



**Marie-Thérèse SOMBO visits  
NIASR/Kipopo to restore order**

**AI ARES-UNKIN awards the prize for  
excellence to the President of the NSC  
Prof. MPIANA TSHIMANKINDA Pius**

**Orange Summer Challenge  
DRC**

The "Recystation" project  
wins the third  
edition, a revolution  
in waste management



# CONTENTS

<b>Edito.....</b>	<b>P3</b>
<b>Activities of the Minister of (ESURSI)</b>	
• Minister Marie Thérèse SOMBO visits NIASR-Yangambi .....	<b>P4</b>
• Marie-Thérèse SOMBO visits NIASR /Kipopo to restore order.....	<b>P5</b>
• Marie-Thérèse SOMBO closes the National Workshop on the implementation of doctoral schools .....	<b>P6-7</b>
• Marie-Thérèse SOMBO advocates for strengthening scientific cooperation in remote sensing.....	<b>P7</b>
• Marie-Thérèse SOMBO appoints the members of the Management Committees of the Higher Education and Scientific Research (ESU) institutions in Kinshasa and Équateur.....	<b>P8</b>
• Marie-Thérèse SOMBO issues a series of decrees to strengthen governance at the RSI.....	<b>P9</b>
<b>Activities of the NSC</b>	
• AI ARES-UNKIN awards the prize for excellence to the President of the NSC, Prof. MPIANA TSHIMANKINDA Pius.....	<b>P10</b>
• Closing address of the NCRS Scientific Days by the President of the NSC, Prof. MPIANA TSHIMANKINDA Pius, delivered by the Administrative Advisor of the NSC, MBEMBE BITENGELI Delly, on December 10, 2025 .....	<b>P10-11</b>
<b>Echoes of Research Institution</b>	
• Welcome address by the General Director of the NCRS, Prof. David NGINDU BUABUA, at the opening of the scientific days held from December 9 to 10, 2025 in Kinshasa.....	<b>P11-12</b>
• Welcome address by the General Director of the NCRS, Prof. David NGINDU BUABUA, at the opening of the scientific days held from December 9 to 10, 2025 in Kinshasa.....	<b>P12</b>
• Orange Summer Challenge DRC: the 'Recystation' project wins the third edition, a revolution in management Waste.....	<b>P13</b>
<b>Read for you</b>	
• Rawbank named best bank of the year 2025 in the DRC .....	<b>P14</b>
• Rawbank mobilizes the private sector against gender-based violence.....	<b>P14</b>
<b>Public Sector Research Centers and Institutes in the DRC.....</b>	<b>P15</b>

## ***Editorial Board of the Sciences and Technological Innovations Bulletin (STIB)***

### ***Publication Director :***

Christian MAZONO MPIA (NSC)

### ***Editor in chief :***

José MUSANGANA (HSRS)

General Secretary :

Jacques ASUKA MOTUNDU (NSC)

### ***Editorial Secretary :***

Jeanpi KALOMBO KANYINDA (NCRS)

### ***Deputy Editorial Secretary :***

Nathalie NKANGA (CGI)

### ***Central Editor :***

Dany LUYINDULA (NSC)

Jean-Luc BALOGIJE SELENGE (CRMD/BUNIA)

Eli MANUANA/GRC

Alain MBUYI MPOYI (WERC)

Nicole LUBUYA KANDA (GMRC)

Marcel MUENGULA

MAMYI (NIASR)

NDILU MALU (ATSRC)

LOTIME ANDANDA (CRLCA)

Freddy MADUKU MANZOMBA (NDRC/GEMENA)

Yves LUHEMBWE (AFRC/LUBUMBASHI)

Théodore LUMU MBINGE (AIPS)

Paulin MANDUNGU (VAC)

MBONZI NKWEDI (HSRC/BANDUNDU)

### ***Marketing and Advertising :***

Mélanie MWAMINI ZUHULA (CEA)

Patrick NSILULU MIFUNDU (NSC)

### ***Design and Computer Graphics :***

Patrick BHAYO (NSC)

Liévin MULUMBA KAPULU (MERC)

Josaphat MENAVUVU (NSC)

MPELO KANI. STEVENS (NSC)

### ***Camera :***

Jean Louis MBANDA (NCRS)

Johnny MINGANU (NSC)

### ***Translator :***

Roger MBOMA KWENGE (NSC)

### ***Distribution***

Baby MONKIA (NSC)



## The breeding ground for emergence

**C**omplexity often arises from fertile but undifferentiated ground, like a plant sprouting from soil. You don't pull on a plant to make it grow: you prepare the soil, water it, and then let biology take its course. Similarly, in the development of a nation, emergence is prepared, like soil. The stage must be set by focusing on the conditions that will allow order to emerge from disorder, accepting that the “whole” will take time to manifest itself, long after the individual parts have been put in place.

This is how the vision of an emerging Congolese scientific ecosystem is taking shape, thanks to the commitment of the supervisory authority in giving concrete form to a clear political impetus. Under the leadership of Her Excellency the Minister of ESURSI, Professor Marie-Thérèse SOMBO, the Ministry of ESURSI is now focused on creating the conditions for scientific research to flourish and develop in all its complexity.

Through its actions, the State is reaffirming its presence to ensure rigorous governance, which is essential for the development of our intellectual elite. The implementation of doctoral schools and the strengthening of cooperation in remote sensing, as well as the visit to the Yangambi forests, mark a decisive step: that of research connected to global issues.

In resolving these issues, the National Scientific Council (CSN) continues to shed light and set an example of scientific excellence, like invigorating rays on the sector. The award given to the President of this institution testifies to the vitality of our leading minds. At the same time, the scientific conferences organized by certain research institutions underscore that science can only progress through a successful symbiosis between the public and private sectors, as well as between researchers and the population, in a strategic partnership rooted in research and innovation.

Like a system, the emergence of a nation also requires a certain



*Professor Pius MPIANA TSHIMANKINDA  
NSC President*

amount of energy, a state in which the components are close enough to interact but free enough to reorganize themselves. The various activities of the Research Centers create such a setting. Whether it is poultry farming in Mwene Ditu, the unsuspected virtues of goat's milk in Luputa, or the necessary integration of traditional medicine in the face of sickle cell anemia, our researchers prove that the solutions to our daily challenges arise from our own soil. There is real hope that this creativity will be carried forward by a bold young generation, as exemplified by the “Recystation” project, winner of the Orange Summer Challenge, which transforms our waste into opportunities, demonstrating a synergy between knowledge, action, and innovation.

Another fruit of this creativity is the commitment of the private sector, as exemplified by Rawbank, a bank that links economic performance and social responsibility, reminding us that the emergence of a nation and its economic prosperity are inseparable from social justice and the fight against gender-based violence.

In reading this summary, our readers will discover that emergence is certainly a process that takes time, but that it is being prepared like fertile soil enriched not only by the results of various research projects, but also by the actions of the regulatory authorities, who are not content to simply provide the ground, but are creating the conditions for life to develop and organize itself in all its complexity.



## Activities of the Minister of ESURSI

### Minister Marie Thérèse SOMBO visits NIASR-Yangambi

***During a working visit to Tshopo Province, the Minister of Higher Education, Academic, Scientific Research, and Innovation, Professor Marie-Thérèse SOMBO, visited the National Institute for Agricultural Studies and Research in Yangambi (INERA/Yangambi) on December 17, 2025, in the province of TSHOPO.***

***Leading a large delegation from her ministry, she went to learn about the realities of the National Institute for Agricultural Studies and Research (INERA) in Yangambi.***

While there, the Minister visited two of the six research programs developed by this strategic institute for Congolese agriculture. First stop: the National Coffee Program. Professor SOMBO toured the seed conservation warehouse where various coffee varieties are stored, before visiting the nurseries. INERA Yangambi is currently conducting research on 263 coffee varieties, a major genetic resource for the revival of this sector. According to the director of this research center, Professor Dieu Merci Assumani, no fewer than 86,000 coffee seedlings have already been distributed to the local population, thereby contributing to the

improvement of agricultural incomes in the region.

The ministerial delegation (members of the Cabinet, the SG/RSI, and the CSN) then visited the site of the Oil Palm Program. Welcomed at the nursery and then at the program's headquarters, the Minister listened to explanations from INERA Deputy Director General Mamie MUHIYA and the Center's Director about the process of recovering and promoting oil palm varieties native to the DRC but exported for several decades to Malaysia, Indonesia, and Ghana. These varieties, now in their 21st generation abroad, contrast with the 4th generation only reached in the DRC, illustrating both the potential and the challenges of national research.

The highlight of the visit was the stop at the INERA Yangambi Administrative Building, where Professor Marie-Thérèse SOMBO spoke with the institute's staff and researchers. They outlined the major difficulties they face: outdated infrastructure, insufficient equipment and means of transport, and an aging workforce. On this subject, Professor Assumani pointed out that more than 450 staff members will be eligible for

retirement at the beginning of 2026, with the institute's partners announcing that they will cover the costs.

In response, the Minister made a firm commitment, promising to provide INERA Yangambi with a vehicle as soon as she returned to Kinshasa, in order to improve the center's mobility and efficiency.

It should be noted that this visit to Yangambi is part of a series of inspection tours already carried out by the Minister at research centers in the provinces of Haut-Katanga and Lualaba, reflecting the government's desire to revitalize scientific research and innovation in the service of national development.

***Laurent Kangisa, Communications Unit of the Minister of ESURSI, and Christian MAZONO/CSN***



## Marie-Thérèse SOMBO visits NIASR/Kipopo to restore order

*The Minister of Higher Education, Universities, Scientific Research, and Innovation (ESURSI), Prof. Marie-Thérèse SOMBO, visited the National Institute for Agricultural Studies and Research in Kipopo, Katanga (INERA/Kipopo), on December 11, 2025, in the province of Haut-Katanga.*

Determined to fight firmly against all forms of anti-values in the RSI sub-sector, H.E. Prof. Dr. Marie-Thérèse SOMBO personally visited the INERA Kipopo site. The main objective of this mission was to restore order and put an immediate end to the illegal activities taking place there.

For nearly a year, the National Institute for Agronomic Study and Research in Kipopo (INERA/Kipopo) has been facing a vast operation of plundering carried out by various individuals, structures, and public services. These actors have illegally appropriated portions of land within the INERA Kipopo site in Haut-Katanga, causing the destruction of important tree species that constitute a strategic reserve for nature conservation and the fight against global warming.

A total of 800 hectares have been illegally occupied, leading to the uncontrolled opening of avenues, the establishment of commercial sites, and the construction of several unauthorized buildings.



The perpetrators of these acts will be brought before the courts, not only for land grabbing, but also to answer for the damage caused to biodiversity, some of which has been deliberately destroyed.

The Minister was accompanied by the Secretary General for Scientific Research and Innovation, the Deputy Director in charge of research, the Deputy Director General of INERA, the President of the National Scientific

Council, and the President of the Conference of Heads of Institutions of Haut-Katanga.

**Communication Unit of the Minister of ESURSI and Christian MAZONO/CSN**



## Marie-Thérèse SOMBO closes the National Workshop on the implementation of doctoral schools

*The Minister of Higher Education, Research, Science, and Innovation, Marie-Thérèse SOMBO, officially closed the National Workshop on the implementation of doctoral schools at the University of Lubumbashi (UNILU), held from December 10 to 11, 2025.*

An in-depth assessment was carried out and a series of operational resolutions were adopted by the experts and heads of institutions authorized to organize doctoral schools.

Several prominent figures took part in this workshop, including the presidents of the conferences of heads of institutions, the presidents of the boards of directors, the deans of the faculties/UNILU, professors, representatives of doctoral students, and the heads of the Ministry's technical structures: CPE, ANAQ-ESU, the president of the National Scientific Council, etc.

The time for conceptual reforms is now behind us: the time has come to operationalize and apply legal and regulatory texts.

### **Key resolutions: Focus on quality and rigor**

Among the major decisions resulting from the workshop, five guidelines stand out :

- Need to disseminate the provisions of Decree No. 134 and the resolutions of the ESU-DRC General Assembly
- Strict application of legal and regulatory

texts: participants reaffirmed the obligation to apply Decree No. 134, the regulatory texts in force, and the resolutions of the 2021 ESU General Assembly. This serves as a reminder that quality stems first and foremost from compliance with standards..

### **Fixed deadlines: DEA and old theses**

DEA theses must be defended by December 31, 2025, at the latest. After that date, they will be illegal (unless the heads of the institutions obtain special exemptions). In addition, there will be no more DEA enrollments.

Theses from the previous system must be defended before 2028. The aim is to definitively close the old system and enter the new doctoral era without exception.

From now on, the doctoral school is the only framework for training doctors in the DRC. There will be no more theses outside the doctoral school created in accordance with the procedure set out in Decree 134.

Organization of doctoral schools: an immediate choice

Eligible institutions must choose the organizational model for their doctoral schools now, present it to the University Council, and submit their proposals to the University Council, which will hold a session this Monday at UPN. Institutions are invited to officially create their

doctoral schools and open registration without delay. It should be noted that the Doctoral School of the Catholic University of Congo has already begun the doctoral academic year under the supervision of the supervisory authority and in accordance with legal and regulatory provisions.

### **The resolutions also emphasize :**

- The promotion and industrial transfer of research results (in synergy with the Congolese Scientific Engineering Incubator);
- Access for doctoral schools to funding from the National Fund for Scientific Research and Technological Innovation (FNRSIT);
- The implementation of ethical charters, performance contracts, and scientific governance tools;
- Anti-plagiarism standards, AI benchmarks, and measures to combat tribalism, clientelism, corruption, and politicization, in order to strengthen rigor in doctoral training;
- The profiles of teacher-researchers in doctoral schools;
- The federation of higher education institutes in doctoral schools created in eligible institutions;

- The central role of the National Quality Assurance Agency, the Permanent Studies Commission, the National Fund for RSIT, and the Congolese Scientific Engineering Incubator in supporting doctoral innovation;
- The need to train trainers, define course models, and plan a rigorous doctoral calendar (project, staff, courses, fieldwork, indexed publications, thesis defense);
- The importance of promoting the thesis in relation to its societal usefulness and industrialization.

It should be noted that the doctoral school is the heart of postgraduate studies, based on collegial supervision and an environment of active laboratories. The doctoral program must be clearly structured: admission, confirmation, evaluations, scientific activities, progressive production, promotion, defense, post-defense.

**Christian MAZONO/CSN and communications unit of the Minister of Higher Education, Research, and Innovation**



## Marie-Thérèse SOMBO advocates for strengthening scientific cooperation around remote sensing

*The Minister of Higher Education, Universities, Scientific Research, and Innovation (ESURSI), Marie-Thérèse SOMBO, has called for greater scientific cooperation between research institutions in the Democratic Republic of Congo and their international partners. This statement was made during the scientific days organized by the National Remote Sensing Center (CNT) from December 9 to 10, 2025, in Kinshasa.*

According to Minister SOMBO, the government intends to "support and encourage the strengthening of scientific collaboration, both regionally

and internationally," in order to enable Congolese research centers to participate fully in the production of cutting-edge knowledge.

She also urged researchers, particularly those at the National Remote Sensing Center (CNT), to intensify the production of reliable data that is useful to policy makers. This data, she stressed, must help guide public policy and respond to the country's challenges, particularly in terms of peace, security, and sustainable development.

"I call for collective mobilization to promote

the adoption of innovative technologies, among which remote sensing plays an essential role," said the minister, recalling the importance of innovation for youth and gender.

**Christian MAZONO/CSN and La Voix du Peuple**



## Marie-Thérèse SOMBO appoints the members of the CGE Committees of ESU-Kinshasa & Equateur

*The Minister of Higher Education, Universities, Scientific Research, and Innovation (ESURSI), Marie-Thérèse SOMBO, appointed rectors, directors-general, and members of management committees at several higher education institutions in the provinces of Kinshasa and Équateur on December 9, 2025.*

These decisions are part of the reform, good governance, and academic quality improvement initiatives led by Her Excellency Prof. Dr. SOMBO AYANNE SAFI MUKUNA Marie-Thérèse, Minister of ESURSI.

**Ministerial Decree appointing the Management Committees of institutions in the City-Province of Kinshasa**

*This Decree concerns seven public higher education and university institutions, for which the following have been designated and appointed:*

### **Rectors and Directors General**

*The following officials have been officially designated :*

University of Kinshasa (UNIKIN): KAYEMBE NTUMBA Jean-Marie – Rector

University of Information and Communication Sciences (UNIC): BAYEDILA BAKANDA Espérance – Rector

Haute École de Commerce: KAPUTA LOTA José – Director General

Higher Institute of Applied Techniques (ISTA):

ILUNGA MBUYAMBA Élisée - Director General

Higher Institute of Statistics of Kinshasa (ISS/ Kin): ALIANGO MARACHTO DEDÉ – Director General

Higher Institute of Architecture and Urban Planning: KAZADI MABIKA Hubert – Director General

Academy of Fine Arts: KALAMA AKULEZ Henri – Director General

It should be noted that the exhaustive lists of names are included in the Decree and cover, in particular, UNIKIN, UNIC, the Haute École de Commerce, ISTA, ISS/Kinshasa, ISAU, and the Académie des Beaux-Arts, with an indication of their positions and registration numbers.

Ministerial Decree appointing the Management Committees of the institutions of the City of Mbandaka, Equateur Province

This Decree appoints the academic and administrative heads of the following institutions: Rectors and Directors General

- University of Mbandaka (UNIMBA): LOTOY ILANGO-BANGA Jean-Pierre – Rector

- Higher Institute of Medical Techniques of Mbandaka (ISTM): NGOY BOKOLOMBE Pitchou – Director General

- Higher Institute of Rural Development (ISDR/Mbandaka): FOHLE LYGUNDA LI-

MWANGWELA – Director General

- Higher Institute of Fisheries (ISPêche/ Mbandaka): MASAMBA FAMODE David – Director General

The head of ESURSI indicated that these measures aim to consolidate the governance of higher education and university institutions, to enhance transparency and accountability in administrative, academic, and financial management, to enable better preparation for the upcoming elections of rectors and directors general, in accordance with the legal texts in force, and to ensure the continuity of public university services and the proper implementation of ESURSI's missions.

She also stressed the importance of commitment, professional ethics, and strict compliance with the law in the exercise of the responsibilities entrusted to them.

Communication Unit of the Minister of ESURSI and Christian MAZONO/CSN



## Marie-Thérèse SOMBO issues a series of decrees to strengthen governance at SRI

*The Minister of Higher Education, Universities, Scientific Research, and Innovation (ESURSI), Prof. Marie-Thérèse SOMBO, carried out a series of institutional adjustments from November 26 to 28, 2025, aimed at strengthening governance, transparency, and the proper functioning of public structures dedicated to scientific research and innovation in the Democratic Republic of Congo (DRC).*

These measures, contained in several ministerial decrees, mainly concern the National Fund for Scientific Research and Technological Innovation (FNSRIT) and the Geographic Institute of Congo (IGC).

Suspension of provisional members of the FNSRIT

Under the terms of Decree No. 139 of November 26, 2025, the Minister suspended three members of the provisional General Management of the FNSRIT, citing serious indications of financial and administrative mismanagement and a clear reluctance to cooperate with an audit mission conducted by the supervisory authority. The suspended officials are: Kabeya Tshikuku, Provisional Director General, Ntagoma Kushinganine Jean-Baptiste, Provisional Deputy Director General, Masuku Njikala Étienne, Provisional Legal Director.

Appointment of a new provisional team to head the FNSRIT

As a result of the previous measure, Decree No. 140 of November 26, 2025 appointed an interim team to ensure the continuity of activities. :

- Mumba Ngoy Dieudonné, Interim Chief Executive Officer
- Kabama Mbui Allegra, Interim Deputy Chief Executive Officer
- Fuka Nzau Augustin, Interim Chief Administrative and Legal Officer
- Kabengele Obel Benoît, Interim Chief Operating Officer

This measure aims to ensure the smooth running of national research projects funded by the FNSRIT.

Suspension of the Management Committee of the Institut Géographique du Congo (IGC)

Decree No. 144 of November 26, 2025 suspended the members of the IGC Management Committee following serious indications of guilt, particularly concerning embezzlement and administrative breaches.

The suspended members are: Balibuno Luganda Fidèle, Director General, Kanda Tshikala Firmin, Scientific Director, and Bokeleale Jean-Marie, Administrative and Financial Director.

Establishment of a new IGC Management Committee

To ensure institutional continuity, Decree No. 142 of November 26, 2025, designated and

appointed the new authorities of the Institut Géographique du Congo: Bankimi Lessayi Christophe, Director General, Leba Kabongo Guy, Scientific Director, and Kalengula Muyima, Administrative and Financial Director.

Through these various decisions, the Minister reaffirms the Government's commitment to :

- strengthen the administrative and financial management of public research structures;
- ensure transparency in the management of scientific funds and projects;
- ensure the continuity of the strategic missions of national institutes;
- promote integrity, ethics, and good governance within the research system. These changes are part of the drive to modernize and enhance the credibility of scientific research in the DRC, with a view to providing researchers, students, and institutions with a healthier, more efficient, and excellence-oriented environment.

**Communication Unit of the Minister of ESURSI and Christian MAZONO/CSN**



USCA activities

**AI ARES-UNKIN awards the prize for excellence to the President of the NSC, Prof. MPIANA TSHIMANKINDA Pius**

**T**he Institutional Support Program of the Academy of Research and Higher Education and the University of Kinshasa (AI ARES-UNKIN) awarded the Teacher Excellence Award to the President of the National Scientific Council (NSC), Professor MPIANA TSHIMANKINDA Pius, on December 5, 2025, at the Chapiteau des hommes du Plateau of the University of Kinshasa (UNIKIN) in Kinshasa.

The ARES-UNKIN AI Teacher Excellence Award recognizes teachers who have supervised at least five doctoral or aggregation theses.

Professor MPIANA TSHIMANKINDA is one of the lucky recipients who has distinguished himself in recent years for his personal dedication, his contribution to the visibility of the University of Kinshasa, and his constant concern for ensuring high-quality succession.

It should be noted that AI ARES-UNKIN is a program that funds research, development, scholarships, and capacity-building projects. It focuses on gender, digitalization, and the environment to improve research and governance at UNIKIN.

**MAZONO Christian/NSC**

**Closing speech of the NCRS Scientific Days by the President of the NSC, Prof. MPIANA TSHIMANKINDA Pius, delivered by the Administrative Advisor of the NSC, MBEMBE BITENGELI Delly, on December 10, 2025.**

*Dear General Directors,*

*Dear Directors of Central Services,*

*Dear Members of the Management Committees of Research Centers and Institutes,*

*Dear Partners,*

*Dear NCRS Staff and Executives,*

*Ladies and Gentlemen,*

*Distinguished Guests,*

*It is with great pleasure that I address you at this moment, during the two-day scientific conference organized by the National Center for Remote Sensing (NCRS) here at the INA. Allow me first to express my deep gratitude to the organizers, as well as to all the national and international institutions that support this work. This year's theme, "Remote sensing, a fundamental science for peace and sustainable development," perfectly illustrates the strategic role that this discipline plays today in building a responsible future for our country.*

*In a world marked by accelerating climate change, pressure on natural resources, unplanned urbanization, and security challenges, remote sensing is an indispensable scientific tool for understanding, anticipating, and taking action. I congratulate the Director General of the NCRS, who reminded us of this yesterday in his welcome address. Thanks to the collection, analysis, and interpretation of spatial data, the NCRS is now a strategic center capable of supporting informed decisions in vital sectors, including :*

- *sustainable management of forests and biodiversity;*
- *monitoring of mineral, hydrological, and agricultural resources;*
- *land use and urban planning;*
- *natural disaster prevention;*
- *and even peacebuilding through better knowledge of the territory..*

*These scientific conferences provide an ideal opportunity to share advances, compare approaches, and strengthen collaboration between research centers and institutes in our country.*

*To this end, I ask the directors general here today and those represented to work together on joint projects and in synergy to improve research results and, above all, to promote national expertise in space science.*

*I strongly encourage researchers, doctoral students, engineers, and students to seize this opportunity to propose innovations, question existing methods, and open up new avenues of research. Science progresses through exchange, intellectual rigor, and methodological rigor; your presence here is proof of that.*

*The National Scientific Council, for its part, reaffirms its commitment to supporting any initiative that aims to strengthen national capacities,*

*promote scientific excellence, and encourage the responsible use of space technologies for the development of our beloved country, the Democratic Republic of Congo.*

***I thank you.***

*NSC President Prof. MPIANA TSHIMANKINDA Pius*

## *Echoes of Research Institutions*

### **Welcome address by NCRS CEO Prof. David NGINDU BUABUA, during the scientific conference held on December 9th and 10th, 2025**

*Your Excellency, Minister of ESURSI,  
Head of Cooperation at the Embassy  
of Japan,  
Secretary General for Scientific  
Research and Innovation,  
President of the National Scientific  
Council,  
JICA Project Manager,  
Directors General,  
Directors of Central Services,  
Members of the Management  
Committees of Research Centers and  
Institutes,  
Dear Partners,  
Dear CNT Staff and Executives,  
Ladies and Gentlemen,  
Distinguished Guests in your official  
capacities, with all due respect,  
In my capacity as Director General  
of the National Remote Sensing*

*Center (NCRS), I have the honor  
and pleasure of welcoming you  
to the opening of these Scientific  
Days, organized under the theme:  
“Remote Sensing, Fundamental  
Science for Peace and Sustainable  
Development.”*

*Your presence here today  
demonstrates the importance that  
each of you attaches to science,  
innovation, and building a future  
based on responsibility, cooperation,  
and knowledge.*

*Remote sensing, which is at the heart  
of our mission, is not just a technical  
tool. It is a strategic instrument that  
informs our decisions, strengthens  
good governance, and enables  
us to anticipate the challenges  
that threaten our resources, our*

*territories, and our communities.  
It makes a concrete contribution  
to conflict prevention, sustainable  
environmental management,  
land use planning, and climate  
monitoring.*

*In a world where environmental  
and socio-economic pressures are  
intensifying, our role as a national  
institution is becoming essential.  
The NCRS is committed to putting  
satellite data, geospatial analysis,  
and scientific expertise at the service  
of sustainable development, the  
foundation of peace and stability.  
These Scientific Days are a special  
opportunity for us, a time for  
mutual learning and exchange  
between researchers, experts, and  
public and private partners. A time*



*to build innovative solutions and collaborations that will shape the future.*

*During these conferences, we will also attend the signing ceremony for a partnership between the NCRS and SOLAFUNE, a Japanese company working in the field of remote sensing combined with artificial intelligence.*

*I therefore invite you to participate actively and welcome you all.*

*General Director of the NCRS Prof. David NGINDU BUABUA*



## Scientific Days 2025: A launch marked by a strategic partnership between the NCRS and Solafune

**U**nder the theme “Remote sensing, fundamental science for peace and development in the DRC,” the 2025 Scientific Days of the National Remote Sensing Center (NCRS) opened on Tuesday at the National Institute of Arts. The first day was marked by the signing of a strategic partnership between the NCRS and the Japanese company SOLAFUNE, strengthening scientific cooperation in the fields of remote sensing and artificial intelligence.

In her address, Her Excellency Professor Dr. Marie-Thérèse Sombo emphasized the strategic importance of scientific research and innovation for sustainable development and peace in the Democratic Republic of Congo.

Research in the field of remote sensing is essential for observing the national territory, analyzing data, and supporting the government in its decision-making,” she stated. She noted that, thanks to satellite imagery and data from drones and other

space-based tools, it is now possible to track population movements in real time, anticipate tensions, monitor illegal land occupation and the illicit exploitation of natural resources, identify at-risk areas, and promote inclusive planning.

The Minister also issued a strong appeal to all researchers in the country, and to those at the National Transitional Council (NCRS) in particular, to intensify their research and innovation efforts and to propose concrete solutions to national challenges. For his part, the Director General of the National Telecommunications Council (NCRS), Professor David Ngindu, emphasized the central role of remote sensing in the country’s development and governance: “Remote sensing, at the heart of our mission, is not just a technical tool. It is a strategic instrument that informs our decisions, strengthens good governance, and allows us to anticipate the challenges that threaten our resources, our territories, and our communities,” he stated.

Freddy Kankolongo, representative of Solafune, explained that the agreement aims to help the Congolese government better understand volcanic phenomena, prevent flood-related disasters, detect illegal mining operations, prevent erosion, and monitor drainage ditches.

We are ready, with the support of the Prime Minister, to work together to develop remote sensing in the DRC,” he declared. It should be noted that this first day highlighted the central role of the NCRS as a national pillar of remote sensing and technological innovation, as well as the various works carried out by its researchers and experts.

**Gloria MALONDA/ NCRS**

## Orange Summer Challenge DRC: the “Recystation” project wins the third edition, a revolution in waste management

The Orange Digital Center in Kinshasa hosted the national pitch and awards ceremony for the third edition of the Orange Summer Challenge in the DRC on Thursday, December 4, 2025. This annual competition is dedicated to technological innovation and youth entrepreneurship. The day was marked by boldness, creativity, and a commitment to inclusive digital transformation in the Democratic Republic of Congo.

Mr. Yves Longo, Director of Strategy and Transformation at Orange DRC, representing the CEO of Orange DRC, Mr. Brutus Sadou Diakité, praised the spirit driving the young project leaders.

“This day marks not only the end of a competition, but also a day to celebrate remarkable, innovative young people, their creativity, their ingenuity, and their ability to push the boundaries of digital technology in the DRC. It also testifies to Orange’s unwavering commitment to being the preferred partner in the DRC’s digital transformation,” he stated.

For Orange, this competition fully embodies the Group’s innovation strategy. Organized in 15 countries across Africa and the Middle East, this initiative leverages the Orange Digital Center ecosystem, designed to support talent and build a truly digital nation.

This third edition in the DRC, themed “Startup 4Good,” highlighted technological solutions with a strong social and environmental impact. Four teams competed for the top national prize:

- RecyStation (Aurore N’sasi): Connected terminals to revolutionize waste management and the urban environment.
- Safi Mayi (Josué Kalubi): Artificial intelligence for water management, enabling real-time monitoring and improved resource management.
- Electronic Profilometer (Christian Ntambwa): An advanced technological solution for detecting road damage and planning maintenance.
- ViaCare ME (Ferawi Mabila): Digital health to save lives through optimized prenatal and vaccination monitoring via smart card and SMS.



In the end, the Recystation project, led by a team of young innovators headed by engineering student Aurore N’sasi, won the third edition.

It all started with an idea I shared with my team members, and we brought the project to life together. I want to tell young people to believe in their dreams,” said Aurore.

The Recystation project received a prize of 6 million Congolese francs. The second, third, and fourth-place projects received 3 million, 2.5 million, and 1.325 million Congolese francs, respectively.

Recystation: A smart solution for rethinking waste management

The project offers a modern and participatory approach to waste management in the DRC. It relies on a smart bin capable of automatically collecting and classifying waste through a user authentication system, as well as a mobile application that allows citizens to earn points for each waste deposit, which can be converted into benefits such as discount coupons or phone credit.

It also includes a web platform for managers, partners, and authorities, offering analytical data on waste traceability, transformation, and environmental impact. By providing actionable data and a citizen engagement system, Recystation aims to sustainably transform waste collection practices in Congolese cities.

For Josy N’Kongo Poundja, Director of the Culture, Engagement, Sponsorship & CSR Department at Orange DRC, the talent of the finalists illustrates the potential of Congolese youth.

All the proposed solutions concern the well-being of the Congolese population and were designed by young people who worked tirelessly to present you with solutions that work and are just waiting to be developed further. There is great hope for Congolese youth, provided they are supported and well-guided, and that is what we are doing here at the Orange Digital Center,” she emphasized. An adventure that continues on an international level

By winning first prize at the national level, the Recystation team will represent the DRC at the international final of the Orange Summer Challenge, which will be held in February 2026 in Casablanca, Morocco.

Since its inception, the Orange Summer Challenge has positioned itself as a true accelerator of impactful innovation. It supports young talent by providing them with expertise, mentorship, and technological infrastructure to transform their ideas into sustainable solutions. The initiative supports startups combining hardware and software, with the aim of addressing the social and environmental challenges facing communities.

*Rédaction/NSC*

## Rawbank named best bank of the year 2025 in the DRC



**R**awbank has been named Bank of the Year 2025 in the DRC by The Banker, the Financial Times Group publication. This award recognizes the strongest and best-performing financial institutions in their market each year.

According to The Banker, Rawbank distinguished itself through its improved results, the progress of its transformation program, and its role in financing major projects, notably a \$400 million international syndicate for the expansion of Kamo-a-Kakula, a key project for the country's copper industry and energy capacity. The bank also strengthened its financial position between 2022 and 2024 and underwent a strategic rebranding in April 2025. "This award recognizes the hard work of our teams and the trust of our clients," said Mustafa Rawji, CEO of Rawbank. This award adds to other accolades received this year, including Best Bank in the DRC (Euromoney Awards 2025) and World's Safest Banks 2025 (Global Finance). A leader in the banking sector for 13 years, Rawbank now has USD 6.2 billion in assets and a network of over 100 branches across 19 provinces.

Below is the full press release.

**rawbank**

COMMUNIQUÉ DE PRESSE

Rawbank remporte le prix de la Banque de l'Année 2025 en RDC, décerné par The Banker

Londres, le 5 décembre — Rawbank, banque leader en République Démocratique du Congo, a été élue Banque de l'Année 2025 en RDC par The Banker, publication du groupe Financial Times et référence mondiale du secteur bancaire. Cette distinction, attribuée à une seule institution par pays, récompense les banques qui se distinguent par la solidité de leur modèle, la cohérence de leur stratégie et leur contribution mesurable au développement de leur économie.

Un prix attribué selon une évaluation exigeante et indépendante

Le prix « Bank of the Year » distingue les institutions qui, sur la période évaluée, ont fait preuve d'une performance robuste, d'une gouvernance renforcée, d'une capacité d'innovation tangible et d'un impact réel sur l'économie réelle. L'équipe éditoriale du Financial Times s'appuie sur l'analyse des résultats financiers, des initiatives stratégiques récentes, des avancées technologiques, du développement de nouveaux services et de l'intégration progressive des enjeux environnementaux, sociaux et de gouvernance pour déterminer la banque la plus méritante dans chaque pays.

Une distinction fondée sur des avancées majeures en 2025

En 2025, The Banker a retenu Rawbank en raison de la progression de ses résultats, de l'avancée de son programme de transformation et de son rôle dans le financement de projets structurants pour l'économie congolaise. La banque a renforcé sa solidité financière entre 2022 et 2024, engagé une nouvelle dynamique stratégique illustrée par son rebranding d'avril 2025, et structuré un financement syndiqué international de 400 millions de dollars pour l'expansion du projet Kamo-a-Kakula, contribuant à la fois au positionnement de la RDC sur le marché mondial du cuivre et au renforcement de ses capacités énergétiques.

« Cette distinction récompense le travail remarquable de nos équipes et la confiance renouvelée de nos clients. Être désignée Banque de l'Année par The Banker confirme la pertinence de notre stratégie et renforce notre ambition de contribuer à un secteur financier plus moderne, plus inclusif et plus performant en République Démocratique du Congo. » déclare Mustafa Rawji, Directeur général de Rawbank

Une reconnaissance internationale qui s'inscrit dans la continuité des distinctions reçues en 2025

Ce prix s'ajoute à plusieurs distinctions majeures obtenues cette année, dont le titre de « Meilleure Banque de la RDC » aux Euromoney Awards 2025, la reconnaissance « World's Safest Banks 2025 » décernée par le magazine Global Finance, ainsi que la présence de Rawbank parmi les « 300 Champions africains de la finance » par le média Jeune Afrique.

À propos de RAWBANK

Depuis 23 ans, avec un total d'actifs de 6,2 milliards de dollars, Rawbank soutient le développement de l'économie congolaise. Première banque de la RDC depuis 13 ans, Rawbank offre les produits et services les plus modernes à ses 500 000+ clients Corporate, PME et Particuliers à travers un réseau de plus de 100 agences dans 19 provinces du pays, une offre digitale avec Illicocash, la banque par internet et plus de 320 guichets automatiques. Son action est récompensée par l'African Bankers Award 2022 et 2024 de la meilleure banque régionale d'Afrique centrale, une note Moody's B3, des certifications ISO/IEC 20000 et ISO/IEC 27001. Les partenaires qui font confiance à RAWBANK sont entre autres : IFC, BAD, TDB, BADEA, AGF, etc. Pour plus d'informations, visitez notre site web :

## La Rawbank mobilise le secteur privé contre les violences basées sur le genre

**R**awbank brought together several human resources directors in Kinshasa on Tuesday, December 9, 2025, for a conference dedicated to combating gender-based violence (GBV). Under the theme "Socio-economic and ethical impacts of GBV + the role of the private sector in prevention," the meeting highlighted the need for coordinated action in the workplace..

Ely Kabangu, head of the Rawbank Academy, reiterated the bank's zero-tolerance policy: "We must transform our leadership culture by denouncing and refusing to tolerate violence against women or any other person.

Rawbank raises awareness in the workplace and has an accessible channel for reporting any form of violence." He also mentioned the

"Orange Yellow Days," webinars conducted with UN Women, and internal training programs aimed at promoting non-violence. Tatiana Muadi, HR Director of Vodacom DRC, emphasized the importance of technological tools during the 16 Days of Activism: "We have an anonymous hotline for reporting abusive behavior.

Every quarter, a workshop allows everyone to speak freely. Training on sexual harassment is mandatory, even for the CEO." "For Jessica Webe, Executive Director of UN Global, the fight against gender-based violence remains a major human rights issue: 'Companies must integrate violence prevention and response if they hope to eradicate it.'" Rawbank thus stands out as a key player in the prevention of and awareness-raising on gender-based



violence in the DRC, affirming its commitment to transforming the workplace into a safe and respectful space for all.

Editing/NSC

## PUBLIC-SECTOR RESEARCH CENTERS AND INSTITUTES IN THE D.R. CONGO

<p><b>RIHS (Research Institute in Health Science)</b>  <i>Objective: To improve the state of health of the population through research in the following fields: pharmaceutical, medical, anthropological, psychological or socio-cultural.</i>                      Address: 9, Av. Lukusa C/Gombe; E-mail: dnyembo@gmail.com; Tel: 0824580211</p>	<p><b>SSRC (Social Science Research Center / Bandunduville)</b>  <i>Objective: to carry out practical scientific research into major socio-economic and cultural issues.</i>                      To promote sustainable aquatic development.                      Address: 29, Av. de la mission, Q/Salongo, C/Basoko. BANDUNDUVILLE, BP. 223; E-mail: akuzituka@gmail.com; Tel: 0815898971</p>
<p><b>ATSR (Applied and Technologic Sciences Research Center)</b>  <i>Objectif: Mettre au point des matériaux, des appareils, des méthodes ou procédés Objective: To develop materials, equipment, methods or processes with a view to finding solutions to the population's urgent problems in various fields: housing, rural development and the modernization of the society.</i>                      Address: 106, Blvd du 30 Juin, C/Gombe; E-mail: Jeannoel.mputu@gmail.com; Tel: 0821138261</p>	<p><b>FERC (Forest Ecology Research Center /Mabali)</b>  <i>Objective: Scientific research on plants, aquatic species and animal species.</i>                      Address: D.S/MBANDAKA D.S/MBANDAKA/PROVINCE OF ECUADOR; E-mail: bosomboependi2@gmail.com; Tel: 0825241704</p>
<p><b>RGHS (Research Center in Human Sciences)</b>  <i>Objective: To ensure the human development of the Congolese people through the study of its social, economic and political dimensions with a view to identifying the factors that have a positive or negative influence on its development.</i>                      Address: :33,Av.comité urbain C/ Gombe; E-mail: mingashang@yahoo.fr; Tel: 0819377821</p>	<p><b>NDRC (Nutritional Diseases Research Center/Gemena)</b>  <i>Objective: Research into diseases linked to malnutrition, such as related diseases by isolating certain molecules, such as SYZYSIUM GUINESIE to combat amoebic yeasts and diarrhea in South Ubangi.</i>                      Address: Mobutu n° 220/A. GEMENA/ SOUTH UBANGI PROVINCE; E-mail: cherusangi@yahoo.fr; 0992416091</p>
<p><b>RCMT (Research Center in Mathematics Teaching)</b>  <i>Objective: To carry out research in the field of mathematics teaching with a view to improving quality.</i>                      Address: 84, Av. des Ambassadeurs C/ Gombe; E-mail: mabelamatendorostin@gmail.com; Tel: 0815031877</p>	<p><b>NSRC (Natural Sciences Research Center /Lwiro)</b>  <i>Objective: To carry out, promote and coordinate research in the fields of science, technology and industry throughout the DRC.</i>                      Address: LWIRO LWIRO , TERRITORY OF KABARE/SUD KIVU; E-mail: robert.kasisi@umontreal.com; Tel: 0996806699.</p>
<p><b>GRC (Geophysical Research Center)</b>  <i>Objective: To provide the country with a national geophysical observation network, for the global study of the internal behavior of the earth in the DRC.</i>                      Address: 44, Av. de la démocratie, C/ Gombe( within GMRC); E-mail:tondozi@gmail.com; Tel: 0854426228</p>	<p><b>MDRC (Multidisciplinary Development Research Center /Bunia)</b>  <i>Objective: To carry out operational research in the north-east of the DRC in the fields of applied linguistics, African cultures and applied sciences.</i>                      Study of nature, fauna, flora and protection of endangered species.                      Address: BUNIA/ITURI; E-mail: Kermwathomas@gmail.com; Tel: 0997717070</p>
<p><b>AIPS (African Institute of Prospective Studies)</b>  <i>Objective: To carry out forward-looking studies in order to propose solutions to crises and problems linked to the evolution of African societies.</i>                      Address: Av. Cardinal Malula, C/ Lemba; E-mail: mgrtarcibangu@yahoo.fr; Tel: 0996658741</p>	<p><b>HRC (Hydrobiology Research Center in Uvira)</b>  <i>Objective: To program, coordinate and monitor research activities in hydrobiology, limnology and hydrology.</i>                      hydrobiology, limnology and fisheries in all ecosystems.                      Address: 115, AV. du Congo, Q/Kimanga, C/Kalundu, UWIRA / SUD KIVU; E-mail: bida-kamuhzoa@gmail.com; Tel: 0997716307.</p>
<p><b>MDRC (Multidisciplinary Development Research Center/Matadi)</b>  <i>Objective: To carry out operational research in central Congo in the field of applied linguistics of African cultures and applied sciences</i>                      Address: :Hôtel de la porte Matadi; E-mail: Mwanzanicolas5@gmail.com; Tel:0815037949</p>	<p><b>CBRNEC (Chemical, Biological, Radiological and Nuclear Excellence Center)</b>  <i>Objective: To contribute to the mitigation of chemical, biological, radiological and nuclear risks.</i>                      Address: 106, Blvd du 30 Juin, C/Gombe; E-mail: coe.cbrn.rdc@gmail.com; Tel: 0817742543.</p>
<p><b>NCPIR (National Committee for the Protection of ionizing Radiation)</b>  <i>Objective: - Regulatory authority for protection against the dangers of ionizing radiation in the DRC management of radioactive sources of radioactive materials such as uranium.</i>                      Address: 4675, Av. Colonel Ebeya, Immeuble Quitus 2ème niveau; Email: Flory1963@gmail.com; Tel: 0816684665</p>	<p><b>GVO (Goma Volcanological Observatory)</b>  <i>Objective: Prevention of volcanic risks by monitoring volcanoes and Lake Kivu.</i>                      Kivu; Management of natural risks; scientific research.                      Address: 142, Avenue Du Rond Point ; Quartier Les Volcans ; Commune de Goma ; Ville Goma; North-Kivu; E-mail: mavotulu@gmail.com; Tel: 0998584734</p>
<p><b>AEC (French Atomic Energy Commission)</b>  <i>Objective: To carry out, promote and coordinate scientific and technical research in various fields of science and industry, concerning the use of atomic energy and space research.</i>                      Address: UNIKIN building; E-mail: Steve.muanza.kamunga@gmail.com; Tel: 0808643248.</p>	<p><b>WERC (Water and Environment Research Center)</b>  <i>Objective: To serve as a training and research center focusing on water and environmental management.</i>                      To propose solutions to problems that could arise around water. Create a national network of Congolese scientists and researchers to analyze and disseminate information on the impact of climate change in the DRC. Promote education and the right to the environment.                      Address: 44, Comité Urbain C/ GOMBE; E-mail: ngelipatience@gmail.com; Tel: 0818105625.</p>
<p><b>CGI (Congo Geographic Institute)</b>  <i>Objective: Production of the base map of the DRC at a scale of 1/50,000 and its derivatives.</i>                      Address: 106, Blvd du 30 Juin, C/Gombe; E-mail: Fidele.balibuno@unikin.ac.cd; Tel: 0974449240.</p>	<p><b>RCSARP (Research Center for the Selection and Adaptation of Ruminants and Pigs)</b>  <i>Objective: To carry out studies and research in the field of ruminant and pig breeding</i>                      Address: 45, Av. Lumumba, Q/de la gare, LUPUTA/ KASAI-ORIENTAL; E-mail: tshamalagabriel@gmail.com; Tel: 0851817370</p>
<p><b>GMRC (Geologic and Mining Research Center)</b>  <i>Objective: To carry out studies and analyses to improve knowledge of the soil and subsoil of the national territory.</i>                      Address: 44, Av. de la démocratie, C/ Gombe; E-mail: rolandkakule@gmail.com; Tel: 0851506161</p>	<p><b>NCRS (National Center for Remote Sensing)</b>  <i>Objective: Research in remote sensing.</i>                      Address: PLACE ROYAL IMMEUBLE PLACE ROYAL IMMEUBLE KASAI; E-mail: davidngindub@gmail.com; Tel: 0815103502.  <b>NCROS (National Center for Research in Oral Science)</b>  <i>Objective: To carry out studies and research in the field of oral health.</i>                      Address: 13, 10ème Rue, Industriel Quarter, C/Limete; E-mail: Cnrsbd.rdc@gmail.com; Tel: 0822244152; 0811835159; 0840922982</p>
<p><b>NIASR (National Institute for Agronomic Study and Research)</b>  <i>Objective: To promote the development of agriculture in the Congo. To maintain varieties, multi-local trials, and its farmers, management and conservation of germplasm. Set up a program to monitor and evaluate research activities.</i>                      To disseminate new varieties. Give the emerging technical department its reason for being, with a view to producing basic and pre-basic seed.                      Resume publication of the agricultural magazine to disseminate research results.                      Address: 13, Av. des Cliniques, BP :2037 KINSHASA, C/Gombe; E-mail: domikankonde@yahoo.fr; Tel: 0818248620</p>	<p><b>CAS (Congolese Academy of Sciences)</b>  <i>Objective: Promotion and dissemination of science, technology, arts and letters.</i>                      Support for inventive initiatives.                      Address: Sciences Faculty/ UNIKIN local 28; E-mail: jimuyembet@gmail.com; Tel: 0813330242</p>
<p><b>RCALC (Research Center into African Language and Culture)</b>  <i>Objective: To coordinate and carry out all research projects concerning African languages and cultures.</i>                      Address: 53 C, Av. Makiso, blvd du 30 juin, Kisangani/ Tshopo. Tel: 0851934320</p>	<p><b>MIPRC (Matadi Interdisciplinary Pedagogical Research Center)</b>  <i>Objective: -Information science.</i>                      Address: The buildings of the Matadi Higher Pedagogical Institute; Tel: 0896501462</p>
<p><b>AFRC (Agro-Food Research Centre/Lubumbashi)</b>  <i>Objective: To identify processes for processing and preserving basic local agricultural products.</i>                      To improve the quality of imported or locally produced foodstuffs by applying approved standards and quality control.                      Help the technological development of the existing agro-industry by providing them with technical assistance wherever possible.                      Address: 1, Av. Président ILEO, Q/CRAA, C/Lubumbashi; E-mail: Julesnkulu@gmail.com; Tel: 0997131002</p>	

## CONGOLESE REVIEW OF SCIENCES AND TECHNOLOGIES

Published by the National Scientific  
Council, Ministry of Scientific Research  
and Technological Innovation  
Democratic Republic of Congo

ISSN (Online): 2959-202X ISSN Print) :2960-2629 DOI: 10.59228 rcst  
[www.csnrdc.net](http://www.csnrdc.net)

Our review is indexed in the following platforms::



### Subscription conditions

Ordinaire : 15\$  
Soutien : 30\$  
Honneur : 50\$

### **The National Scientific Council (NSC) is the sole supervisory and decision-making body for all research centers and institutes in the DR Congo**

In accordance with article 24 of Ordinance-Law n°82-040 of 5 November 1982 on the organization of scientific and technical research, the National Scientific Council is responsible for:

1. to deliberate on the guidelines and priorities of the scientific and technological research plans and programs to be carried out in the country ;
2. to deliberate on the allocation of resources from the State budget to scientific and technological activities;
3. supervising the financial management of research centers and institutes
4. approving the budgets of the Research Institutes and Centers and submitting them to the Minister for Scientific Research for approval
5. approving the organic regulations of the Research Institutes and Centers;
6. proposing to the Minister for Scientific Research the appointment and promotion of scientific and administrative personnel.

For advertisements and partnerships contact us

Printed on Jan 12th 2026



Boulevard du 30 juin, Place Royal, Immeuble Kasai, 2nd Floor, Left Wing, Gombe Township



Site Web : [www.csnrdc.net](http://www.csnrdc.net)



Email: [contact@csnrdc.net](mailto:contact@csnrdc.net)



N°Tél: +243 81 87 96 646; +243 89 85 32 086