr TCHOTELE Thomas**  
Representative of the Ministry of Finance



**Prof. GOUET BEBGA**  
Representative of the Ministry in charge of Higher  
Education



**Mrs FORCHAP Prudence**  
Representative of the Ministry in charge of Employment  
and Vocational Training



**Mr VOUNDI Jacquinot**  
Representative of the Ministry in charge  
of State Property, Survey and Land Tenue



**Mr EGBE Moses ACHERE**  
Representative of the Ministry in charge of Housing  
and Urban Development



**Mr NGOA Kizito**  
Representative of the National Order of Civil  
Engineers in Cameroon



**Professor MADJA DOUMBAYE**  
Representative of Teachers of the National  
Advanced School of Public Works



**Mr TAMI MEKOUM Pierre José**  
Representative of the non-teaching staff of the  
National Advanced School of Public Works



**Mr MEGOUO TOUYEM Ulrich**  
Representative of the students of the National  
Advanced School of Public Works

## A WORD FROM THE DIRECTOR

The year 2021, which is coming to an end, has not necessarily been an easy ride for the National Advanced School of Public Works (NASPW). As a matter of fact, like many institutions, the NASPW suffered for the second consecutive year the impact of the health crisis linked to the COVID-19 pandemic. Its effects were two-fold for our institution:

- At the level of academic activities, with the suspension of courses, the extension of the academic calendar and the use of online teaching for 80% of the classes.

- At the budgetary level, with a resulting impact on our cash flow and the implementation of barrier measures.

However, this particularly difficult context did not stop NASPW and its various Annex structures from carrying out many activities and fulfilling their missions at the academic, administrative, budgetary and financial, and even extra-academic levels.

During this period of uncertainty, the resilience shown by NASPW attests to the solidity of its fundamentals and its ability to adapt to the changes in its environment. This capacity to adapt was reinforced not only by the responsiveness of its institutional support, namely its State supervisory authorities but also by the support and facilities provided by some partners such as the University of Padova, which notably enabled to implement online teaching programmes. The combination of all these efforts enabled to maintain quality teaching in 2021 and successfully carry out a rich and ambitious programme of activities. Highlights of the year include:

- Funding from the World Bank (IBRD Credit No. 8650 - CM) to a group of universities and training schools with NASPW as lead partner, University of Padua, University of Rome Sapienza - Italy and Université Libre de Bruxelles in Belgium) to implement a Master's level training in Transport Planning;

- The signature of the partnership between ENSTP and the Golden Gate University of San Francisco in the United States for the Master in Engineering Management programme;

- The signature of the Amendment No. 1 of the Convention relating to the implementation of international study programmes in Civil Engineering and Environmental Engineering between ENSTP and the University of Padova. This Report will present the main lines.



# PRESENTATION

Set up in 1970 by presidential Decree as the National School of Technology (ENAT), the National Advanced School of Public Works (NASPW) is a public institution of technical vocational training in the area of Building and Public Works. Following Decree No. 82/464 of 4 October 1982, the institution is under the technical supervision of the Ministry in charge of Public Works, under the academic authority of the Ministry in charge of Higher Education and under the financial supervisory authority of the Ministry in charge of Finance. It is headquartered in Yaounde. It also includes:

- An annex school in Buea which trains Senior Technicians (BAC/GCE ALs+2 years); Technicians (Probatoire/GCE AL + 2 years); and Basic Technicians (BEPC/GCE OLS+2 years).

- Two Public Works Trade Centres (PWTC) are attached to it, respectively in Akonolinga and Garoua. They train Assistant Technicians (CEP and First School Leaving Certificate + 6 months).

At the institutional level, Decree No. 2019/541 of 14 October 2019 and Decree No. 2019/542 of 14 October 2019, put in place two management bodies: a Board of Directors, chaired by Mrs LEKEUFACK née METANGMO Virginie and the Management which is ensured by Professor NKENG George ELAMBO, Director of this reference establishment in the field of Public Works and Architecture.



## In the area of cooperation

NASPW is an active member of several renowned international academic associations, including:

- Agence Universitaire de la Francophonie (AUF);
- The Association of African Universities (AAU):

Pr. NKENG George ELAMBO, recently elected as an alternate member of the AAU Board of Directors, is now part of the 17 members of the said Board which represent all the universities in Africa for the period from 2021 to 2025.

They are elected by 500 members.

### - International Association of Universities (IAU)

Since 2010, it has established an academic partnership with the University of Padova (Italy), with the general objective of training engineers (Civil Engineering, Environmental Engineering, Land Surveying and Town Planning) at BAC and GCE ALs + 5.

In 2017, the partnership witnessed a major innovation with the effective opening of a complete cycle of Architecture at BAC/GCE ALs+ 5 level which has already registered four batches.

In 2020, it established an academic partnership with Golden Gate University in San Francisco (USA) intended to train engineers in Engineering Management at the level of Bachelor's degree + 2.

In 2021, it has also established an academic partnership with the University of Rome Sapienza, the University of Padova and Université Libre de Bruxelles, aimed at training Master's degree students in Transport Planning at Bachelor's + 2 level. This training is financed by the World Bank (IBRD, Credit N8650 -CM) within the framework of its Transport Sector Development Project.

## In the area of training

NASPW Yaounde, in partnership with the following Universities has set up the following training courses:

### » University of Padova :

- **Engineering cycle** (Master of Engineering), of Bac/GCE AL+5 years ;

- **Cycle of Architecture at Bac/GCE ALs+5 years level;**

- **Specialised Masters** (Bachelor/Bachelor in Engineering +2 years) in Renewable energies, Geotechnics and Structures, Water, Waste and Sanitation, Eco-construction.

### » University of Rome Sapienza, University of Padua:

University of Padua and Université Libre de Bruxelles: Master in Transport Planning in Cameroon;

### » Golden Gate University: Master in Engineering Management

### » ENSTP Annex of Buea offers the following courses:

- Higher Technicians (BAC/GCE ALs+2 years) ;
- Ordinary Technicians (Probatoire/GCE AL + 2 years) ;
- Basic Technicians (BEPC/GCE OL+2 years).

» **PWTCs in Akonolinga and Garoua** trained Assistant Technicians (CEP and FSLC + 6 months).

# PARTNERS

## Ministry of Public Works



As the technical supervisor of NASPW, MINTP participates in the development of curricula, facilitates professional internships and assists the school at the institutional level and in its relations with the government.

## University of Padova (Italy)



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

It is one of the oldest universities in the world (1222). Its partnership with NASPW since 2010 has enabled the training of students in Master of Engineering (MEng) and Master of Architecture (MArc).

## Ministry of Higher Education



As academic supervisor, MINESUP offers academic assistance and supports the NASPW in particular in its cooperation with academic institutions abroad.



## University of Rome Sapienza



It is the main Italian university, renowned in particular for its training in architecture, considered to be one of the best in the world. It is within this context that academic exchanges regularly take place between teachers of NASPW and those of this university, but also It is in this context that academic exchanges regularly take place between NASPW teachers and those of this university. It equally provided for study trips for our students to Italy.

16



## Golden Gate University of San Francisco



This 120-year-old private university, the fifth largest in California, has been supporting the NASPW in putting in place its Master in Engineering Management (MEM). This training offer, which could benefit from the support of the famous Silicon Valley in setting up start-ups, is an inter-university training course using the expertise of seasoned professionals and the courses of experienced academics of different nationalities.

## Université Libre de Bruxelles



Université Libre de Bruxelles, University of Rome Sapienza, University of Padova  
These three European universities are implementing at NASPW a Master's course on Transport Planning in Cameroon.



# EVALUATION OF THE IMPLEMENTATION OF ACTIVITIES

The annual work plan validated for the year 2021 included three programmes:

**A- Basic and Further Training;**

**B- Applied Research and Development Support;**

**C- Governance and Institutional Support.**

The implementation of each programme has yielded satisfactory results.

## A - Basic and Further Training

### 1- NASPW YAOUNDE

Let us first note that NASPW Yaounde has 5 departments in charge of ensuring the follow-up of students, coordinate and organise academic activities such as courses, examinations and defences and divided as follows: Department of Civil Engineering, Environment Engineering, Land Surveying, Town Planning, Architecture, Further Training and Management. In detail, these performances are as follows:



**Professor MBESSA Michel**  
Head of the Department of  
Civil Engineering



**Professor TALLA André**  
Head of the Department of  
Environmental Engineering



**Professor ELIME BOUBOAMA Aimé**  
Head of the Surveying Department



**Dr ABA NKASSE Alain**  
Head of the Department of Urban Planning  
and Architecture



**Dr NZENDA Silantos**  
Head of the Department of Further Education  
and Training in Management

## a- Enrolment at NASPW Yaounde

The total number of students regularly enrolled is 1387, distributed as follows:

Cycle	Class	Total Enrolment	Nber of women	Percentage of women
Architecture (MArc)	MArc I	74	27	36.48%
	MArc II	85	22	25.88%
	MArc III	77	17	22.07%
	MArc IV	75	15	21.73%
Ingénieur (MEng)	MEng 1	202	62	21.23%
	MEng 2	263	70	26.61%
	MEng 3 GC	109	18	16.51%
	MEng 4 GC	92	18	19.56%
	MEng 5 GC	98	19	19.38%
	MEng 3 GENV	15	06	40%
	MEng 4 GENV	37	09	24.37%
	MEng 5 GENV	47	10	51.35%
	MEng 3 TOPO	40	13	26.53%
	MEng 4 TOPO	38	06	15.78%
MEng 5 TOPO	35	04	11.42%	
MEng 4 URBA	18	05	27.77%	
MEng 5 URBA	8	02	25%	
<b>GENERAL TOTAL-NASPW</b>		<b>1387</b>	<b>332</b>	<b>23.77%</b>

## b- Conduct of the training

The teaching provided involved one hundred and thirteen (113) teachers in all, of which forty-four (44) were from the University of Padua, twenty-seven (27) permanent teachers, and forty-two (42) part-time teachers.

### ► Programme coverage rate

This rate is between 90% and 100% in the following fields and levels below:

- MEng 1 and MEng 2: Common Core;
- MEng 3: Civil Engineering, Environmental Engineering and Land Surveying;
- MEng 4 and MEng 5: Civil Engineering, Environmental Engineering, Land Surveying and Town Planning;
- MArc 1, MArc 2, MArc 3 and MArc 4.

### ► Course structure and activities

- The majority of face-to-face courses are taught by local teachers. Online courses are taught mostly by teachers from the University of Padova and Golden Gate University.

- Practical work and tutorials are carried out as foreseen in their programme. However, this work is experiencing difficulties due to the limited number of laboratory technicians.

- Internships are limited because of Covid-19, as many companies are reluctant to recruit interns despite the insurance cover. Nevertheless, we hope that this situation will improve in the coming year.

According to the following statistics, the academic performance in the academic year 2020- 2021 is good with an average completion rate of 1.5%.

2021 academic year is good with an overall success rate of about 86%.

In detail, these performances are as follows:

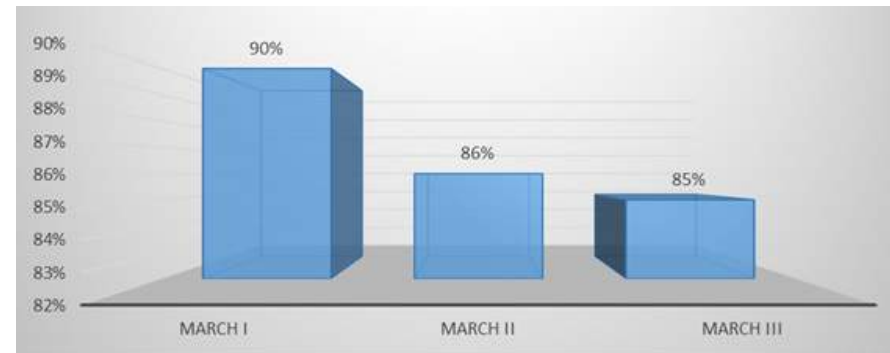
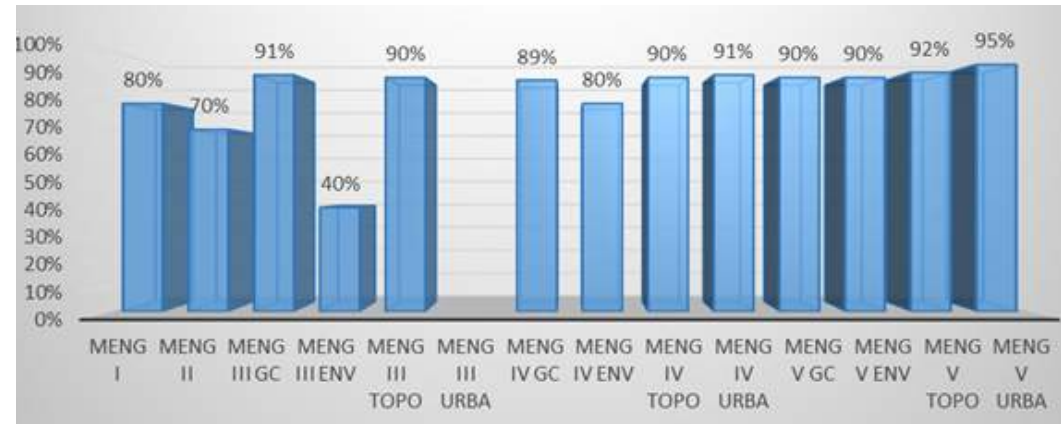
## Engineering cycle (MEng)

Class	Enrolment	Passed	Success rate	Remarks
MEng 1	292	234	80%	Evolution
MEng 2	263	185	70%	Drop
MEng 3 GC	109	99	91%	Stable
MEng III GENV	15	06	40%	Evolution
MEng III TOPO	49	44	90%	Stable
MEng III URBA	-	-	-	-
MEng IV GC	92	82	89%	Evolution
MEng IV GENV	37	30	80%	Evolution
MEng IV TOPO	38	34	90%	Stable
MEng IV URBA	18	16	91%	Stable
MEng 5 GC	98	88	90%	Evolution
MEng 5 GENV	7	33	90%	Stable
MEng 5 TOPO	35	32	92%	Stable
MEng 5 URBA	08	7	95%	Evolution

## Architecture Cycle

No.	Class	Enrolment	Passed	Success rate	Remarks
1	MArc I	74	67	90%	Evolution
2	MArc II	85	72	85%	Evolution
3	MArc III	77	86	85%	Evolution
4	MArc IV	70	60	85%	Evolution

## GRAPHIC REPRESENTATION OF SUCCESS



## c - Recruitment of new students

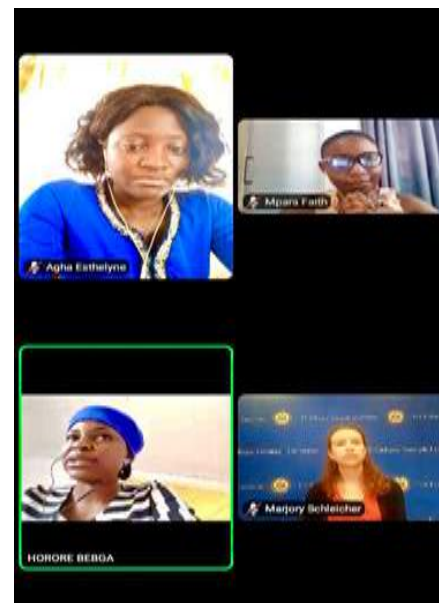
The 2021 session of entrance examinations for the various training programmes open at NASPW Yaounde and the Buea Annex for the 2021-2022 for the 2021-2022 academic year gave the following results:

- **Engineering Cycle (MEng) of ENSTP Yaounde: 3287 candidates for 330 places and 330 admitted;**
- **Architecture cycle: 1018 candidates for 90 places and 90 admitted;**
- **Cycles of Technical Agents, Technicians and Senior Technicians of the Buea annex: 1866 candidates for 770 places and 646 admitted;**
- **PWTC-Akonolinga: 200 candidates for 250 places and 145 admitted.**
- **Cycle of Assistant Basic Technicians at PWTC-Garoua: 149 candidates for 200 places and 138 admitted.**
- **Master cycle**
- **Master in Engineering Management: 98 candidates for 80 places and 78 admitted;**
- **Master's Degree in Transport Planning in Cameroon: 133 candidates for 80 places and 80 admitted.**

## d- Scientific Promotion Activities and Development Support

NASPW hosted major scientific and academic conferences and medical visits. These include:

- ▶ **Visio-conference initiated by the United States embassy of America on the occasion of the International Day of Women and Girls in Science on 10 February 2021 on the theme «Ways to advance women's participation in STEM (Science Technology Engineering and Mathematics) fields» to which the Girls' Association was invited.**



The discussion focused on how to encourage girls to be interested in science, technology, engineering and mathematics. It was attended by MPARA Faith (Founder of new generation technology in Buea), BEBGA Aurore (Information Tehnology professional).

- ▶ **Friday 15 February 2021, election of the executive bureau of the of the NASPW Students' Association for the 2020/2021 academic year with its President MEGOUO TOUOYEM Ulrich**



► **A team of disinfection experts stayed at the Campus of the National Advanced School of Public Works of Yaounde on Thursday 18 March 2021 in view of the outbreak of the Corona virus in Cameroon**

For 3 hours, the experts disinfected all infrastructure and surroundings NASPW: offices, toilets, gymnasium tennis court, basketball/volleyball court, departments, school, restaurant, amphitheatres, classrooms, guest house, meeting room, library, gardens, pavements, car parks, greenery meeting room, library, gardens, pavements, car parks, greenery, septic tanks.



► **On Friday 16 April 2021, representatives of the National Order of Architects of Cameroon paid a working visit to the NASPW campus.**

**Agenda of the meeting**

- Working meeting between members of the NASPW administration and ONAC
- Guided tour of the infrastructure related to training in Architecture (classrooms and laboratories)
- Question & answer session in the amphitheatre 100

**Members of ONAC:**

- Mr ABDOU MBILAMBOUZOU (President of the General Assembly)
- NYANGON NDONGO Steeve Princy (Auditor)
- BEECHING William (in charge of the Legal Committee)

**Members of the NASPW administration**

- Pr NKENG George ELAMBO (Director)
- Dr BWEMBA Charles (Deputy Director)
- Dr ABA NKASSE Alain (Head of the Architecture Department)



► On Friday 30 April 2021, the Environmental Engineering Club organised the second part of the training course on compost making at the NASPW Campus

Participants:

- **DJOUFACK LEKE Stéphane** (Trainer - MEng 5 Environmental Engineering);
- **DOUAYA Laurent** (Trainer - MEng 5 Environmental Engineering)
- **MINKO Aristide** (Trainer - MEng 5 Environmental Engineering)



*Cutting of dry and wet organic material*

► Land Surveying Club ended the Covadis software training on Friday 30 April 2021

Participants :

- **ADERENG Paul Yves** (Trainer - MEng 5 Land Surveying)
- **AMOUGOU OWONA Martine Audrey** (Trainer - MEng 4 Land Surveying)



► The Chargé d'Affaires at the Swiss Embassy in Cameroon, Mr. Andreas MAAGER, gave a conference at the NASPW on Wednesday, 5 May 2021 at the Amphitheatre 100 on the theme "Swiss Economic Policy and Business Opportunities for Cameroon"

Participants :

- **Professor NKENG George ELAMBO** (Director - ENSTP)
- **Dr BWEMBA Charles** (Deputy Director - ENSTP)
- **Professor LELE Gustave** (Representative of the University of Golden Gate in San Francisco in the United States of America)
- **Dr NZENDA Silantos** (Head of the Department of Further Education and Training in Management)



*From left to right the Deputy Director of ENSTP Dr BWEMBA Charles, the Representative of the University of Golden Gate, Professor LELE Gustave, the Chargé d'Affaires at the Swiss Embassy in Cameroon Mr. Andreas MAAGER and the Director of ENSTP Professor NKENG George ELAMBO*



► **Students of the National Advanced School of Public Works of Yaounde took part in a conference on entrepreneurship at the Chamber of Commerce on Thursday, March 25, 2021**

It was attended by :

- **Mrs. ABENE Victorine** (Head of the Economic and Business Promotion Department- Chamber of Agriculture)
- **MEGOUE Ulrich** (President of the NASPW Students' Association)
- **Members of the NASPW Girls' Association, including President MANTO SOB Carole**



► **A training on the use of the «eLibrary» was offered to NASPW students in Yaoundé by the US Embassy in Cameroon on Thursday 27 May 2021**

It was attended by:

- **Professor NKENG George ELAMBO** (Director - NASPW)
- **Dr BWEMBA Charles** (Deputy Director - NASPW)
- **Dr NZENDA Silantos** (Head of the Department of Further Training and Management Training)

- **Dr WOUNBA Jean François** (Head of the Computer Unit - NASPW)
- **Mrs Marjory SCHLEICHER** (Professional - Associate - Public Diplomacy)
- **Mrs Rose DOMBOU** (Librarian - American Centre)
- **Mrs Mabel FONCHAM**
- **CHINGANG** (Director of the American Centre)
- **Mrs NGO MAHOT Nadine** (Head of the NASPW Library)



► **The Director of ENSTP Professor NKENG George ELAMBO and the Deputy Director Dr BWEMBA Charles took part in the Open Campus/Varsity forum on Thursday 14 October 2021 on the CRTV – National Station**



► **Elections of staff representatives governed by the Labour Code Wednesday 27 October 2021**

**Outcomes**

Representatives of staff recruited by Decision:

- **Mr BELEBEGNE Lambert**
- **Deputy : Mr MELINGUI ONANA Clément Morel**

Representatives of staff recruited by Contract:

- **Mrs Maureen MENGOT AYUK**
- **Deputy : Mr TAMI Pierre**

Participants :

- **Mr SOUTH SOUTH Ruben** (Representative of the Cameroon Workers' Union) Cameroon)
- **Mr NJANKOUO Issac** (Representative of the Central Trade Union of Cameroon)
- **Monsieur NJANKOUO Issac** (Représentant de la Centrale Syndicale du Cameroun)



*The new staff representatives from left to right, Mr TAMI Pierre, Mrs Maureen MENGOT AYUK, Mr MELINGUI ONANA Clément Morel and Mr BELEBEGNE Lambert*



*The representatives of the University of Padova at the General Assembly of the Civil Engineering Club*

► **On Tuesday 9 November 2021, the National Advanced School of Public Works took part in the opening of the Seminar – Workshop organised by MINTP at the 500 amphitheatre of NASPW**

Participants :

- **Professor NKENG George ELAMBO** (Director of NASPW)
- **Dr BWEMBA Charles** (Deputy Director NASPW)
- **Professor MBESSA Michel** (Head of the Civil Engineering Department)





► **The NASPW BIM team won the second prize in the Harambee Africa 2021 international BIM competition Innovation «Award» competition**

It was attended by :

- Dr POH'SIE Guillaume Hervé (Teacher - ENSTP)
- Idriss Tchaheu
- Guillaume Djiodjio Zangue
- Charlène de la Victoire Sobgoum Jiogo
- Tekeu Kelly



Some members of The NASPW BIM team



Certificate of the NASPW BIM team

► **The student TADE TANGO Brice, fourth year Architecture student took part in the global drawing and comic book competition on the theme «Generation Equality» organised by UN Women, in collaboration with the European Commission, Belgium, France, Mexico, and in partnership with Cartooning for Peace. Competition organised to mark the 25th anniversary of the Beijing Declaration and Platform for Action**

More than 1,200 candidates aged between 18 and 28 from over 120 countries took part.



Drawing by TADE TANGO Brice



The winners of the competition



TADE TANGO Brice's drawing exhibited at the Brussel Centre

► In order to get a feel for the realities of the field and to familiarise themselves with the world of employment, the Environmental Engineering Club organised on Thursday 3 June 2021, an educational field trip to the construction site of the sludge treatment plant in the Barrier neighbourhood at Etoa.



► On 23 June 2021, the Civil Engineering club made a field trip to the MIPROMALO construction site located at the Park Junction



► Official opening ceremony of the Master in Engineering Management on Tuesday 27 July 2021 in the amphitheatre 500 of NASPW

It was attended by

- The representative of the Minister of State, Minister of Higher Education
- The Chargé des Affaires at the US Embassy in Cameroon
- Members of the Board of Directors of NASPW
- Members of the teaching and non-teaching staff of NASPW
- Students



The Minister of Public Works, Mr Emmanuel NGANOU DJOUMESSI and the distinguished guests, among others the Chargé des Affaires at the US Embassy in Cameroon, Mrs Mary E. Daschbach



The representatives of the University of Padova - Italy Professor MAJORANA Carmelo and Professor ESOH ELAME (on the far right) during the defence of the fifth batch MEng Civil Engineering



The representative of the University of Padova - Italy Pr COLA (right) during the defense of the sixth batch MEng Civil Engineering

► Defenses of students of the fifth and sixth batches of Environmental Engineering, Surveying, Civil Engineering and Town Planning



► The NASPW Girls' Association organised its General Assembly and a conference on the theme «The Application of Artificial Intelligence in the Public Works Field» on Wednesday 23 June 2021 at the amphitheatre 100



► The Girls' Association carried out a site visit in a sewage sludge treatment plant in Nomayos at Etoa on Thursday 15 July 2021

It was attended by :

- MANTO SOB Carole (President of the Girls' Association)
- 25 members of the said association



▶ **Emmanuel ALOBWEDE**, flag bearer for Cameroon in the men's 200 m at the Olympic Games Tokyo 2021 and former student of NASPW fourth batch of Master of Environmental Engineering, performed well although he emerged fourth in the semi-final on Wednesday 4 August 2021



▶ On Saturday 11 September 2021, the student **EONE Ernestine Kelyane**, 5th year Civil Engineering specialised on Structures emerged third in the final of the Miss High - Tech Cameroon 2021 during a ceremony organized in Douala

▶ **Student scholarships and scientific publications**

A number of students have been awarded scholarships to pursue their Specialised Masters and PhD studies in countries such as France, Canada, Italy, Kenya and the USA. They are:

- **YOSY KEPDIP Mélissa Fabiola** from the Civil Engineering sector (Doctoral student at the University of Florencia - Italy)
- **FONDZEYUF KOME Stephen** from the Civil Engineering sector (Doctoral student at the University of Rome Sapienza - Italy)
- **TAN Paola** from the Environmental Engineering sector (Doctoral student at the University of Padova - Italy)
- **TEKAM TINGANG Ulrich Cabrel** from the Civil Engineering sector (Doctoral student at Pan African University and Jomo Kenyatta University, **WANE TAMO Gilles Delore** from the Transportation Engineering programme at the University of Cincinnati in the United States.
- **Kewir FANNYUY**, the top student of the fifth NASPW Environmental Engineering batch, obtained a scholarship to pursue his studies in the Department of Biology and Agricultural Engineering at Louisiana State University in the United States.

It should also be noted that some of the graduating students have published articles in international scientific journals with their supervisors.



**Kewir FANNYUY** in the research laboratory of Biological and Agricultural Engineering, Louisiana State University, USA

▶ **2021 World Bank Internship Programme**

The 2021 World Bank African Universities Internship Programme selected four students from ENSTP who are:

- **MADOM de TAMO Morrelle** (MEng Civil Engineering) who was assigned to the Cameroon World Bank Office
- **FONDZENYUY Stephen KOME** (MEng Civil Engineering) who was assigned to the Ethiopia World Bank Office
- **WANE TAMO Gilles Delore** (MEng Civil Engineering) who was assigned to the Madagascar World Bank Office
- **TOKAM Tingang Ulrich Cabrel** (MEng Civil Engineering) who was assigned to the Senegal World Bank Office

They were selected through a highly competitive process. The internship aims to train young African Professionals on the basics of operations and to teach them to become active team members in project teams, contributing to analytical and operational tasks.

## 2- NASPW Annex - Buea

The year 2021 at the National Advanced School of Public Works Annex Buea took off well with the courses of semester 2 and 4 for 2020/2021 academic year, followed by the end of course project for the second year students. The first and third semester of 03 modules for the 2020/2021 started in October 2020 for semester 3 and December 2020 for semester 1.

### ACTION PLAN 2021

Our 2021 action plan was as follows;

- 1) To admit and register students into year One and Two.
- 2) To organized orientation week for 1st year students in the institution
- 3) To intensify contacts with the private sector (field trips).
- 4) To reinforce practical training through real-life projects and field trips.
- 5) To continue efforts of equipping the school with surveys equipments and provide a bore hole.
- 6) To manage the training program within budget and time limits.

### ACADEMIC SET – UP

The academic set-up of this institution offers three diploma courses. The first course which is opened to holders of two Advanced Level Papers and “Baccalaureat scientifique” offers two years training of Higher Technical Diploma for Senior Technicians of related disciplines of the Public Works sector.

The second course whose duration of training is also two years, opens to holders of one advanced level paper and “Probatoire” offers the Ordinary Technical Diploma in given related disciplines in the Public Works Sector, scientifique after two years of training.

The third course whose duration of training is also two years is open to holders of GCE Ordinary Level in four papers, BEPC and CAP offers the Basic Technical Diploma.

### ACADEMIC DEPARTMENTS

The statutes of the school authorizes for the functioning of four departments as follows:

- Civil Engineering
- Land Surveying
- Rural Engineering and
- Town Planning

As a temporary measure pending the official appointment of Heads of Department and other officials, we designated some of our permanent lecturers, administrative and temporal personnel to serve as Heads of Departments, to ensure proper coordination of services. Below are the names of HOD's, Cycle Coordinators and other administrative officers. AAE



### STAFF - LIST

The administrative staff is as follows

- Administrative staff 12
- Permanent Lecturers 8
- Part-Time Lecturers 97



Practical work

## STATISTICS

### STUDENTS ENROLMENT 2021-2022- FIRST YEAR

(Registration on going) (BATCH 2021-2023)

Classes	No of Students in class	No of Males	Percentage of Males	No of females	Percentage of Females
BTC-CE	44.00	40.00	91%	4.00	9%
BTC-LS	36.00	26.00	72%	10.00	28%
BTC-RE	18.00	14.00	78%	4.00	22%
BTC-TP	17.00	5.00	29%	12.00	71%
OTC-CE	40.00	25.00	63%	15.00	37%
OTC-LS	40.00	32.00	80%	8.00	20%
OTC-RE	14.00	11.00	79%	3.00	21%
OTC-TP	4.00	4.00	100%	0.00	0%
HTC-CE	47.00	43.00	91%	4.00	9%
HTC-LS	35.00	25.00	71%	10.00	29%
HTC-RE	23.00	11.00	48%	12.00	52%
HTC-TP	15.00	12.00	80%	3.00	20%
<b>TOTAL</b>	<b>333.00</b>	<b>248.00</b>	<b>74%</b>	<b>85.00</b>	<b>26%</b>

### STUDENTS ENROLMENT 2021-2022- SECOND YEAR

(BATCH 2020-2022)

Classes	No of Students in class	No of Males	Percentage of Males	No of females	Percentage of Females
BTC-CE	105.00	96.00	91%	9.00	9%
BTC-LS	88.00	62.00	70%	26.00	30%
BTC-RE	62.00	33.00	53%	29.00	47%
BTC-TP	38.00	22.00	58%	16.00	42%
OTC-CE	109.00	97.00	89%	12.00	11%
OTC-LS	86.00	64.00	74%	22.00	26%
OTC-RE	68.00	36.00	53%	32.00	47%
OTC-TP	22.00	12.00	55%	10.00	45%
HTC-CE	86.00	68.00	79%	18.00	21%
HTC-LS	78.00	55.00	71%	23.00	29%
HTC-RE	69.00	54.00	78%	15.00	22%
HTC-TP	55.00	36.00	65%	19.00	35%
<b>TOTAL</b>	<b>866.00</b>	<b>635.00</b>	<b>73%</b>	<b>231.00</b>	<b>27%</b>

<b>STUDENTS ENROLMENT 2020-2021- FIRST YEAR</b>					
<b>(BATCH 2020-2022)</b>					
<b>Classes</b>	<b>No of Students in class</b>	<b>No of Males</b>	<b>Percentage of Males</b>	<b>No of females</b>	<b>Percentage of Females</b>
BTC-CE	112.00	103.00	92%	9.00	8%
BTC-LS	89.00	63.00	71%	26.00	29%
BTC-RE	65.00	36.00	55%	29.00	45%
BTC-TP	44.00	28.00	64%	16.00	37%
OTC-CE	117.00	104.00	89%	13.00	11%
OTC-LS	94.00	70.00	74%	24.00	26%
OTC-RE	75.00	40.00	53%	35.00	47%
OTC-TP	24.00	14.00	58%	10.00	42%
HTC-CE	94.00	76.00	80%	19.00	20%
HTC-LS	80.00	58.00	73%	22.00	27%
HTC-RE	77.00	58.00	75%	19.00	25%
HTC-TP	55.00	36.00	65%	19.00	35%
<b>TOTAL</b>	<b>926.00</b>	<b>686.00</b>	<b>74%</b>	<b>241.00</b>	<b>26%</b>

<b>STUDENTS ENROLMENT 2020-2021- SECOND YEAR</b>					
<b>(BATCH 2019-2021)</b>					
<b>Classes</b>	<b>No of Students in class</b>	<b>No of Males</b>	<b>Percentage of Males</b>	<b>No of females</b>	<b>Percentage of Females</b>
BTC-CE	81.00	74.00	91%	7.00	9%
BTC-LS	74.00	56.00	76%	18.00	24%
BTC-RE	53.00	31.00	58%	22.00	42%
BTC-TP	19.00	11.00	58%	8.00	42%
OTC-CE	89.00	73.00	82%	16.00	18%
OTC-LS	76.00	52.00	68%	24.00	32%
OTC-RE	67.00	39.00	58%	28.00	42%
OTC-TP	25.00	10.00	40%	15.00	60%
HTC-CE	87.00	71.00	82%	16.00	18%
HTC-LS	67.00	48.00	72%	19.00	28%
HTC-RE	60.00	43.00	72%	17.00	28%
HTC-TP	53.00	32.00	60%	21.00	40%
<b>TOTAL</b>	<b>751.00</b>	<b>540.00</b>	<b>72%</b>	<b>211.00</b>	<b>28%</b>

## NOMENCLATURE

<b>TGC2</b>	CIVIL ENGINEERING TECHNICIAN 2	<b>TGC1</b>	CIVIL ENGINEERING TECHNICIAN 1
<b>TTC2</b>	LAND SURVEYING TECHNICIAN 2	<b>TTC1</b>	LAND SURVEYING TECHNICIAN 1
<b>TU2</b>	TOWN PLANNING TECHNICIAN 2	<b>TU1</b>	TOWN PLANNING TECHNICIAN 1
<b>TGR2</b>	RURAL ENGINEERING TECHNICIAN 2	<b>TGR1</b>	RURAL ENGINEERING TECHNICIAN 1
<b>TSGC2</b>	SENIOR CIVIL ENGINEERING TECHNICIAN 2	<b>TSGC1</b>	SENIOR CIVIL ENGINEERING TECHNICIAN 1
<b>TSTC2</b>	SENIOR LAND SURVEYING TECHNICIAN 2	<b>TSTC1</b>	SENIOR LAND SURVEYING TECHNICIAN CAD.1
<b>TSGR2</b>	SENIOR RURAL ENGINEERING TECHNICIAN 2	<b>TSGR1</b>	SENIOR RURAL ENGINEERING TECHNICIAN 1
<b>TSU2</b>	SENIOR TOWN PLANNING TECHNICIAN 2	<b>TSU1</b>	SENIOR TOWN PLANNING TECHNICIAN 1
<b>ATGC2</b>	BASIC CIVIL ENGINEERING TECHNICIAN 2	<b>ATGC1</b>	BASIC CIVIL ENGINEERING TECHNICIAN 1
<b>ATGR2</b>	RURAL ENGINEERING TECHNICIAN 2	<b>ATGR1</b>	RURAL ENGINEERING TECHNICIAN 1
<b>ATTCE2</b>	BASIC LAND SURVEYING CAD TECHNICIAN	<b>ATC1</b>	BASIC LAND SURVEYING CAD TECHNICIAN 1
<b>ATU2</b>	BASIC TOWN PLANNING TECHNICIAN 2	<b>ATU1</b>	BASIC TOWN PLANNING TECHNICIAN



## FINANCIAL REPORT

During the year 2021, the school managed its budget as follows:  
It comprises:

1) **Running budget: 441 000 000 FCFA**

2) **Investment budget: 50 000 000 FCFA**

Here after follows the rundown of income and expenditures.

2021 RUNNING CREDIT ENSTP ANNEXE BUEA BUDGET 2021 (INCOME REVENUE)					
	Description	Budget code	Income estimates	Realisation	%
<b>71</b>	<b>Operating revenue</b>				
	Tuition fee and registration	710010	351 000 000	312 785 000	89.11%
	Examination fee	710040	30 000 000	37 600 000	125.33%
	Other presentations	710050	0		
	Total Chapter 71		381 000 000	350,385,000	91.96%
	<b>TOTAL CHAPTER 71</b>		<b>369 315 000</b>	<b>291 373 155</b>	<b>78,89%</b>
<b>72</b>	<b>Revenue from exploitation of property</b>				
	Revenue for renting structures	720010	0	0	-
	Fees for renting ceremonial robes	720020	0	0	-
	<b>TOTAL CHAPTER 72</b>		<b>0</b>	<b>0</b>	<b>-</b>

	Désignation	Code Budget	Prévisions de recettes 2021	Réalisations 2021	%
<b>75</b>	<b>Subvention de fonctionnement</b>				
	Subvention fonctionnement MINTP 2020	7500 10	60 000 000	60 000 000	100%
	<b>TOTAL CHAPITRE 75</b>		<b>60 000 000</b>	<b>60 000 000</b>	<b>100%</b>
	<b>TOTAL RECETTES DE FONCTIONNEMENT</b>				
14	<b>Subvention d'investissement</b>				
	Subvention d'investissement	140000	50 000 000	50 000 000	100%
	<b>TOTAL RECETTES D'INVESTISSEMENT</b>		<b>50 000 000</b>	<b>50 000 000</b>	<b>100%</b>
	<b>TOTAL DES RECETTES BUDGETAIRES</b>		<b>491,000,000</b>	<b>460,385,000</b>	<b>93.76%</b>

## DIFFICULTIES AND SUGGESTIONS

• **Buildings:** The multi-media centre is being accommodated in an old wooden dilapidated structure. Thus there is an urgent need to build a permanent structure.

Furthermore, there is an imperative to build a modern Amphi -Theatre of 500 places.

Also urgent is the rehabilitation of the buildings which has not been done since ten years and the construction of toilets in the institution.

- **Staff:** The NASPW/AB functions with 95% of its staff made up of part-time lecturers. There is therefore an urgent need to recruit lecturers. The school is also in need of more support staff. We suggest that the temporal workers who have been assisting for many years be absorbed. The critical case of drivers who handle vehicles should be given a serious thought. The Department of Land Surveying has no permanent lecturer in the institution. We suggest that those retired be absorbed on contract to continue.

- **Budget Allocation:** The intake of the students has increased enormously as we have about 1 600 students in the campus. This goes with a lot of challenges. We plead for a significant adjustment of the budget both running and investment, a service vehicle for the Deputy Director, C/SAF, a liaison pick-up and three 30 seater Buses for students' field trip.



Practical works



Defense



### **3- Public Works Trades Centres**

#### **▶ Akonolinga Public Works Trades Centre**

The Government's strategic offer to meet the objectives of the Growth and Employment Strategy Paper, in this case the construction of a critical and visible mass of infrastructure, is the professionalization of the building and public works (BTP) sector. Therefore, the State has decided to reorient and rehabilitate specialised technical and vocational training centres, such as the Akonolinga Public Works Trades Centre (A-PWTC).

To implement this government will, the Minister of Public Works Engineer has initiated a training programme for 1500 young Cameroonians in the construction industry. To implement this programme, the new Director has been given a series of directives relating to the renovation of the premises and equipment of the A-PWTC, in order to ensure the success of the training of Assistant Technicians in the following fields plumbing, masonry, tiling, electricity, painting, road maintenance using the labour-intensive method (HIMO)...

In view of the above, the Akonolinga Public Works Trades Centre (A-PWTC) has drawn up an action plan which has been submitted to the hierarchy for approval. The validated document includes the Centre's missions and is broken down into programmed actions for the period from 1st January 2021 to 31 December 2021.

As of 10 November 2021, it is necessary to evaluate the activities carried out within the framework of the implementation of this action plan. Hence the production of this report which highlights the various actions programmed and carried out.

#### **MISSIONS OF THE A-PWTC**

The Decree stipulates in its article 2 that the CMTP-A has the following mission:

- **The improvement of senior technicians, basic technical of civil engineering graduates of the PWTC, cycle 1**
- **Refresher courses for civil servants and government employees of all categories in public works (cycle 3).**
- **Further training for candidates admitted through direct or special competitive examinations for access to category «D» of the public works trades (cycle 2).**

**The text goes on to explain (article 3) that «the PWTC can also receive personnel from public, semi-public and private companies...».**

The missions of MINTP having evolved over time, until 1996 the A-PWTC was in charge of the maintenance of earth roads in the South while the Garoua PWTC was in charge of the asphalt road network of Cameroon. The economic crisis of 1992 led the State of Cameroon to privatise the latter; a period of lethargy followed until 2013. NASPW has a new organisational chart at the same time as the MINTP is consecrated as a State Engineer. Its competences cover civil engineering in all civil constructions.

In the same vein, two working groups were set up to devise a strategy for anchoring the CMTP to the new context in which other actors have appeared, the MINMAP to focus on the problems of optimisation and quality of work on our various sites. These sites are very often at a standstill, and are the scene of disorder, defects, and broken structures, resulting in accidents and loss of life and money. In view of the above, MINTP decided to professionalise the public works sector. Its implementation since then has been the decision to train 1,500 Assistant Technicians in public works over 3 years. Since last year, the programme of 250 learners has been completed at A-PWTC.

## HUMAN, MATERIAL AND FINANCIAL RESOURCES AND FINANCIAL RESOURCES ALLOCATED

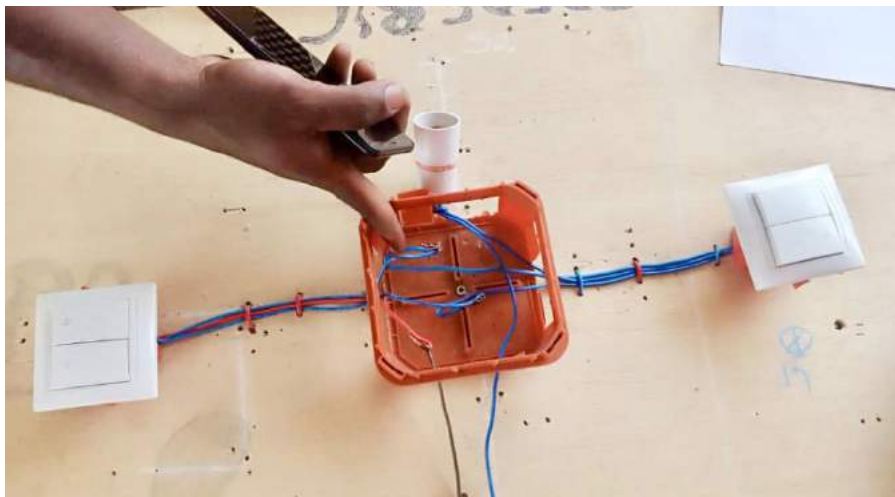
### Human resources

In order to carry out its tasks, the Centre has at its disposal, in accordance with the above-mentioned decree, 15 human resources.

### Material resources

The A-PWTC has the following material resources:

- 14 offices spread over 4 different buildings;
- a media library equipped with ;
- a multipurpose room;
- a mechanical workshop;
- a geotechnical laboratory ;
- two classrooms for theoretical courses;
- accommodation facilities with a capacity of 32 rooms and a studio ;
- four sports stadiums (football, volleyball, basketball and handball);
- Current computer and office equipment;
- communication equipment including 2 land phone lines, internet connections;
- furniture and small office equipment;
- 2 official vehicles.



*Multipurpose room*

## REMINDER OF THE A-PWTC ACTION PLAN

(15 November 2020 - 31 December 2021)

The activities implemented by the A-PWTC in 2021 focus on:

- Activities programmed in the 2021 Short Term Action Plan;
- Activities outside the action plan;
- Level of achievement of the activities.

## PROGRAMMED ACTIVITIES

(ACTION PLAN)

### Reminder of the Activities of the 2019 Action Plan of the A-PWTC

The actions programmed by A-PWTC contribute to the implementation of four Programmes: P01: Skills Development, P02: Development, PS1: Governance and PS2: Institutional Support. The P02 programme aims at improving the visibility of the A-PWTC; the PS1 programme aims at consolidating the organic framework; the PS2 programme is based on the pedagogical, administrative and technical facilities for carrying out the missions of A-PWTC activities.

These actions essentially contribute towards achieving the above-mentioned organic missions of the Centre. They are in particular:

- **Public works sector professionalization project (train 300 Public Works Technical Assistants);**
- **Study: drafting of curricula and reference systems for the Public works sector professionalization project;**
- **Training-building site-school-production;**
- **Acquisition of classroom furniture;**
- **Construction of a building for school use (phase II);**

- **Construction of an infirmary (phase II);**
- **Acquisition of equipment for the maintenance of the available green area;**
- **Acquisition of a 4-wheel drive double-cabin pick-up vehicle;**
- **Rehabilitation and extension of the solar network. A synoptic table giving details of the implementation of the activities of the said action plan is attached hereunder. This table specifies in particular for each activity:**

### **Reminder of the expected results of the A-PWTC in 2021**

The expected results of A-PWTC, in accordance with its statutory missions, are the following

Within the framework of skills development

- **(P01) Public works sector professionalization project) :**

#### **Preparatory activities:**

- Working group in charge of the implementation of the project creates ;
- The referential of the building and public work trades available;
- Training programmes and plans available;
- Recruitment of learners and trainers carried out;
- The reports of the activities prior to the start of the training available;
- Teaching materials, classrooms and administrative offices available;
- PPE and materials available:

#### **Theoretical and practical courses carried out (training site) :**

- Evaluations carried out ;
- Work placements carried out;
- Follow-up and end-of-training report

#### **Regarding institutional support (PS2):**

- Training repository of the labour-based maintenance profession available;
- Training materials available

- Classroom furniture available;
- School building (phase II) constructed;
- Infirmary (phase II) constructed;
- 4-wheel drive double-cabin pick-up vehicle;

- Equipment for the maintenance of the green area available.

### **Activities outside the action plan**

The activities carried out by the Akonolinga Public Works Trades Centre (A-PWTC) since 15 November 2019, the date on which the Director assumed duties until now, can be summarised as follows

#### **At the technical level**

- HIMO project with MINEPAT :
- Participation of the Director of the Public Works Trades Centre in the international seminar on the Labour-based approach in Italy.
- Within the framework of the Pilot Project for the Maintenance of Earth Roads (PPMER), A-PWTC is the Administrative Accountant for equipment. Here, A-PWTC ensured the guarding, follow-up and the exit and entry of machines.

#### **At the level of training courses**

- Training seminar for the staff of the Akonolinga Public Works Trades Centre:
- Process of the circulation of administrative files;
- Tasks, operations and missions related to the work station;
- Know-how, governance, deontology and ethics for those involved in the training of technical assistants;
- Study of applications for the recruitment of 300 Learners;
- Deliberation and publication of the results of the recruitment of 300 Learners.

#### **In terms of relations with the public**

- Mission to the ILO: participation in the ILO Centenary under the theme: «Social Justice, Decent Work»;

- Partnership with the Sainte Salomé Health Centre for the health problems of learners;

### On the sports front

- Organisation of sports walks;
- Finalist in the Divisional Championship of the Nyong and Mfoumou public services

### Level of implementation of activities

The status of implementation of activities and consumption of the Centre's funds during this period is presented as follows Skills development (Training) – P01

Training of Assistant Technicians at the A-PWTC (Cycle II) Action 01

**Grade:** Public Works Assistant Technicians (Trade test III).

**Location:** A-PWTC;

**Duration:** six (6) months; Sectors: Plumbing - Electricity - Tiling - Masonry - Road maintenance following the Labour-based Approach.

**Target group:** Candidates with a CEP/FSLC, aged 17 years or less on the date of the competition.



*Plumbing*



*Tiling*

## DIFFICULTIES ENCOUNTERED IN THE IMPLEMENTATION OF THE ACTIVITIES OF A-PWTC AND SOLUTIONS

The main problems encountered during the 2019 budgetary year for the implementation of the Centre's activities are related to:

- Inadequate budgetary resources;
- Growing insecurity at the A-PWTC (series of aggravated thefts)
- Late accreditation;
- Slow contracting process, resulting in the late award of contracts and the extension of the time required for their execution
- Untimely load shedding.

### Proposed solutions

In order to enable the A-PWTC to improve its performance in carrying out the activities programmed for the 2017 financial year, it would be very appropriate to:

- Increase the budgetary resources required to continue the plan to revive the Trades Centres, initiated by His Excellency, in order to facilitate the implementation of the training programme for 1500 young people in the Building and Public Works trades for an Emerging Cameroon by 2035;
- Strengthen security by installing video surveillance cameras all over the Centre and by recruiting an approved security company;
- Commit at the beginning of the financial year the subsidy allocated by MINTP;
- Reduce the time required for awarding contracts;
- Increase the installation of solar lighting panels throughout the Centre to avoid untimely power cuts in the town of Akonolinga.

## ► The Garoua Public Works Trades Centre

The Public Works Trades Centres (PWTC) of Garoua, set up by Decree No. 91/291 of 21 June 1991, is an annex of the National Advanced Public Works School (NAPW) of Yaounde. It has seen its missions reinforced as the secular arm of the State in terms of retraining and capacity building of the staff of the Ministry of Public Works. The missions of the said Centre are to ensure:

The retraining and development of the staff of the Ministry of Public Works;

The reception (retraining and upgrading) of the personnel of public, private and semi-public enterprises (Local Authorities, Crédit Foncier du Cameroun, etc.), under the conditions laid down by the aforementioned Decree.

Following Decree No. 2016/426 of 26 October 2016 to reorganise the NASPW, the Public Works Trade Centres are responsible not only for the retraining and capacity building (further training) of the staff of the Ministry of Public Works, but also for basic training. This major reform desired by the Head of State, is a response to a real need, that of providing professional qualifications, and consequently jobs to young Cameroonians. It is also a response to the need to accelerate the decentralisation process since the Government has effectively transferred competences and resources to the Local Authorities. This concerns council roads for the Ministry of Public Works.

The Garoua Public Works Trades Centre has the following missions:

- **Carry out continuous training: it concerns the retraining and improvement of the personnel of the Ministry of Public Works, the personnel of public, private and semi-public companies (Local Authorities, Crédit Foncier du Cameroun, etc.), under the conditions set by the Decree setting up the Garoua Public Works Trades Centre (G-PWTC);**

- **Carry out the basic training (Public Works Assistant Technicians) for the second time. The basic training of Assistant Technicians a major solution to several problems such as:**

- **Youth unemployment;**
- **The lack of qualified and specialised personnel to support the Local Authorities, technical sector ministries, companies, etc.;**
- **The inadequate number of qualified personnel to carry out the work in the field;**
- **The poverty and vulnerability of the population;**
- **Insecurity and the luring of young people by the enemies of peace.**

**This type of training leads to the award of a diploma of Public Works Assistant Technicians.**

**A selection test for holders of the CEP/FSLC was launched by the Minister of Public Works for 129 places in the following five (5) options:**

- **Organisation of Road Works (ORW): 30 places;**
- **Maintenance of Drainage Works (MDW): 20 places;**
- **Road maintenance following the Labour-based Approach (HIMO): 30 places;**
- **Masonry (MAS): 30 places;**
- **Plumbing and sanitation (PLS): 19 places.**

## RESOURCES MANAGEMENT

In terms of its management, it is as follows:

- Human resources management;**
- Permanent maintenance of the premises;**
- Hygiene and sanitation campaigns ;**
- The security of the premises and equipment through surveillance and guarding ;**
- The rolling stock;**

- Financial management (PIB, training and operations);
- Management of material resources;
- Monitoring the execution of PIB services and works, Fiscal Year 2019;
- Cross-cutting activities relating to participation in active and admittative life;
- Organisation of training courses.

## Human resources management

### *(Staff situation)*

It is as follows:

- 5 civil servants;
- 3 staff recruited by contractual;
- 1 recruited by decision.

The staff was always present and active with the departure of three (3) executive staff members, including a Brigade Chief and two (2) support executives, which reduced the number of staff and subsequently the performance. The hierarchy will have to think about the allocation of personnel.

## Management of material resources

### *(Situation of the rolling stock)*

#### » The rolling stock of the Garoua Trades Centre

As of 3 December 2021, the rolling stock of the Garoua Trades Centre is made up of two (2) vehicles in working order, one (1) vehicle has been admitted for reform and three (3) other vehicles in wrecks.

#### » Infrastructure

The Garoua estate covers three sites namely:

- The Administrative Block (Rehabilitated by the 2017 PIB)
- The Residence of the Director of the Centre (Rehabilitated by the 2017 PIB)
- Garoua PWTC Housing Structures No.1 (Rehabilitated by 2017 PIB)
- Construction of a one storey dormitory, watchman's house + roads and utilities by the PIB of 2018, 2019 and 2020)
- Accommodation Structures No.2 (Rehabilitated by 2017 PIB)

## Management of financial resources in 2021

### Public Investment Budget (2021 PIB: CFAF 50,000,000)

□ The Ministry of Public Works, which ensures technical supervision, programmed an investment grant (BIP) of FCFA 50,000,000. Until 30 June 2021, which is the end of the first half of the year 2021, no contract was available) out of the three that were awarded by the commission.

In February 2021, we had previously prepared three tender documents and sent them to the internal procurement commission of NASPW on the instructions of the Director since March 2021. The three files were awarded and have been contracted and notified to the successful contractors.

Various projects have been carried out in this regard, notably:

#### □ CONSTRUCTION OF A WELL EQUIPPED WITH SOLAR ENERGY + ACCESSORIES AT THE NATIONAL SCHOOL OF PUBLIC WORKS (GAROUA PWTC)

The delivery time is four (4) months. The estimated cost of these works is 21,940,116 (twenty-one million nine hundred and forty thousand one hundred and sixteen) CFA francs. The works, subject of this invitation to tender, are financed by the Public Investment Budget of MINTP, Fiscal Year 2021. Execution rate: 53.5

#### □ Geotechnical studies (sounding, structures and complete execution and architectural plans) for the construction project of 12 classrooms in two-storeys at the National Advanced School of Public Works (Garoua PWTC)

The execution period of the works is three (3) months. The estimated cost of these services is 5 950 495 (five million nine hundred and fifty thousand four hundred and ninety-five) CFA francs.

The works, subject of this invitation to tender, are financed by the Public Investment Budget of MINTP, Fiscal Year 2021.

Execution rate: 0%.

#### □ Construction works of two technical premises with two compartments each and roads and structures at the National Advanced School of Public Works (Garoua PWTC)



The execution period of the works is four (04) months. The estimated cost of these services is **21,999,598 (twenty-one million nine hundred and ninety-nine thousand five hundred and ninety-eight) CFA francs.**

The works, subject of this invitation to tender, are financed by the Public Investment Budget of MINTP, Fiscal Year 2021.

**Execution rate: 53.5%.**

## TRAINING ACTIVITIES

### Further training

The training activities programmed for the year 2021 were oriented towards the maintenance management of road infrastructure projects: the case of the Northern Network for the year 2021. This training concerns the three (3) Regional Delegations of the North of Public Works as well as certain personnel of the central administration of the Ministry of Public Works. Target population: Engineers and Technicians of the Regional Delegations of Public Works of the above-mentioned regions and MINTP;

The said training was a considerable success on the technical and professional level of the targeted personnel, so debates were held for the cause in order to promote the improvement of the managerial plan of all these actors of MINTP in general and those of the targeted delegations in particular; This training was marked by the warm presence of the representative of the Governor of the Northern Region who called on the actors to take seriously this theme which was also a central issue of management. He called on all to get to work while getting seriously involved in the seminar itself.

It should be noted that this year's in-service training was spread over two semesters: semester I (from 13 to 23 October 2021) which dealt with the governance of road projects and semester II (from 8 to 12 November 2021) which dealt with the central theme mentioned above.

### Development of training modules to be delivered

The development of training modules to be provided on the «maintenance management of road infrastructure projects: the case of the northern network» was effective at the Garoua PWTC.

Awareness campaign as a prelude to the training on «Maintenance management of road infrastructure projects: the case of the Northern network» and then on the selection test for Public Works Assistant Technicians.

The maintenance management of road infrastructure projects: the case of the Northern network promoted by the Cameroonian Government through MINTP, has an important impact on the balance of the national economy, as the saying goes: «Where the road passes, development follows through its management».

Aware of this situation, the current state of the Cameroonian road network and the missions assigned to it (retraining and improvement of MINTP personnel and those of the private and semi-public sectors), the Garoua Public Works Trade Centre has focused its training on the maintenance management of road infrastructure projects, which is preceded each time by an awareness campaign.

The field visit programme was committed to this effect. We conducted field visits (awareness campaigns in the three Regions (Adamawa, Far North, North) as a prelude to the training, notably in Ngaoundere, Maroua, Mora, Mokolo, Koza, Poli, Touboro, Garoua, etc...

Conduct of the training seminar on «Maintenance management of road infrastructure projects: the case of the Northern network».

### Basic Training

The Decree No. 2016/426 of 26 October 2016 to reorganize the NASPW provides for the opening of training of Assistant Technicians ready for employment in the field of public works. The Radio and Press Release No. 201/C/MINTP/SG/ENSTP/SC enabled to organize a selection based on a file study where two hundred and fifty young Cameroonians or foreigners will be retained at the Garoua PWTC. A selection test for holders of CEP/FSLC was launched by the Minister of Public Works for 129 places in five (5) options which are:

- **Organisation of Road Works (ORW): 30 places;**
- **Maintenance of Drainage Works (MDW): 20 places;**
- **Road maintenance by Labour-based Approach (RML): 30 places;**
- **Masonry (MAS): 30 places;**
- **Plumbing and sanitation (PLS): 19 places.**



## ACTIVITIES CARRIED OUT

### Administrative activities

- We have already processed 53 registration files for Assistant Technicians for the GAROUA Trades Centre. This was scheduled to end by mid-July. We participated in various meetings and festivities;
- We conducted field visits (awareness campaigns in the three Regional Delegations and Urban Communities: Adamawa, Far North and North) as a prelude to the training, notably in Ngaoundere, Maroua, Mora, Mokolo, Koza, Poli, Touboro,

Garoua, etc.;

Actions were carried out for the hygiene and sanitation campaign in our different structures;

- We have prepared the implementation plan of the PWTC reform (organisation chart); The Garoua PWTC has attended the different ceremonies to which it was invited by the local and central authorities;
- The Director of PWTC and his collaborators attended several visits and meetings of administrations;

The Garoua PWTC attended the various committees of the Working Group on the reform of the PWTC which should lead to the initial training of the small trades of Public Works as well as the draft organisation chart of the NASPW with the contribution of the draft organisation chart of the Garoua PWTC;

- Etc....

### Academic activities

For the 2021 academic year, the Garoua PWTC has collected the files relating to the different entrance examinations in the schools of ENSTP of Yaounde and the Buea Annex as follows

- Sixteen (16) files for the title of Architects from NASPW of Yaounde;
- Fifty-one (51) Applications for Engineers from NASPW of Yaounde;
- Fifty (50) files for Senior Technicians from NASPW of Buea annex;
- Thirty (30) files for Technicians of from NASPW of Buea annex;
- Forty-seven (47) files for Assistant Basic Technicians from NASPW of Buea annex

### Useful information:

The National Advanced School of Public Works (NASPW) of Yaounde was reorganised by Presidential Decree No. 2016/426 of 26 October 2016. More precisely in its article 1, paragraph 4, this decree provides for the creation of specialised training and applied research centres in the fields of public works as and when necessary, by joint order of MINTP and MINSUP after deliberation by the Board of Directors.

## DIFFICULTIES ENCOUNTERED AND SUGGESTIONS

While acknowledging the constant concern of the Minister of Public Works, the functioning of the service and the improvement of the working environment remain a concern. These are, in particular:

### ***At the financial level***

- The slow pace in the execution of the 2021 budget; because the management is centralised for both the operation and the BIP. Decentralisation of resources would be ideal and the amounts allocated to both operations and investments should be reviewed.

- The PWTC does not have a training budget. It is important to stress that the allocation of a training budget will improve the performance of training which should improve the performance of MINTP staff in the field (retraining, improvement and capacity building) and the training of Public Works Technical Assistants.

- The lines concerning mission orders, part time teaching, bonuses and allowances should be clarified and specifically committed to, because the Regional Financial

### ***At the human resources level***

Control of Garoua does not make it easy for us to manage these lines. In terms of human resources, the shortage of support staff due to the recent posting of some staff of the Garoua PWTC to the Regional Delegation of Public Works for the North in Garoua (KASSEUHBE Robbi, previously Head of the Materials Production Brigade of the Garoua PWTC, BABE PILANDI, support staff and ABDOULAYE ADAMA, support staff), on retirement, on internship without returning to the service. There is no watchman to ensure the security of the administrative block, reception structures No. 1 and 2, and the residence of the Director of the Garoua PWTC by night and day, and no driver, not to mention the lack of training personnel.

The recent transfer of two staff (Mr AZIZ Ivan, Civil Engineer, Mr PAGORE Dieudonné, Civil Engineering Technician, Mr MAISSANGA Léopold Boudoum, Civil Engineering Basic Technical) to the Garoua PWTC following their assumption of duty on June 7, 2021, June 3, 2021 and November 5, 2021 is still not enough.

Thus, as a way of managing the human resources of the Garoua PWTC, we suggest a contribution of :

- **Three (3) drivers;**
- **Four (4) watchmen;**
- **Three (3) maintenance officers;**
- **Three (2) engineers;**
- **Four (4) senior technicians;**
- **Three (3) technicians.**

The activities carried out during the year went well at the Garoua PWTC, despite the delay in the publication of the results that should lead to the training of Public Works Assistant Basic Technicians. The Garoua PWTC experienced a great innovation during the year 2021 with an increase of two other areas (Masonry and Plumbing) and with a satisfactory level of achievement of its objectives.

Nevertheless, we can note a decrease in the staff of the Garoua PWTC, the departure of three people transferred to the Regional Delegation of Public Works for the North (the Head of the Materials Production Brigade/ Garoua PWTC and 2 support staff). This situation requires a considerable input of human resources, especially in the case of posts to be filled. There is urgent need for watchmen and drivers.

The financial situation in 2021 was not good, as the credit arrived extremely late. We suggest breaking up the operating funds to ensure a training budget and acquire a new site for our structure.

## **B- Applied research and development support**

---

### » **Department of Civil Engineering**

Research activities of the Department of Civil Engineering during the academic year 2020/2021 were articulated around three main axes, namely the supervision of theses, the publication of articles and development projects.

Supervision activities consisted in jointly supervising 97 final year theses in cooperation with the University of Padova in Italy, of which 61 in Structures and 36 in Geotechnics. As for publications, and still with the University of Padova, 6 articles were published in internationally renowned journals and a patent obtained in Structures.

As for development projects, the American brand AggreBind soil stabilisation product was tested on a clayey silt sampled in the Mefou and Afamba Division of the Centre Region, within the framework of a Geotechnics end-of-study dissertation under the joint supervision of a teacher from the University of Padova and the Head of the Civil Engineering Department of the NASPW. The results obtained are very satisfactory. The improvement of the CBR bearing capacity index at 28 days is 43%.

### » **Department of Environmental Engineering**

Out of an initial enrolment of 32 students, 29 have defended their end-of-study theses for a success rate of 91% for this teaching unit. It should be noted that some of these theses have been accepted for publication in the proceedings of certain scientific conferences.

In the Department of Environmental Engineering, about half a dozen scientific articles, published in renowned scientific journals, have been recorded. These articles were mainly written by Professor NKENG George ELAMBO and Professor TALLA André.

The Environmental Engineering laboratory has benefited from some equipment which should undoubtedly improve the quality of teaching and research.

### » **Department of Land Surveying**

Thirty (30) research theses were defended in the fields of Surveying, Geometry, Land Surveying, Photogrammetry.

### » **Department of Urban Planning**

Three (3) students defended their research papers in the following areas

- Urban Energy: Urban Vegetation: Thermal regulation of semi-arid zones through the improvement of urban vegetation cover, case of the Longkak district in Maroua
- Urban Mobility: Road infrastructures and urban mobility in CAY 1: proposal for a development model at the Nlongkak nodes
- Urban Sanitation: Standardization of liquid and solid sanitation in the Yaounde 2nd council.

Three (3) articles were also published.



*Civil Engineering students in the field*

## C- Governance and Institutional Support

The activities carried out in the governance and institutional support programme enabled a timely execution of all budgeted activities, and were grouped into three (3) actions:

- **Coordination and monitoring of divisional activities,**
- **Improvement of the working environment,**
- **Management of human and financial resources.**

Training activities were carried out normally thanks to better administrative and budgetary coordination for the mobility and availability of teachers, and the improvement of working conditions. In terms of infrastructure, work on the construction of the administrative building was interrupted due to lack of financial resources. The equipment of the residence for visiting teachers has been completed. The rehabilitation of the buildings is ongoing.

It should be noted that particular emphasis has been placed on the acquisition of teaching materials for a total amount of CFAF 160,875,000. All related contracts have been launched. Some were received on time, but others are still in progress.

These constant efforts of the infrastructure policy of NASPW have enabled it to expand its real estate assets. Thus, NASPW Yaounde now has 21 classrooms equipped with teaching materials, with a capacity varying from 60 to 100 seats, two (2) amphitheatres with a 100 and 500 sitting capacity, four (4) laboratories, a library, an infirmary, a sports complex and a restaurant.

An inventory and assessment of the movable assets of the NASPW Yaounde was also made on 31 December 2014 at nearly two (2) billion CFA francs. This inventory of the patrimony eases decision-making for the equipment of services.

Thus, two classrooms were equipped with furniture and modern projection equipment to facilitate teaching.

Apparently all the classrooms are occupied. There is therefore a huge need for classrooms and laboratory equipment.

At the budgetary level, the dialogue established between the services of the authorising officer and those of the Ministry of Finance (Specialised Financial Control and Accounting Agency) has enabled to better process revenue and expenditure files, easy data verification, as well as extend the competence of the Specialised Financial Controller and the Accounting Officer to the Buea Annex; as a result, the respect of budget execution procedures and the production of reports.



*Modern projection furniture and equipment*

## DETAILS OF THE AWARD OF CONTRACT'S IN 2021 FOR NASPW AND ITS ANNEX STRUCTURES

N°	Nature of the service and realisation site	Type of service	Financing	Contract estimate	Realisation rate	No. of the Invitation to tender	Contractor	Contract No.	Cost
1	Construction of one (1) water borehole equipped with an electric submersible pump equipment pump including a storage tank and storage tank and rehabilitation of the existing existing water supply network at National Advanced School of Public Works/ Buea annex	BEC	MINTP BIP	20 000 000	0%	No.001/AONO/ MINTP/CIPM ENSTP/2021	ETS GABY TRADING COMPANY	N°001/LC/MINTP/ CIPM-ENSTP/2021	20 000 000
2	Acquisition of tables and chairs for classrooms at the National Advanced School of Public Works of Yaounde	AG		20 857 484	100%	No.002/AONO/ MINTP/CIPM ENSTP/2021	VIMAGRA Sarl	N°002/LC/MINTP/ CIPM-ENSTP/2021	20 463 300

3	Acquisition of a 4WD service vehicle, Station Wagon 4 x 4 function vehicle, dark brown mica metallic to NASPW Yde	AG	MINTP BIP	70 000 000	0%	N°010/AONO/MINTP/CIPM-ENSTP/2021	CENTRAL MOTORS CAME-ROUN(CMC)	N°002/M/MINTP/CIPM-ENSTP/2021	70 000 000
4	Supply of educational equipment (laboratory equipment) to NASPW Yde	AG		110.000.000	0%	N°004/AONO/MINTP/CIPM-ENSTP/2021	BELGOCAM Sarl	N°001/M/MINTP/CIPM-ENSTP/2021	104 358 060
5	Improvement works-of the classrooms (BLOCK B) at NASPW Yde	BEC		50.000.000	100%	N°007/AONO/MINTP/CIPM-ENSTP/2021	VIMAGRA Sarl	N°004/LC/MINTP/CIPM-ENSTP/2021	45 112 001
6	Supply of equipment: Lot 3 (Acquisition of computers computers) to NASPW Yde	AG		20 000 000	100%	N°008/AONO/MINTP/CIPM-ENSTP/2020	MEGASOFT Sarl	AVENANT 1 N°002/A/MINTP/ENSTP/CIPM-A/2021	19 378 125
7	Updating of facilities and connection to fibre optic connection at NASPW Yde	SPI		45 000 000	100%	N°008162/L/MINMAP/SG/DGMI/DMAI/CE1/CEA1/2016	CAMEROON TELECOMMUNICATIONS (CAMTEL)	AVENANT 1 N°002/A/MINTP/ENSTP/CIPM-A/2021	44 632 830

8	Construction of a borehole equipped with, solar energy and accessories, at naspw (PWTC GAROUA)	BEC	MINTP BIP	22 000 000	80%	N°006/AONO/MINTP/CIPM-ENSTP/2021	ETS PROJECAM	N°006/LC/MINTP/CIPM-ENSTP/2021	21 940 116
9	Construction work construction of two technical rooms with two compartments each and VRD at the the NASPW (PWTC Garoua)	BEC		22 000 000	80%	N°005/AONO/MINTP/CIPM-ENSTP/2021	ETS PROJECAM	N°005/LC/MINTP/CIPM-ENSTP/2021	21 999 598
10	Architectural and technical studies for the construction of 12 classrooms (3 floors) at NASPW (PWTC GAROUA)	SPI		6 000 000	0%	N°011/AONO/MINTP/CIPM-ENSTP/2021	ETS SOLEIL DIVINE PLUS	N°011/LC/MINTP/CIPM-ENSTP/2021	5 950 495



11	Architectural and technical studies for the construction of certain buildings for classrooms at NASPW Yde	SPI	BIP MINTP	20 000 000	30%	N°008/AONO/MINTP/CIPM-ENSTP/2021	ETS PROJECAM	N°006/LC/MINTP/CIPM-ENSTP/2021	21 940 116
12	Provision of teaching materials (surveying equipment) to the NASPW / Annex Buea	AG		30 000 000	100%	N°003/AONO/MINTP/CIPM-ENSTP/2021	AFRICATEC Sarl	N°003/LC/MINTP/CIPM-ENSTP/2021	27 713 700



Teaching aids



Furniture

# GENERAL SITUATION OF THE EXECUTION OF THE BUDGET

## NASPW Yaounde

### - Income

No.	Account	Wording	Final allocation	Recovery	Recovery rate
2	14	Delegated appropriations PIB Chapter 36 MINTP	400 000 000	207 311 486	51.82%
3	71	Revenue from the main services provided	998 000 000	471 494 571	47.24%
4	72	Revenue from the operation of property	50 000 000	4 000 000	8%
5	750000	Operating grant from MINFI	330 000 000	330 000 000	100%
6	750010	Operating grant MINTP	70 000 000	70 000 000	100%
	750102	Contribution received for Master in Transport Planning	550 000 000	95 515 387	17.05%
		Contributions received from local partners	20 000 000	750 000	3.75%
<b>GENERAL TOTAL</b>			<b>2 418 000 000</b>	<b>1 179 071 444</b>	<b>48.76%</b>

### - Expenditures

No.	Account No.	Wording	Final allocation	Commitment	Commitment rate
1	20	Acquisition of other intangible assets	45 000 000	4 999 914	11,11%
2	22	Other fixed assets	363 000 000	113 630 660	31,30%
3	61	Goods and services Consumed	506 900 000	262 031 418	51,69%
4	62	Personnel costs	442 850 000	274 199 222	61,91%
5	63	Taxes and duties	30 000 000	0	0%
6	66	Transfer paid	469 000 000	63 591 210	13,66
7	67	Other charges and miscellaneous losses	560 750 000	395 123 806	70,46%
<b>GENERAL TOTAL</b>			<b>2 418 000 000</b>	<b>1 113 816 206</b>	<b>46,06%</b>

# NASPW ANNEX BUEA

## - Income

No.	Account No.	Wording	Final allocation	Commitment	Commitment rate
2	14	Delegated appropriations BIP chapter 36 MINTP	50 000 000	50 000 000	100%
3	71	Revenue from the main services provided	381 000 000	350 385 000	91.96%
4	72	Income from the operation of the estate	0	0	
5	750000	Operating subsidy from MINFI	0	0	
6	750010	Operating subsidy from MINTP	60 000 000	60 000 000	100%
<b>GENERAL TOTAL</b>			<b>491 000 000</b>	<b>460 385 000</b>	<b>93,76%</b>

## - Expenditures

No.	Account	Wording	Final allocation	Commitment	Commitment rate
1	20	Acquisition of other intangible assets	20 000 000	20 000 000	100%
2	22	Other fixed assets	80 000 000	80 000 000	100%
3	61	Goods and services Consumed	189 000 000	183 186 034	96,92%
4	62	Personnel costsI	191 000 000	143 558 468	75,16%
5	67	Other miscellaneous expenses and losses	11 000 000	8 200 000	74,54%
<b>GENERAL TOTAL</b>			<b>491 000 000</b>	<b>434 944 596</b>	<b>71,58%</b>

## PWTC in Akonolinga

### - Income

N°	Account compte	Wording	Final allocation	Commitment	Commitment rate
1	14	Delegated appropriations PIB chapter 36 MINTP	200 000 000	0	0%
2	71	Income from the main provided	25 000 000	5 122 500	20,49%
3	72	Income from the exploitation of the estate	0		
4	750000	Operating subsidy from MINFI	0		
5	750010	Operating subsidy from MINTP	45 000 000	45 000 000	100%
<b>GENERAL TOTAL</b>			<b>270 000 000</b>	<b>50 122 500</b>	<b>18,56%</b>

### - Expenditures

N°	Account	Wording	Final allocation	Commitment	Commitment rate
1	20	Acquisition of other intangible assets	0	0	0%
2	22	Other fixed assets	184 500 000	0	0%
3	61	Goods and services Consumed	68 000 000	45 000 000	66,17%
4	62	Personnel costs	14 500 000	0	0%
5	67	Other miscellaneous expenses and losses	3 000 000	0	0%
<b>GENERAL TOTAL</b>			<b>270 000 000</b>	<b>45 000 000</b>	<b>16,66%</b>

## PWTC in Garoua

### - Income

N°	Account	Wording	Final allocation	Commitment	Commitment rate
2	14	Delegated appropriations PIB Chapter 36 MINTP	50 000 000	50 000 000	100%
3	71	Income from the main services provided	44 975 000	10 600 000	23,56%
4	72	Income from the exploitation of the estate			0%
5	750000	Operating subsidy from MINFI	0	0	0%
6	750010	Operating subsidy from MINTP	45 000 000	45 000 000	100%
<b>GENERAL TOTAL</b>			<b>134 975 000</b>	<b>105 600 000</b>	<b>78,23%</b>

### - Expenditures

N°	Account	Wording	Final allocation	Commitment	Commitment rate
1	20	Acquisition of other intangible assets	0	0	0%
2	22	Other fixed assets	50 000 000	50 000 000	100%
3	61	Goods and services Consumed	52 020 000	45 000 000	68,91%
4	62	Personnel costs	36 955 000	0	0%
5	63	Other miscellaneous expenses and losses	1 000 000	0	0%
<b>GENERAL TOTAL</b>			<b>1 725 400 000</b>	<b>1 234 964 889</b>	<b>71,58%</b>

53

### General level of execution of NASPW budget for 2021

	Forecasts	Realisations	Rate
<b>Income</b>	3 318 975 000	1 795 178 944	54,08%
<b>Expenditure</b>	3 318 975 000	1 708 760 802	51,48%

## ***Difficulties encountered***

---

Despite the significant efforts made by the public authorities, notably through the allocation of annual budgetary support for investment and operation, NASPW is facing a number of challenges in achieving its objectives. These include:

### **1- Infrastructure**

- Insufficient classrooms, especially amphitheatres. All this contribute in annihilating the capacity of NASPW and its annex structures, thus undermining their prospects for expansion. Strong grievances continue to be addressed to the various supervisory bodies to find suitable solutions to this crucial problem;
- The dilapidated state of the laboratory equipment does not allow for the proper conduct of practical work;
- The ageing of the NASPW's rolling stock, of which eight (8) out of ten (10) are over 7 years old;
- The absence of an appropriate building to house the library, the teachers' offices and the multimedia centre in Buea;
- The unsuitable residences for the officials of the NASPW annex in Buea.

### **2- Concerning Human Resources**

There is a general lack of teaching and non-teaching staff to ensure the effective implementation of the missions assigned to all the components of NASPW.

A draft provisional recruitment plan, which takes into account the positions to be filled as a priority and the related budgetary and financial impact was prepared to be submitted to members of the NASPW Board of Directors.

### **3- At the Budgetary and Financial Level**

- The inadequacy between the available budgetary resources and the actual expenses frustrates the efficient implementation of the action plan, particularly because of the ever-decreasing budgetary support package.
- The difficulties inherent in the procedure for releasing various budgetary instalments constitute real stumbling blocks to the effective and efficient implementation of action plans, the reallocation of funds during the year, even when the projects that these funds are supposed to finance have actually been implemented.
- The return to centralised management of budgetary support granted by the Ministry of Public Works, in particular allocated to the Buea Annex and to the two Public Works Trades Centres really hinders the preparation of exhaustive, reliable and sincere annual accounts.

## **CONCLUSION**

---

Decree No. 2016/426 of 26 October 2016 to reorganize the National Advanced School of Public Works is first and foremost an urge to greater excellence both in terms of academic performance in an ambitious, realistic and efficient managerial approach. The fundamental concern is the appropriation and internalisation of modern management paradigms, notably results-based management. However, despite the efforts made by the technical academic and financial supervisors to support NASPW in achieving its objectives and despite the dynamism imparted by the new management team, it is obvious that much remains to be done to enable this institution to fully develop its potential.

# RESOLUTIONS OF 23rd ORDINARY, 2nd EXTRAORDINARY AND 24th ORDINARY BOARD OF DIRECTORS MEETINGS

During the past year, three sessions of the Board of Directors of the School were held.

▶ These were the 23rd ordinary session of the Board of Directors on 10 February 2021 under the chairmanship of Mrs LEKEUFACK née METANGMO Virginie, President of the Board



## Recap of Resolutions

⇒ Resolution 01/CD/23/2021 adopting the agenda of the 23rd ordinary session of the Board of Directors.

⇒ Resolution 02/CD/23/2021 adopting the minutes of the 22nd ordinary session of the Board of Directors.

⇒ Resolution 03/CD/23/2021 adopting the annual activity report of the ENSTP for the year 2020.

⇒ Resolution 04/CD/23/2021 instructing the Director of the Akonolinga Public Works Trades Centre to make the contracts of his structure to the tender board.

⇒ Resolution 05/CD/23/2021 approving the recruitment of certain permanent teachers of the ENSTP within the framework of the Higher Education Teachers and fixing the related allowances.

N°	Name and First name	Academic Degrees
01	<b>BWEMBA Charles</b>	PhD in Civil Engineering
02	<b>WOUNBA Jean François</b>	PhD in Civil Engineering and Transportation
03	<b>MAKOMRA Valentin</b>	PhD in Mechanics
04	<b>AMOUGOU Lucien</b>	PhD in Sociology of Development
05	<b>FEUMO Achille</b>	PhD in Mathematics, option numerical analysis
06	<b>MOUAFO née MAT-CHEUBOU Alice</b>	PhD in Geography, option climate and environment
07	<b>Clétus FORBA FRU</b>	PhD in Geography
08	<b>LIMALEBA Roger Blaise</b>	Diplôme d'Etudes Approfondies (DEA) in Physics and Engineering Sciences, option Energy Mechanics
09	<b>KANDJA Terthurien</b>	Master of Research in Tropical Technologies

⇒ **Resolution 06/CD/23/2021** authorising the Director of ENSTP to sign the amendment No.1 to the convention between NASPW and the University of Padova.

⇒ **Resolution 07/CD/23/2021** authorising the opening at NASPW, for the academic year 2020-2021, of the following Specialised Masters courses:

- Specialized Masters implemented by NASPW: 1-Geotechnics; 2-Structures.
- Specialised Masters in partnership with the University of Padova: Water, Waste, and Sanitation.

⇒ **Resolution 08/CD/23/2021** authorising the opening of the doctoral cycle at ENSTP.

The annual registration fees for the doctoral cycle are fixed as follows

- *One million two hundred and twenty-five thousand (1 225 000) FCFA for Cameroonian students;*
- *One million eight hundred and twenty-five thousand (1 825 000) FCFA for foreign students.*

⇒ **Resolution 09/CD/23/2021** instructing the Director of ENSTP to prepare for the next session of the Board, a file analysing training costs of training. The file must include the following items:

- *A comparative analysis of the real costs of training in the public engineering schools (those dependent on universities and higher education establishments with special status);*
- *A comparative analysis of the real costs of training in public engineering schools (those dependent on universities and higher education establishments with special status);*
- *A quantified analysis of the evolution of the budgetary support granted to engineering schools;*
- *A comparison of the costs of training in higher education establishments with special status.*

⇒ **Resolution 10/CD/23/2021** instructing the Director of NASPW to prepare for the next session of the Board, a file analysing the rates of part time teaching. This file must include the following items:

- *The opinion of the legal experts on the application of the regula-*

*tory texts in relation to the «special statutes» of NASPW;*

- *The justification for the proposal of new vacation rates;*
- *The comparison of the rates practiced in other schools with similar status*

⇒ **Résolution 11/CD/23/2021** on the adoption of the three-year plan 2021-2023 and the budget for the year 2021 balanced in revenue and expenditure to the amount of CFAF 3,350,975,000 (three billion three hundred and fifty million nine hundred and seventy-five thousand).

▶▶ **The 2nd extraordinary session of the Board of 7 July 2021** under the chairmanship of Mrs LEKEUFACK née METANGMO Virginie, Board President



## Recap of Resolutions

⇒ **Resolution 01/CD/2SE/2021** of 7 July adopting the agenda of the 2nd extraordinary session of the Board



- ⇒ Resolution 01/CD/2SE/2021 of 7 July adopting the agenda of the 2nd extraordinary session of the Board of ENSTP.
- ⇒ Resolution 02/CD/2SE/2021 adopting the minutes of the 23rd ordinary session of the Governing Board of ENSTP.
- ⇒ Resolution 03/CD/2SE/2021 of 7 July adopting the organisation chart of the National School of Public Works.
- ⇒ Resolution 04/CD/2SE/2021 of 7 July 2002 validating the draft joint MINESUP-MINTP decree on the creation of Specialised Public Works Training Centres.
- ⇒ Resolution 05/CD/2SE/2021 of 7 July 2021 validating the draft joint MINESUP-MINTP decree on the creation of Specialised Public Works Training Centres.
- ⇒ Resolution 06/CD/2SE/2021 of 7 July 2021 adopting the Internal Regulations of the National Advanced School of Public Works.
- ⇒ Resolution 07/CD/2SE/2021 of 07 July 2021 adopting the salary scale and benefits of permanent teachers and non-teaching staff of the National Advanced School of Public Works.
- ⇒ Resolution 08/CD/2SE/2021 of 07 July 2021 adopting the statute of the teaching and non-teaching staff of the National Advanced School of Public Works.
- ⇒ Resolution 09/CD/2SE/2021 of 7 July 2021 on the appointment of permanent teachers of the National Advanced School of Public Works.
- ⇒ Resolution 10/CD/2SE/2021 of 7 July 2021 on the adoption of the rates of part time teaching at NASPW.

▶▶ The 24th ordinary session of the Board of the National Advanced School of Public Works of 08 July 2021 under the chairmanship of Mrs LEKEUFACK née METANGMO Virginie, President of the Governing Board



## Recap of resolutions

- ⇒ Resolution 01/CD/24SO/2021 of 08 July 2021 adopting the agenda of the 24th ordinary session of the Board.
- ⇒ Resolution 02/CD/24SO/2021 of 08 July 2021 approving the partnership agreement between NASPW and the firm AGORA CONSULTING.
- ⇒ Resolution 03/CD/24SO/2021 of 08 July 2021 approving the convention of implementation of the partnership agreement between the NASPW and the University of Golden Gate.
- ⇒ Resolution 04/CD/24SO/2021 of 08 July 2021 on the creation of an imprest account for certain current operating expenses of the NASPW.
- ⇒ Resolution 05/CD/24SO/2021 of 08 July 2021 adopting the accounts of the NASPW for the 2020 budgetary year.

# PROJECTS BY ARCHITECTURE STUDENTS OF THE NASPW



**LINEAGE AND EVOLUTION SCHOOL IN MBANKOMO**

Mbankomo is a small village in Cameroon located in the center region near the edge of the Cameroonian coast. The local population of the village is around 1000 people. In this community, the main question is: how can we build a school that is not only a place for learning but also a place for the community to gather and socialize? The school is designed to be a place where the community can meet and interact. The school is designed to be a place where the community can meet and interact. The school is designed to be a place where the community can meet and interact.

From the top, the general shape of this project clearly defines the shape of the building. The building structure is designed through a central distribution of the building, which is composed of all the spaces required for the school. The building is designed to be a place where the community can meet and interact. The building is designed to be a place where the community can meet and interact. The building is designed to be a place where the community can meet and interact.

**Design of a Primary school at Mbankomo, Yaoundé**  
 Academic year 2021/2022  
 Group 4  
 Prof. Eduardo Ntse

**Architecture and urban composition 2**

**Design of a Primary school at Mbankomo, Yaoundé**  
 Academic year 2021/2022  
 Group 4  
 Prof. Eduardo Ntse

**Architecture and urban composition 2**

- 1 Classrooms
- 2 Administration
- 3 Multimedia centre
- 4 Canteen
- 5 Multifunctional Room
- 6 Toilet
- 7 Sport Facility
- 8 Parking
- 9 Green Spaces

# OBITUARY 2021 AT NASPW



«  
**Prof. Marco Andrea  
GARUTI Associate  
Professor at NASPW  
made available by the  
University of Padova**

**28/07/2021**



**ONARI Julius OFON, 4th  
year MEng Civil Engineering**

**03/12/2021**



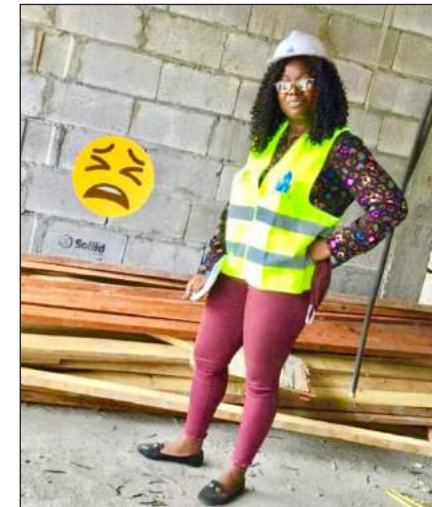
»  
**DJAPO NDJANJEU  
Silvère  
(Driver)**

**9/08/2021**



«  
**EBA Salomé  
Diane 5th year  
MEng Land Sur-  
veying**

**18/09/2021**



»  
**IKOULI YE  
ONGMAHEND  
Marie Made-  
leine Hoel,  
4th year MArc  
Architecture**

**07/10/2021**

