



**Minister
Marie-Thérèse
SOMBO AYANNE
SAFI MUKUNA
Closing of the Forum
on Congolese
Scientific Genius
2025**



**Judith SUMINWA TULUKA opens the
Congolese Scientific Genius Forum
2025**

**The CSGF coordination team
publishes a list of 50 innovative
winners**

**Portrait of Minister Marie-Thérèse
SOMBO AYANNE SAFI MUKUNA**

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*Professor Pius MPIANA TSHIMANKINDA
NSC President,*

One step, two steps, it's discovery

It's not rocket science, say the French in their quest for knowledge and discovery of innovations. For a long time in the Democratic Republic of Congo (DRC), the field of research seemed to have been consigned to oblivion. But today, the reality appears quite different in light of the efforts that many continue to make in this sector. The arrival of the Congolese Scientific Engineering Forum in the Congolese research community says it all.

The momentum that has been building for months hints at a taste for discovery, innovation, and above all, research. One step, two steps, and it's discovery, it's an innovative project. If this is not rocket science

for the French, it is not rocket science for the Congolese either.

The structures of the Ministry of Higher Education, University, Scientific Research, and Innovation (MESURSI) are digging everywhere, and the spirit of creation is alive and well. Innovations line the path created by the supervisory authority by setting up a forum that is itself innovative. It is a success for this sector. This forum is dispelling the timidity, nonchalance, and indolence that have lulled Congolese researchers into a state of complacency. Today, innovations are pouring in with each new episode, and MESURSI should be proud of this. The National Scientific Council is ensuring that this momentum continues.

Because the knowledge created by Congolese people must be a profitable commodity for the nation, with every step counting towards innovation, it is in the Congolese government's interest to focus on the continued running of the Forum du Génie Scientifique (FGSC). Discovery does not happen in a single day. A journey of a thousand miles begins with a single step, as they say.

The FGSC remains the source of Congolese innovation. We can no longer remain silent, especially since innovation is also Congolese. Everything is off to a good start.



Government Activities

Judith SUMINWA TULUKA opens the Congolesse Scientific Genius Forum 2025

On behalf of the Head of State, President of the Republic His Excellency Félix Antoine TSHISEKEDI TSHILOMBO, who was unable to attend, Prime Minister His Excellency Judith SUMINWA TULUKA opened the third Congolesse Scientific Genius Forum (FGSC) 2025 on Monday, August 11, 2025, in the auditorium of the People's Palace in Kinshasa.

The Head of Government conveyed a strong message from the Head of State, emphasizing the vital role of scientists in the country's emergence:

"You are the actors of emergence, where science is not a luxury but a condition for survival and prosperity."

She praised young Congolesse engineers, biologists, and entrepreneurs for their innovations in solar energy, biodiversity, and public health, calling for their promotion through public-private partnerships.

Continuing her speech, Judith SUMINWA announced a historic increase in the budget allocated to scientific research, now raised to more than 3% of the national budget, compared to less than 1% previously. This measure is part of the Government's 2024-2028 Action Program, which provides for: the revitalization of research centers, the dissemination of high-performance technical models, the protection of intellectual property, and synergy between scientists and authorities.

"I have instructed the government to strengthen mechanisms for promoting the production and dissemination of prototypes developed by our researchers so that they can quickly find their place in the national value chain," said the head of government.

Speaking on behalf of the FGSC, the



Prime Minister Judith SUMINWA, outgoing Minister Gilbert KABANDA, and incoming Minister of ESU/RSIT Prof. Marie-Thérèse SOMBO visiting the stands displaying the innovators' products.

Honorary Minister of Scientific Research and Technological Innovation and initiator of the FGSC, Dr. Gilbert KABANDA, praised the alignment of Congolesse scientific engineering with the presidential vision, recalling that 64 innovation initiatives have already been offered to the government.

As for the President of the FGSC Scientific Commission and President of the National Scientific Council, Professor MPIANA TSHIMANKINDA Pius, he paid tribute to the President of the Republic for his personal involvement in holding the Congolesse Scientific Engineering Forum.

After these speeches, the Prime Minister visited the exhibition stands, discovering the prototypes, inventions, and discoveries of Congolesse researchers and innovators. These exchanges highlighted the country's scientific potential and prospects for concrete transformation.

The ceremony ended with a group photo



Outgoing Minister Gilbert KABANDA talking with incoming Minister Prof. Marie-Thérèse SOMBO

of Prime Minister Judith SUMINWA TULUKA with outgoing SRTI Minister Gilbert KABANDA, FGSC evaluators, and innovators.

The Forum continued until the end of the week, providing a strategic platform for networking, talent development, and reflection on the technological future of the DRC..

Christian MAZONO/NSC



Activities of the Minister of ESURSI

Minister Marie-Thérèse SOMBO AYANNE SAFI MUKUNA closes the Congolese Scientific Genius Forum 2025

The Minister of Higher Education, University, Scientific Research, and Innovation (ESURSI), Professor Dr. Marie-Thérèse SOMBO, closed the third edition of the Congolese Scientific Genius Forum (FGSC) on August 30, 2025, in the Banquet Hall of the People's Palace in the Lingwala district of Kinshasa.

In her speech, Minister Marie-Thérèse SOMBO undertook to support scientific research and innovation in the Democratic Republic of Congo (DRC). She paid tribute to the Head of State, whose vision places scientific research and innovation at the heart of development and national renaissance.

The Minister also affirmed that she would personally monitor the implementation of the Forum's recommendations, so that Congolese Genius can feed the population with appropriate agro-ecological solutions, improve mobility, reduce traffic jams, provide clean energy for schools and health centres, support the Congolese defence forces with technological tools, improve infrastructure with simple and effective innovations, and educate children with content rooted in Congolese realities.

With this in mind, she urged the Federation of Enterprises of the Congo, industrialists, investors, decision-makers and partners to invest in Congolese innovation and in the results of our research, to have confidence in Congolese researchers, and to order and consume locally.

Minister Marie-Thérèse congratulated Congolese researchers, innovators and inventors on their remarkable achievements and their dedication, pointing out that Congolese genius can

restore the dignity, independence and sovereignty of the DRC.

The head of ESURSI also pointed out that in the next few days, once the evaluation of research structures and institutions has been finalised, she will be putting in place a clear organisation for action research (innovation, partnerships, administration, funding), with transparent decision-making bodies.

She also paid tribute to the work accomplished by her predecessor, Dr Gilbert KABANDA, expressing the wish that the innovations resulting from the FGSC 2025, as well as those from previous editions, be rigorously supported by the Incubator for Congolese Scientific Talent (IGSC) in their scientific and industrial maturation.

The third Congolese Scientific Genius Forum, opened on 11 August 2025 by Prime Minister Judith SUMINWATULUKA, highlighted the talents of Congolese researchers, inventors and innovators. More than 500 projects were submitted, and juries selected 50 to receive awards. The aim of this scientific event was to promote inventions 'Made in Congo' and to involve the Congolese scientific elite in the country's development.

Christian MAZONO /NSC



SEM Marie-Thérèse SOMBO delivering her closing speech at the FGSC 2025



Handover: Prof. Dr. Marie-Thérèse SOMBO replaces Dr. Gilbert KABANDA

The Minister of Higher and University Education (ESU), Professor Marie-Thérèse SOMBO AYANNE, succeeded the Minister of Scientific Research and Technological Innovation, Dr. Gilbert KABANDA KURHENG, who had held the position for two years.

The handover ceremony was marked by a tone of mutual respect and continuity. It took place under the supervision of the Secretary General for Scientific Research, Odon NDAMBU MWALANGA, and was attended by senior administrative and scientific staff. During the day, these two officials reviewed the issues and challenges of this strategic portfolio.

In his opening remarks, Dr Gilbert KABANDA KURHENG reviewed his time at the head of SRTI. He recalled that when he took office, the Ministry "had been virtually lifeless for 42 years", and that he had worked to put it back at the heart of national priorities. "We have demonstrated that the Congo has the capacity to compete like other nations in the world in the development of Africa and the world in the scientific and technological fields", he said.

The former Minister called on his successor to continue along the same path and to

draw on the country's intellectual resources: "May all these works, and others that she herself will devise, give our country the means to take charge of its own economic, social and security affairs, thanks to the Congolese brains that I affectionately call the Congolese scientific geniuses".

For her part, Professor Marie-Thérèse SOMBO said she was aware of the "importance and excitement" of the task entrusted to her by the President of the Republic, H.E. Félix TSHISEKEDI, saying: "The field of scientific research and innovation is a powerful lever for economic and social development. Its absence or neglect in development strategies is like a man wanting to live without his brain".

She reassured the players in the sector about the merger of SRTI with ESU, saying that this union was not a threat, but rather a natural complementarity: "These two sub-sectors are Siamese twins. Most of the people involved come from the same academic background and work alongside each other on a daily basis", she declared.

Minister SOMBO also praised the remarkable work of her esteemed predecessor in bringing scientific research out of the ghetto and into the public eye.

She promised to "consolidate what has been achieved" and to work "collegially", bringing together both the most renowned and lesser-known researchers, in the conviction that "the pooling and judicious exploitation of each other's intelligence is an inexhaustible source of success".

The ceremony ended on a note of optimism, with both personalities expressing a shared desire to make scientific research and innovation a driving force for Congolese development. Minister Marie Thérèse SOMBO reaffirmed her commitment to working "to listen to everyone" and to "meet the challenges of ignorance and obscurantism" in the country.

Christian MAZONO/NSC and exacte infos



2nd FGSC Evaluation: Marie-Thérèse SOMBO visits the various evaluation booths and exhibition stands at FGSC 2025

On August 11, 2025, the Minister of Higher Education, Universities, Scientific Research, and Innovation, Professor Marie-Thérèse SOMBO, visited the various evaluation booths and exhibition stands at the Congolese Scientific Genius Forum (FGSC).

During this visit, FGSC evaluators presented Minister Marie-Thérèse SOMBO with the selected projects from researchers, inventors, and innovators. She reaffirmed her support for the continued work of the Congolese Scientific Genius Forum.

The head of ESURSI praised the ingenuity of several young researchers and innovators, while reiterating the government's ambition to make science a real lever for technological sovereignty.

The evaluators thanked the new Minister, Professor Dr. Marie-Thérèse SOMBO, for her presence. They considered that the DRC has no shortage of geniuses capable of providing answers to the concerns of the Congolese people.

It should be noted that the evaluations of the candidates shortlisted for the FGSC continued until the end of August 2025. In the end, fifty (50) innovations were selected.



The President of the NSC, Prof. Pius MPIANA TSHIMANKINDA, greeting His Excellency SOMBO AYANNE SAFI upon his arrival.



The entrance of H.E. Marie Thérèse SOMBO into the Banquet Hall of the People's Palace

Christian MAZONO/NSC



Beijing: Marie-Thérèse SOMBO in favor of smart education in the DRC

The Minister of Higher Education, Universities, Scientific Research, and Innovation (ESURSI), Professor Dr. Marie-Thérèse SOMBO, participated in the Conference on Smart Education in Beijing, China, on August 19, 2025.

At the conference, Minister Marie Thérèse Sombo presented the world with a coherent and ambitious vision aimed at adapting the DRC's education system to the challenges of the digital age.

In her speech, she called for a roadmap structured around three fundamental commitments. First, universal access to educational tools and infrastructure. Second, ethical responsibility in the use of technologies to protect data and preserve cultural diversity. Finally, active cooperation between states, universities, businesses, and local communities.

The Minister also welcomed the convergence between the conference's objectives and the educational policy promoted by the SUMINWA government, recalling the DRC's

commitment to implementing this strategic direction.

She went on to demonstrate that the integration of New Information and Communication Technologies (NICT), combined with the increased mobility of teachers and students within the framework of the LMD, is a prerequisite for making the Congolese education system more competitive.

In the same vein, Minister Marie-Thérèse SOMBO indicated that the DRC's participation in this conference also offers an opportunity to renew lasting partnerships and attract pilot projects likely to accelerate the modernization of university infrastructure and the training of educational leaders. In the short term, this should translate into exchange programs, continuing education initiatives, and educational content platforms adapted to the Congolese context.

By advocating an approach that is both inclusive and ethical, the Congolese delegation sought to make heard the voice of a country where the challenge is not only technological but also social: ensuring that

the digital transition benefits all learners, while respecting cultural identities and confidentiality rules.

The Minister's presence in Beijing illustrates, beyond the diplomatic gesture, the Congolese government's desire to place education at the heart of its development strategy, focusing on innovation, data protection, and international cooperation.

Finally, the head of ESURSI was very satisfied with the DRC's participation in this conference, whose objectives are in line with the government's education policy.

Christian MAZONO/NSC and Forum des As

Portrait

ESURSI :**Who is the Minister****Marie-Thérèse
SOMBO AYANNE
SAFI MUKUNA ?**

The new Minister of Higher Education, Universities, Scientific Research, and Innovation (ESURSI), Marie-Thérèse SOMBO, is a professor in the Department of Neurology at the Faculty of Medicine at the University of Kinshasa, a specialization reserved for an elite few. Her appointment and reappointment by the President of the Republic is in line with the need to pursue far-reaching reforms within the Ministry.

Dr. Marie-Thérèse SOMBO graduated from the Faculty of Medicine at the University of Kinshasa (UNIKIN) in 2004.

After completing her medical studies, she pursued a specialization in psychopathology at the Neuropsychopathology Center (CNPP) at the University of Kinshasa, which she completed in 2010.

Since 2012, she has been working as a collaborating physician at the Monkole Hospital Center to provide comprehensive medical care to patients.

In 2020, Dr. Marie-Thérèse SOMBO reached an important milestone in her career by obtaining her aggregation at the Neuropsychopathological Center (CNPP) of the University of Kinshasa. This recognition of her expertise in neuropsychiatry earned her an appointment as Professor at UNIKIN.

As a professor, she teaches in several medical schools across the country, including the University of Bunia, the University of Kisangani, the University of Uélé, etc.



Professor Marie-Thérèse SOMBO teaches courses in neurology, psychiatry, neurophysiology, and medical psychology. She is also a researcher at the Complex Morbidity Unit of the National Institute for Biomedical Research (INRB).

Her areas of research include neuro-infectiology, neurodevelopment, neuropsychology, epilepsy, and mental health. She is the author of several scientific publications.

It should be noted that she has been involved for several years in the Ethics Committee of the School of Public Health of the Faculty of Medicine at UNIKIN, contributing to the promotion of diversity and inclusion in the field of public health.

She is also a member of the Technical Advisory Group for Vaccination at the Ministry of Health (MINISANTE), a hospital physician, and a promoter of the Neuro-Psycho-Diagnostic Cabinet. In addition, she has served as treasurer of the

Association for the Promotion of Neuroscience (APRONES).

On May 29, 2024, she was appointed Minister of Higher and University Education (ESU), replacing Mr. MUHINDO NZANGI. On August 8, 2025, she was reappointed to this position, and the Head of State, His Excellency Felix Antoine TSHISEKEDI, also assigned her the Scientific Research and Innovation sector.

Christian MAZONO/NSC



The FGSC coordination team publishes the list of 50 winners for the 2025 edition

On 23 August 2025 in Kinshasa, the Coordination of the Congolese Scientific Genius Forum (FGSC) published the list of 50 innovator/inventor winners for the 2025 edition..

After evaluating more than 500 pre-selected projects from innovators/inventors, the jury, composed of university professors, selected the 50 best initiatives, all of which scored above 77%.

These projects, the result of the ingenuity of Congolese people of all ages, cover a wide range of fields: health, agri-food, digital technology, energy, defense, the environment, etc. They testify to the remarkable scientific dynamism in our country.

The tables below list the names of the winners of the 2025 edition, whose inventions and innovations are listed alongside their respective names.

1. LIST OF RESEARCH RESULTS, INVENTIONS, AND INNOVATIONS TO BE AWARDED / EDITION

NAMES OF CANDIDATES	N°	TITLE OF THE RESEARCH RESULT, INVENTION, OR INNOVATION	AREAS OF INTERVENTION	% PRE-FORUM	% FORUM
MAFINGA GIRESE	1.	SAKI LOIM PHARMA	HEALTH & WELL-BEING, PRODUCTS_ METHODS_SANITARY TECHNOLOGY	83	85
BONGWELE ONANGA GUYGHENS	2.	USE OF CALCINED CLAY-LIMESTONE OR CALCINED CLAY-LIMESTONE-DOLOMITE MIXTURES AS A SUBSTITUTE FOR CLINKER IN THE MANUFACTURE OF PORTLAND CEMENT COMPOSITE	ENVIRONMENT, SANITATION, AND CONSTRUCTION	82	85
BANINGI BAMOTANGA ODILON	3.	VSA – 243	AERONAUTICS _ AEROSPACE_REMOTE SENSING	82	84
KANDA MBUYI	4.	DINAMAX	AGRI-FOOD, AGRICULTURE & LIVESTOCK AND AGRO TECHNOLOGY	68	84
BARAKA MAHESHE ARSENE	5.	MACHINE FOR CONVERTING PLASTIC WASTE INTO FUEL	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	64	84
LEKATA TEBUNGAGI DOUDOU	6.	BF FLOODING ALERT	ENVIRONMENT, SANITATION, AND CONSTRUCTION	76	83
MUSHIYA NKONGOLO NELLY	7.	SYNTHESIS OF ALUMINUM SULFATE	ENVIRONMENT, SANITATION, AND CONSTRUCTION	74	83
ELOMA EONG'OKOLI GHOTRAN	8.	INCINERATION OF BIOMEDICAL WASTE	HEALTH & WELL-BEING, PRODUCTS_ METHODS_SANITARY TECHNOLOGY	81	82

CISHUGI SOLANGE ELVIRAH	9.	BERAKAH TECH	AGRI-FOOD, AGRICULTURE & LIVESTOCK AND AGRO TECHNOLOGY	75	82
CASINGA RAFIKI	10.	VERSAB	ENVIRONMENT, SANITATION, AND CONSTRUCTION	75	82
MUBIALA ROLF	11.	EKENGE	DEFENSE, SECURITY, SOVEREIGNTY, ARMAMENT, AND SECURITY TECHNOLOGY	70	82
KAPINGA TSHIAMI ELYSE	12.	LONGA MOLILI	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	69	82
N'SASI MATONDO AURORE	13.	BILENETECH/RECYSTATION	ENVIRONMENT, SANITATION, AND CONSTRUCTION	78	81
KAMBALE WASINGUA BABA 1er	14.	FIRE ARM	DEFENSE, SECURITY, SOVEREIGNTY, ARMAMENT, AND SECURITY TECHNOLOGY	74	81
KANDA MUTABAZI SIMON	15.	SOLUTION TO TRAFFIC CONGESTION IN KINSHASA	TECHNOLOGY & AUTOMOTIVE ENGINEERING_ROAD TRAFFIC	72	81
MABLA BOBINA FERAWI	16.	PREPAID CARD WATER PAYMENT SYSTEM	COMPUTER SCIENCE, AI, ENGINEERING & COMPUTER TECHNOLOGY	82	80
KAYEMBE KABITANGA GLOIRE	17.	KKGM MACHINE GUN	DEFENSE, SECURITY, SOVEREIGNTY, ARMAMENT, AND SECURITY TECHNOLOGY	80	80
TAZZ CHARLES RUSELL	18.	OTM LIMBA	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	79	80
MULUBA GAUTANGI ALPHONSE	19.	NATIONAL POPULATION REGISTER IN THE DRC	COMPUTER SCIENCE, AI, ENGINEERING & COMPUTER TECHNOLOGY	79	80
SISSI MAZODILA NTUMBA SEPHORA	20.	AGRITECH	AGRI-FOOD, AGRICULTURE & LIVESTOCK AND AGRO TECHNOLOGY	77	80
MUFUNGAMBAKA ELIA ROGER	21.	MASHI DICTIONARY	ART, LEISURE, CULTURE, AND EDUCATION	85	79
BUBI NSILU PAMELA	22.	BBPICK SUPER APP	COMPUTER SCIENCE, AI, ENGINEERING & COMPUTER TECHNOLOGY	80	79
MUHINDO BIHANGO ARSEL	23.	INTEGRATED TRACKING, TARGETING, AND AUTONOMOUS NEUTRALIZATION SYSTEM (SITCNA)	COMPUTER SCIENCE, AI, ENGINEERING & COMPUTER TECHNOLOGY	79	79
LEKATA TEBUNGAGI DOUDOU	24.	BF MODERN TECHNOLOGY	COMPUTER SCIENCE, AI, ENGINEERING & COMPUTER TECHNOLOGY	75	79
LONGA LONGA MOSENGO JUNIOR	25.	REMOTE BOMB DETONATION DEVICE	DEFENSE, SECURITY, SOVEREIGNTY, ARMAMENT, AND SECURITY TECHNOLOGY	71	79
NZOLA NZOLA EDEN	26.	DELUXE PEDAL-OPERATED HAND WASH BASIN	SANTE & BIEN ETRE, PRODUITS_ METHODES_ TECHNO SANITAIRES	69	79
KASHANGE MULUME PATRICK	27.	KOKORIKO	AGRI-FOOD, AGRICULTURE & LIVESTOCK AND AGRO TECHNOLOGY	67	79
KABEYA MUADIAMVITA	28.	RESEARCH PROGRAM FOR TERRITORIAL OPENING UP	AERONAUTICS _ AEROSPACE_REMOTE SENSING	63	79
MUTOMBO CIBIAYI FRANCOLIN	29.	TRIBUTE TO THE MINISTER OF SCIENTIFIC RESEARCH	SOCIETY AND HUMANITY	61	79
MUKALENG MURUND	30.	DESIGN AND MANUFACTURE OF NUMERICAL CONTROL MACHINES	ENERGIE, GENIE HYDRO. & TECHNO. ELECTRIQ_ELECTRON_MECANIQ	85	78
ILUNGA WA MUKINA	31.	UMEME WETU	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	85	78
LONGENJA SAMBO GRACE	32.	MILITARY DRONE	DEFENSE, SECURITY, SOVEREIGNTY, ARMAMENT, AND SECURITY TECHNOLOGY	84	78
MUKOMBOZI ZERU FARAY	33.	INTELLIGENT SYSTEM	COMPUTER SCIENCE, AI, ENGINEERING & COMPUTER TECHNOLOGY	78	78

LAY EKUAKILE AIME	34.	INNOVATIVE DETECTION IN WATER PIPING USING THE ADVANCED TRANSFORMATION METHOD FOR MAGNETIC RESONANCE	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	75	78
HABAMUNGU BALAHAMWABO NORBERT	35.	SMART INDUSTRY 5.0 DRC	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	74	78
MUFUNGIZI BULIBIRHA EMILE	36.	MISU YA LIKOLO	AERONAUTICS _ AEROSPACE_REMOTE SENSING	74	78
MBUSE ANGEMBO KEVIN	37.	ELECTRA SYNTH	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	71	78
UKUNDJI UKUNJI JOHN	38.	GEOLOCATION AND FUEL MONITORING	COMPUTER SCIENCE, AI, ENGINEERING & COMPUTER TECHNOLOGY	71	78
LOKENDE NDJOKO JEAN	39.	PRODUCTION OF RENEWABLE AND SUSTAINABLE ENERGY	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	70	78
MATADI MUKENDI SERGE	40.	ECO-FRIENDLY SANITARY FACILITIES	ENVIRONMENT, SANITATION, AND CONSTRUCTION	68	78
KASHALA NJINGULULA BENJAMIN	41.	E-SCHOOL B	ART, LEISURE, CULTURE, AND EDUCATION	64	78
IZIAMBI HINGASE MARQUS	42.	IZMAQ A7	DEFENSE, SECURITY, SOVEREIGNTY, ARMAMENT, AND SECURITY TECHNOLOGY	81	77
MATEMPA NSONSA ALAIN	43.	CONVERTER STABILIZER	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	78	77
BIOLO MALUNDANA ESTHER	44.	YA BISO VINO	AGRI-FOOD, AGRICULTURE & LIVESTOCK AND AGRO TECHNOLOGY	78	77
LUHATA LOKADI PIERRE	45.	OTRIM (DERMATOLOGICAL SOAP))	HEALTH & WELL-BEING, PRODUCTS_METHODS_SANITARY TECHNOLOGY	75	77
CISHUGI SOLANGE ELVIRAH	46.	BIOFERTILIZER	ENVIRONMENT, SANITATION, AND CONSTRUCTION	73	77
KABEYA TSHIKUKU	47.	KMM PARTENERS	ECONOMY_FINTech_MOBILIZATION OF ENTREPRENEURS AND FINANCE	72	77
MUBOYAYI MUBOYAYI JOSUE	48.	THERAPEUTIC MAYONNAISE NOTEBOOK	HEALTH & WELL-BEING, PRODUCTS_METHODS_SANITARY TECHNOLOGY	71	77
ELYHU BAFUIDI NSONI	49.	MEDIBOX	ENERGY, HYDRO ENGINEERING & ELECTRICAL, ELECTRONIC AND MECHANICAL TECHNOLOGY	70	77
NGOY SYLVESTRE THOMAS	50.	MYTH OF THE DRC IN THE 21ST CENTURY	SOCIETY AND HUMANITY	61	77

Issued in Kinshasa, le 21 august 2025
 Banquet Hall of the People's Palace
Professeure Odette KABENA NGANDU



Professor Pius MPIANA TSHIMANKINDA



2. LIST OF FIVE RESEARCH RESULTS, INVENTIONS, AND INNOVATIONS TO RECEIVE SPECIAL RECOGNITION IN THE 2025 EDITION

NAMES OF CANDIDATES	N°	TITLE OF THE INVENTION OR INNOVATION	AREAS OF INTERVENTION	MOTIF
ALIMASI NKOYO ISAAC	1	ROAD PLASTIC	ENVIRONMENT, SANITATION, AND CONSTRUCTION	LESS AGE
MUSUMBU KANINDA GILBERT	2	AGRIBOT TRACTOR	AGRI-FOOD, AGRICULTURE & LIVESTOCK AND AGRICULTURAL TECHNOLOGY	MORE AGE
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Christian MAZONO/NSC

Échoes of Research Institutions

Nuclear safety in the DRC

Professor Florimond NYAMOGA KABANDA presents the qualities of safety measures in nuclear facilities.

The National President of the National Committee for Protection against Ionizing Radiation (NCPIR), Professor Florimond NYAMOGA KABANDA, gave an exclusive interview to the STIB editorial team, highlighting the importance of the safety measures implemented in nuclear power plants as a key factor in ensuring the physical security of radioactive materials, disused sources, and nuclear waste.

In his view, physical barriers, access controls, surveillance systems, staff training and response protocols are all part of the security measures taken at nuclear facilities.

To prevent unauthorised access, theft, sabotage and illegal trafficking of sensitive materials, it is essential to ensure that

high-quality security measures are put in place to prevent unauthorised persons from entering facilities by building electrical and physical barriers such as fences and the like.

Florimond NYAMOGA KABANDA added that these measures are often imposed by regulations and are therefore more than just a matter of practicality. The only cornerstone for guaranteeing the safety and security of facilities handling radioactive materials is a combination of cutting-edge surveillance technology and a team of highly qualified security personnel," he said.

It should be noted that in the Democratic Republic of Congo (DRC), exploring and assessing the quality of security measures at nuclear facilities involves determining whether or not they comply

with international standards, locating weaknesses or flaws in security systems and ensuring that security protocols are properly implemented.

This assessment should take account of the DRC's difficulties, such as conflict and instability, so that security measures can be adapted accordingly, concluded Professor Florimond NYAMOGA KABANDA.

Théodore LUMU/AIPS



At the time of Innovation

Mobile Money vs Crypto: duel at the summit of digital money in the DRC

In the Democratic Republic of Congo, where access to banks remains limited, mobile money and cryptocurrency are emerging as the new stars of finance. One is a pillar of everyday life, the other a bold bet on the future. Between stability and innovation, which will win over the Congolese? Let's dive into the heart of a monetary revolution..

Emission and regulation: when the chaperone meets the rebel

Mobile Money is the well-behaved child of digital money. Issued by telecommunications companies and regulated by financial

authorities, it inspires confidence. With well-regulated services such as M-Pesa, Airtel Money, Orange Money, and Afrimoney, it has become a key solution for fast payments and transfers.

On the other hand, cryptocurrency plays the rebel without a cause. It is decentralized, often created by anonymous web geniuses, and escapes any central authority. While Bitcoin and Ethereum inspire dreams, their lack of regulation is worrying. The result? Total freedom, but also an open door to scams and fraud.

Technology: simplicity versus sophistication

Mobile Money is based on centralised technology and is accessible even via a simple touch-tone telephone. In the DRC, where Internet access is still limited, this simplicity is a powerful argument.

Crypto, on the other hand, is based on blockchain, a complex but revolutionary technology. Each transaction is secure, immutable and verified by a network of nodes. But to access it, you need a digital wallet and a reliable Internet connection, a challenge in some remote areas of the country.

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Daniel Bumba calls on Kinshasa residents to ban litter in public spaces

The Head of State's desire to make Congolese cities cleaner and healthier, as outlined in his 2024-2028 program, remains at the heart of the provincial executive's actions. This was reiterated on Sunday by the governor of the city of Kinshasa, Daniel Bumba, who called on the people of Kinshasa to stop dumping their waste in public spaces.

Supported by the Embassy of the United Arab Emirates and several private companies, City Hall has officially launched the 2025 Community Environmental Initiative, which aims to contribute to the beautification of the capital. This operation includes the reorganization of

sidewalks, the installation of new street lighting, and the regulation of outdoor advertising.

The governor specified that the municipality of Gombe will serve as a pilot phase. This municipality, he said, is not only an administrative, financial, and diplomatic area, but also a tourist destination.

To symbolically mark the launch of this campaign, Daniel Bumba broke ground on Avenue des Ambassadeurs in the presence of institutional and private partners. A group of students from Arab schools in Kinshasa also took part in the ceremony. These young people were given the task of relaying the message of a return to normalcy and respect for public

spaces in their respective communities.

The governor also urged economic operators to support this initiative because, in his view, the beautification of Kinshasa is a collective responsibility. Daniel Bumba announced that a moratorium will soon be granted, in collaboration with the Federation of Enterprises of Congo (FEC), to companies operating in the outdoor advertising sector, in order to put an end to visual pollution and reorganize this area.

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

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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:

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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.

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