

# SCIENCES & TECHNOLOGICAL INNOVATIONS BULLETIN



NATIONAL SCIENTIFIC COUNCIL

## Felix TSHISEKEDI closes the Congolese Scientific Genius Forum 2024

Chancellery of National Orders  
honors CSGF innovators

Judith SUMINWA opens the  
Congolese Scientific Genius Forum  
2024.

50 winners rewarded at CSGF:  
Gilbert KABANDA unveils the results



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# Editorial



Professor Pius MPIANA TSHIMANKINDA  
NSC President,

## Towards a pragmatic commitment to scientific research in the DRC

**T**owards a pragmatic commitment to scientific research in the DRC The Head of State's announcement of an increased budget for scientific research represents a decisive turning point for the future of innovation in the Democratic Republic of Congo (DRC). At the last session of the National Scientific Council(NSC) the president of the NSC insisted on the need to materialize the 3% budget reserved for research, which must no longer remain a mere promise on paper, but become a tangible reality. This exhortation sounds like a call for a radical paradigm shift.

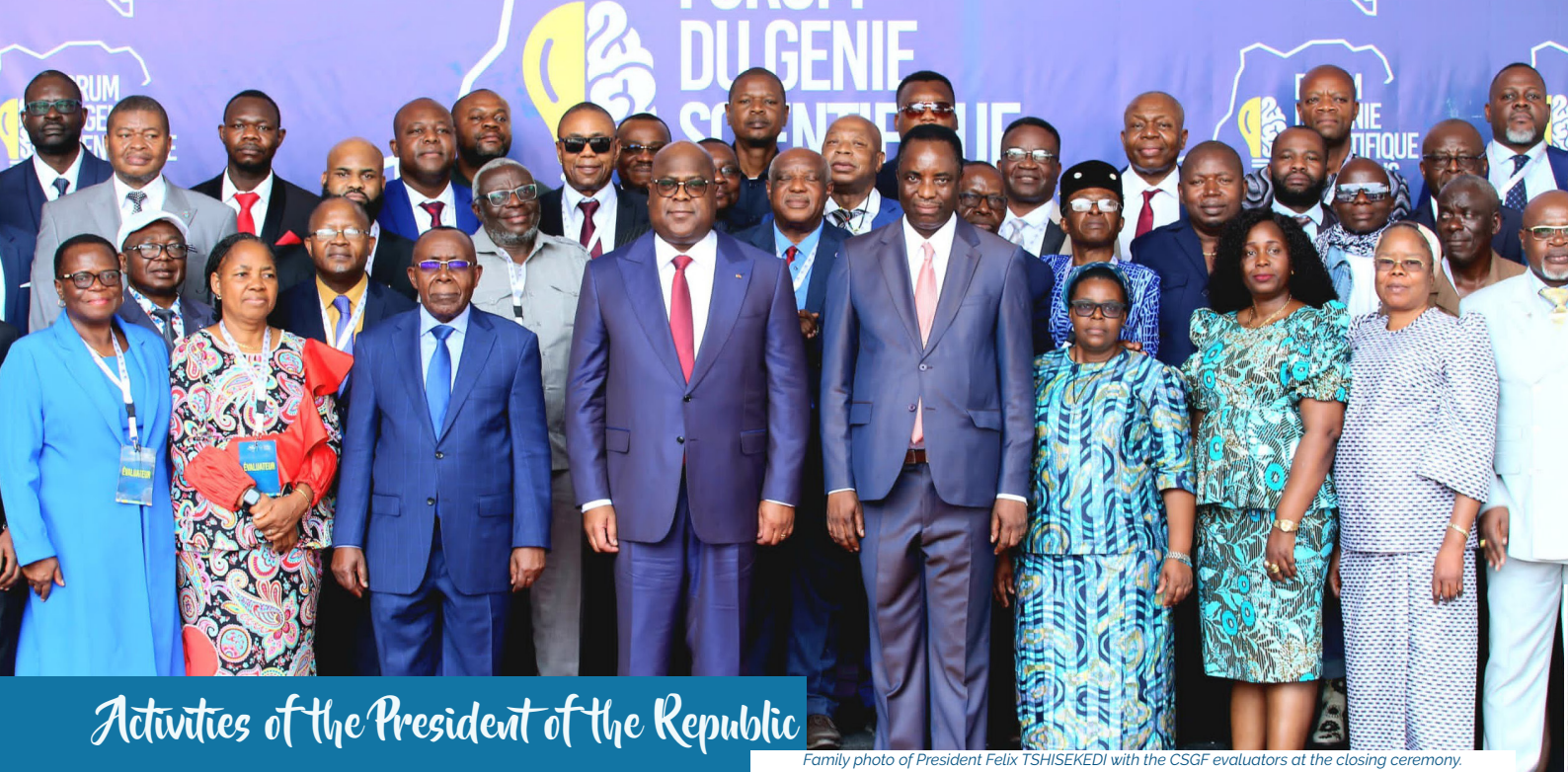
***"It is crucial that all those involved in research, from the government to academic institutions and the private sector, mobilize to make this 3% budget a reality."***

In a country where research challenges are numerous and the need for innovation crucial, it is high time that investment in science goes beyond the stage of intention to become tangible action. The budget increase, the fruit of HEM MSRTI's sustained efforts and the political will of the Head of State, is a first step towards autonomous, high-performance scientific research. However, as HEM MSRTI points out, this budgetary commitment must not be an end in itself. It is essential to institutionalize a sustainable framework to foster the continuity of these efforts. The Minister therefore called for the creation of a Sovereign Scientific Research Fund, which is essential for the long-term financing of innovative projects and capacity-building for Congolese researchers. This fund would provide a real foundation for research, giving it the means to fulfill its ambitions and develop. For his part, the Head of State has clearly demonstrated his determination to move research from

theory to practice. By instructing the government to support scientific research and technological innovation (SRTI), he is demonstrating his firm determination to transform the national scientific landscape. He also urged parliament to swiftly adopt the bill to create the Scientific Research Fund. With these actions, the President of the Republic, Head of State, is sending out a strong signal: research in the DRC will no longer be just talk. From now on, pragmatism will have to guide policies in favor of science. It is therefore crucial that all those involved in research, from the government to academic institutions and the private sector, mobilize to make this 3% budget a reality. This challenge concerns not only funding, but also the implementation of transparent and effective governance to ensure that these funds actually reach priority research projects. Scientific research is a major lever for sustainable development, the fight against endemic diseases, food security and

technological innovation. This editorial is therefore a plea to ensure that this promising momentum does not fall into the trap of the past. It's time to act. The DRC has considerable human and natural potential. With adequate resources and a stronger political will, scientific research in the DRC can become a national priority and play its full part in the country's socio-economic transformation. The path has been mapped out, and it's up to everyone to follow it with determination and pragmatism.





Family photo of President Felix TSHISEKEDI with the CSGF evaluators at the closing ceremony.

## Activities of the President of the Republic

### Felix TSHISEKEDI closes the Congolesse Scientific Genius Forum 2024

**T**he President of the Republic, Félix TSHISEKEDI, closed the second edition of the Congolesse Scientific Genius Forum (FGSC) on August 29, 2024 in the Marquee Hall at the Palais du Peuple in Kinshasa's Lingwala township.

In his speech, the Head of State pledged his support for scientific research and technological innovation in the Democratic Republic of Congo (DRC). DRC Head of State Félix TSHISEKEDI instructed the Minister of Scientific Research and Technological Innovation Gilbert KABANDA to present, as soon as possible, a draft legislative text to the Council of Ministers that will guarantee innovative and adequate funding for Congolese researchers and innovators.

He also urged the government to give greater support to the Ministry of Scientific Research and Technological Innovation, and to envisage more substantial budget allocations for this sector in the future. President Félix TSHISEKEDI also stressed the need to make the most of the forum's recommendations, and to implement them effectively.

The Head of State ensured that research would be supported not only by promises, but also by concrete action. He congratulated Congolese researchers, innovators and inventors on their remarkable achievements and dedication.

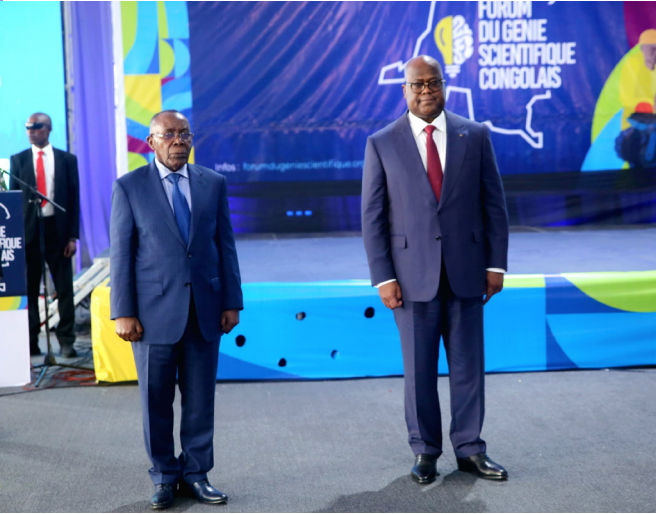


President Felix TSHISEKEDI and SRTI Minister Gilbert KABANDA visit one of the Innovators' stands.



President Felix TSHISEKEDI greeting SRTI Minister Gilbert KABANDA at the closing ceremony of CSGF 2024





President Felix TSHISEKEDI and SRTI Minister Gilbert KABANDA singing the national anthem

The second Congolese Scientific Genius Over 400 projects were submitted, and a jury selected 50 for awards.

The aim of the event was to promote 'Made in Congo' inventions and involve the Congolese scientific elite in the country's development.

**MAZONO MPIA Christian/NSC**



## Chancellery of National Orders honors SCGF innovators

**T**he Chancellery of National Orders awarded medals of merit and patents to innovators, inventors, researchers and evaluators of the 2023 and 2024 Congolese Scientific Genius Forum (CSGF), on August 31, 2024 in the Banquet Hall of the Palais du Peuple.

At the ceremony, the National Order Chancellor emphasized that these medals rewarded the recipients' exceptional commitment to innovation and invention. He also pointed out that the assessors who had contributed to this process had been honored by the Chancellery. In all, 10 gold, 15 silver and 25 bronze medals were awarded. The Minister of Scientific Research and Technological Innovation, Gilbert KABANDA, reaffirmed the importance of this initiative. Professor MPIANA TSHIMAKINDA Pius, President of the National Scientific

Council (NSC), called for greater recognition of innovators, inventors and researchers in the Democratic Republic of Congo. He regretted that, unlike artists and athletes, the latter are often overlooked. The President of the NSC praised the action of Minister Gilbert KABANDA, who has breathed new life into research in the DRC and shown Congolese youth that talent and ingenuity are recognized. According to him, recognition of pioneers in science and technology is essential to inspire future generations. "By awarding these medals, we are sending a strong

message to all creative minds: it is possible, as in other countries, to see one's innovative ideas recognized and valued," he added.

**MAZONO MPIA Christian/NSC**



DRC President Felix Antoine TSHISEKEDI TSHILOMBO

**ADDRESS BY H.E. Felix TSHISEKEDI, PRESIDENT OF THE DRC, AT THE CLOSING OF THE FORUM  
THE CONGOLESE SCIENTIFIC GENIUS AT PALAIS DU PEUPLE KINSHASA AUGUST 29, 2024**

***" Honorable President of the National Assembly, here represented by the  
2nd President,  
Honourable President of the Senate, here represented by the 1st  
Vice-President,  
Honorable Deputies and Senators,  
Ladies and Gentlemen and members of the Government,  
Dear Compatriots,  
Distinguished guests.***

***It is with deep emotion and a sense of national pride that I stand before  
you to mark the closing of this Forum devoted to Congolese Scientific  
Engineering. This event, which has brought together our most bril-  
liant minds, bears witness to the vitality of the Democratic Republic's  
immense potential in the field of science and innovation.***

***Information reaching us on this day of reflection and exchange bore  
witness to the inexpressible intellectual strength of our researchers, in-  
ventors and innovators, who demonstrated that scientific and technologi-  
cal development is no longer a distant dream but a reality on the bangs  
for our Nation.***

***On behalf of the Congolese people, I would like to offer you my warmest congrat-  
ulations and deepest gratitude for your dedication and sacrifice.  
The development of Scientific Research and Technological Innovation is the foun-  
dation on which all social and economic progress rests.***



*This is why I am reaffirming today my unwavering commitment to supporting Scientific Research and Technological Innovation.*

*Through the Minister of Scientific Research and Technological Innovation, I will ensure that this vital sector is supported not only by words, but also by concrete action.*

*To this end, it seems more than necessary to envisage the creation of an inter-ministerial coordination structure whose mission will be to ensure the effective implementation of research and innovation policy in all areas of national life.*

*With regard to research funding, it is imperative to review and strengthen current mechanisms. I therefore instruct the Minister for Scientific Research and Technological Innovation to present a draft legislative text to the Council of Ministers as soon as possible, to guarantee innovative and adequate funding for our researchers and innovators.*

*I also urge the Government to provide substantial support for Scientific Research and Technological Innovation, and to consider more ambitious allocations for this sector in future years.*

*It is also essential that the prototype inventions and innovations presented and selected at this forum are widely promoted and genuinely supported by the government.*

*To all you researchers, inventors and innovators, I'd like to say that you hold in your hands the keys to our nation's future. Your work, your discoveries and your innovations are the light that will guide our country towards a prosperous and radiant future.*

*Don't stop pushing your limits. The success of made in DRC also depends on scientific prowess. Know that you have my support and that of all the Congolese people.*

*Together, let's build a Democratic Republic of Congo where science and innovation are at the service of progress and well-being for all.*

*I hereby declare the proceedings of the National Scientific Engineering Forum closed.*

*Long live the Democratic Republic of Congo.*

*May God bless its people.*

*Thank you all. "*



## Gouvernement Activities

Family photo of Prime Minister Judith SUMINWA with SRTI Minister Gilbert KABANDA and all CSGF 2024 evaluators

# Judith SUMINWA opens the Congolese Scientific Genius Forum 2024

**P**rim Minister Judith SUMINWA officially launched the opening ceremony of the Congolese Scientific Genius Forum, second edition 2024, on August 26, 2024 at the Palais du Peuple in front of researchers, inventors, innovators and scientists.

In his speech, Gilbert KABANDA KURHENGA, Minister of Scientific Research and Technological Innovation, called for the creation and organization of a Sovereign Wealth Fund to support the DRC's scientific and technological development. He pointed out that many successful countries have set up such funds. According to the Minister, the development of the DRC's immense material and human resources, which necessarily involves science and technology, cannot be achieved without dedicated public funding. Professors from universities and institutes of higher learning devoted three weeks to a rigorous selection process. In three days, they scientifically and technologically assessed the innovations and inventions submitted. According to the President of the Scientific Committee and President of the NSC, Professor MPIANA TSHIMANKINDA Pius, the Pre-Forum's objectives were to evaluate the results of the research, inventions and innovations presented, with a view to selecting the best ones to be awarded at the end of the forum. He was delighted that nearly 400



Figure La Première Ministre Judith SUMINWA et le Ministre de la RSIT Gilbert KABANDA lors du lancement du FGSC 2024

research results, innovations and inventions from various fields were evaluated by 92 university professors organized in several juries. The President of the National Scientific Council (NSC) emphasized that the assessments of inventions and innovations were based on several criteria: originality, socio-economic and environmental impact,

job creation, existence of a prototype, reproducibility and possibility of industrialization. During the pre-forum, 172 particularly promising projects were selected, with an average score of 70%. These projects were then subjected to a more in-depth evaluation at the second forum. Of these, 50 were selected for awards. Projects scoring





Prime Minister Judith SUMINWA and SRTI Minister Gilbert KABANDA, accompanied by NSC President Prof MPIANA TSHIMANKINDA, visited the Innovators and Inventors stands.

50% will be directed to the Congolese Scientific Genius Incubator for further development. Finally, the President of the NSC called for effective application of the provision to allocate 3% of the national budget to scientific research and technological innovation.

MAZONO MPIA Christian /NSC

## Opening speech of the Congolese Scientific Genius Forum edition-2024 by Her Excellency Mrs. Judith SUMINWA TULUKA, Prime Minister and Head of Government Monday, August 26, 2024 palais du peuple / Lingwala.



La Première Ministre Madame Judith SUMINWA TULUKA

**Honorable Mr. President of the Senate  
Honorable Mr. President of the National Assembly ;  
Honorable Members of the Senate Board  
Ladies and Gentlemen Vice-Prime Ministers,  
Honorable Senators,  
Honourable Members of Parliament;  
Members of the Government;  
Distinguished Guests in your respective and respected titles and capacities**

*It has pleased the President of the Republic, Head of State, to allow me to open the proceedings of the Congolese Scientific Genius Forum placed under his high and august patronage, so that my presence translates the adherence, beyond the Head of State, of the entire Government of the Republic, and of all the Congolese State institutions represented here, to both an ideal and a conviction that constitute a historic turning point for our country. This ideal, this conviction, consists in building the economic and social emergence of the Democratic Republic of Congo on an essential and universal foundation,*

that of SCIENTIFIC RESEARCH and TECHNOLOGICAL INNOVATION.

My presence, and that of the entire political establishment of our country, in this place and at this time, therefore consists in this confession of faith sung every day in our national anthem, which implies that we, the Congolese people and leaders, cannot “build a country more beautiful than before in peace” without the conscious and determined construction of the solid, dynamic and flourishing foundation of science and technology, from which foundation, as in other nations and peoples, will flow both national prosperity and peace at our borders.

Ladies and Gentlemen, I would like to begin by congratulating the Minister of Scientific Research and Technological Innovation, who has taken on board the instructions and missions given to him last year by the President of the Republic, Head of State.

These instructions concerned: Firstly, the need to identify, evaluate and recommend to the Government for injection into the Congolese economy, meritorious works of Congolese Scientific Genius, of our scientific intelligentsia;

Secondly, on the need to encompass all scientific research, including that carried out by the Institutes and Research Centres under his sectoral Ministry, that carried out by the Universities, Institutes and Research Centres under the Ministry of Higher and University Education, as well as, finally, that carried out by independent researchers and private Institutes and Research Centres, when it is obviously totally or partially subsidized by the Public Treasury.

Third: the need to ensure that every program and action drawn up and undertaken by the Government of the Republic, or by any public service, takes account of the “scientific research” factor in both its conception and execution. Today, we are happy to witness the results of the ongoing fulfillment of the first instruction received from the Head of State. Indeed, this time last year, two hundred and eighty Congolese inventors and innovators, notably from abroad, from the City-Province of Kinshasa and from several provinces of our country, had registered to submit their scientific research results to the Evaluators convened by the Minister of Scientific Research and Technological Innovation. This year, four hundred and sixty Congolese inventors and innovators from three continents have registered to submit their scientific research results to the stern sagacity of the same evaluators.

I can therefore say that, in view of the enthusiasm shown by our scientific elite, who are producing rich and beautiful research results, inventions and innovations in this case, the renaissance of scientific research in our country is no longer in doubt. And we say “bravo” to our Minister of Scientific Research for the progressive and sustained realization of the first mission entrusted to him by the Head of State, as set out in the Government's Action Program.

Without becoming an institutional gendarmerie within the Government, the fact remains that the Ministry of Scientific Research and Technological Innovation should become a focal point of scientific and technological expertise in all areas of national life, and for this reason, sectoral ministries and public services alike should acquire the reflex of soliciting its expertise, i.e. the expertise of Congolese Scientific Genius, which it centralizes for the country.

In this way, Ministries and Public Services that usually turn to foreign Scientific and Technological Genius should henceforth make sure they turn first and foremost to national, indigenous Scientific and Technological Genius, so that national “scientific research and technological innovation” is at the heart of their programs and actions, and is stimulated by all.

Honorable Members of Parliament and Senators, Ladies and Gentlemen of the Government, Distinguished Guests, It is with these words of reminder of the instructions of His Excellency the President of the Republic, which are a challenge to us all, and of the need for their urgent and assiduous implementation, that we will give Congolese



*Scientific Genius the place of honour it deserves, and that we will build, thanks to this national, indigenous Scientific Genius, a country more beautiful than before, in peace.  
Thank you very much!*



## Activities of the Minister of SRT

### Pre-Forum of Congolese Scientific Genius: Gilbert KABANDA mobilizes

**T**he Minister of Scientific Research and Technological Innovation, Dr Gilbert KABANDA KURHENG, mobilized a number of key figures at the second edition of the Pre- National Congo Scientific Genius Forum, held from August 13 to 29, 2024, in the Banquet Hall of the Palais du Peuple.

At this stage, many influential figures visited the Palais du Peuple in Lingwala to witness the enthusiasm generated by the inventors and innovators who presented their creations each day. According to Minister KABANDA, the aim of this new edition is to highlight and support the work of Congolese inventors and innovators, whether from the country or the diaspora. As soon as the pre-Forum was launched, over 300 Congolese

geniuses, researchers, inventors and innovators registered, representing sectors as varied as health, agri-food, digital, energy, defense, the environment and finance. The head of Research estimated that this number could reach five hundred (500) participants by the end of the event. Encouraged by this enthusiasm, Minister KABANDA urged Congolese geniuses not to be intimidated by scientific advances on other continents. He recalled that creativity and intelligence are universal. He asserted that their work could make a significant contribution to the country's development in many fields. The aim of the Pre-Forum was to evaluate the research results, inventions and innovations presented by the country's

sons and daughters present in Kinshasa or outside the city, with a view to selecting the best ones to be presented at the Forum. Nearly 400 research results, innovations and inventions in various fields were evaluated by a team of 92 university professors, organized in several juries of at least four members, online or in person. The jury was interdisciplinary, with at least two members from the specialty of the research result, innovation or invention to be evaluated. Assessments were based on criteria such as the originality of the invention or innovation, its socio-economic and/or environmental impact, its contribution to job creation across the country and to the fight against poverty, the existence of its prototype and the possibility of re-





producing it, as well as its industrialization. During the Pre-Forum, high-value innovations and inventions with an immediate impact were presented to us. 290 projects scored at least 50% points, and 172 stood out with an average of at least 70% points. The latter category was selected for evaluation at the Congolese Scientific Genius Forum. Fifty (50) of the best

projects were selected to receive awards. It's worth pointing out that the projects submitted were so good that the difference between the various scores was a decimal point. All these good projects, which scored at least 50%, will be directed to the Congolese Scientific Genius incubator for further maturation. The prototypes of the selected projects are

on display in the stands, which were open to the public to enable them to appreciate the creative genius of the Congolese and, why not, forge partnerships for the creation of SMEs.

**Communication unit of the Minister of SRTI and Christian MAZONO**



President Felix TSHISEKEDI and SRTI Minister Gilbert KABANDA visiting some of the innovators' stands at the closing ceremony of CSGF 2024.

## Closing of CSGF 2024: Gilbert KABANDA determined to save research

**O**n August 29, 2024, at the closing ceremony of the Congolese Scientific Genius Forum (CSGF), Gilbert KABANDA, Minister of Scientific Research and Technological Innovation, called for its institutionalization by the government, in order to showcase the fruits of scientific and technological production.

I call on the government to institutionalize the scientific engineering forum and provide it with a legal and regulatory framework (...)", he declared. He added that many African countries, less wealthy than the DRC, have this kind of forum. It's time for the country to make up for this delay, which is detrimental to its socio-economic development and

its indispensable scientific and technological diplomacy," insisted the Minister. Gilbert KABANDA thanked the President of the Republic and the central government for having increased his Ministry's budget by more than five times, as well as for the guidance and support provided during this difficult process. The Patron of Research revealed that the



405 researchers, inventors and innovators, supervised by 92 professors, had demonstrated to the Congolese nation and the world the existence of a Congolese intelligentsia to be reckoned with from now on. He pledged his unfailing support and his determination to maintain permanent contact with all of them, within a structured framework that we will be working feverishly to set up and make functional.

The President of the National Scientific Council, Professor MPIANA Pius, expressed his gratitude to Dr Gilbert KABANDA, who had assisted them every day, like a good General with his troops. Well before the closing ceremony, the President of the Republic and Minister Gilbert KABANDA visited the inventor/innovator stands, followed by the presentation of medals to the winners of the Con-

golese Scientific Genius Forum in Kinshasa. Minister Gilbert KABANDA is the initiator of the Congolese Scientific Genius Forum. The first was held in August 2023 in Kinshasa.

**Communication unit of the Minister of SRTI and Christian MAZONO**



Minister of SRTI Gilbert KABANDA KHURENGA

## ADDRESS BY H.E. THE MINISTER FOR SCIENTIFIC RESEARCH AND TECHNOLOGICAL INNOVATION AT THE CLOSE OF THE CONGOLESE SCIENTIFIC GENIUS FORUM AT THE PALAIS DU PEUPLA IN KINSHASA ON AUGUST 29

**“Your Excellency the President of the Republic, Head of State, Honourable President of the National Assembly, Honourable President of the Senate,**  
**Your Excellency the Prime Minister, Head of Government,**  
**Mr First President of the Constitutional Court,**  
**Mister Attorney General of the Constitutional Court,**  
**Mr. First President of the Court of Cassation,**  
**Madam First President of the Conseil d'Etat,**  
**Mr. Attorney General of the Conseil d'Etat,**  
**Mr. President of the Economic and Social Council,**  
**Your Excellency the Governor of the City of Kinshasa,**

Mr. Burgomaster of the Lingwala township, Distinguished guests in your respective and respected capacities, Joy, satisfaction and pride, these are the feelings and reactions that are intertwining in the hearts and minds of the 400 researchers, inventors and innovators supervised by 92 university professors, all Congolese, to offer the Nation and the world the fruits of their scientific and technological research.

Through me, this scientific and technological creame, from Kinshasa, the Republic's distant provinces, Europe and America, pays deferential tribute to His Excellency Antoine Félix TSHISEKEDI TSHILOMBO, President of the Republic, who has honored us with his physical presence at this second meeting of Congolese Scientific Genius, as he did at the first exactly one year ago.

We renew our gratitude to the Honorable KAMERHE, President of the National Assembly, who graciously hosted the proceedings of this forum for almost three weeks.

To Her Excellency Judith SUMINWA TULUKA, Prime Minister, Head of Government, we reiterate our sincere thanks for the guidance and support she has given us throughout the difficult process that has culminated in today's fine outcome. Thank you

very much, Madam Prime Minister.

May their Excellencies the Minister of State for the Budget and the Minister of Finance, who now understand the place that scientific research and technological innovation must occupy in the sharing of the Republic's financial cake, find here the just expression of our gratitude.

To all the authorities present here today, and to all of you who have come here to pay tribute to Congolese scientific genius, we say a heartfelt thank you.

Your Excellency the President of the Republic, Head of State,  
Honourable President of the National Assembly,  
Honourable President of the Senate,

Your Excellency the Prime Minister, Head of Government,  
Mr. First President of the Constitutional Court,  
Mr. Attorney General of the Constitutional Court,  
Mr. First President of the Court of Cassation,  
Madam First President of the State Council,  
Mr. Attorney General of the State Council,

Mr. President of the Economic and Social Council,

Your Excellency the Governor of the City of Kinshasa,

Mr. Burgomaster of the Lingwala township,

Distinguished guests in your respective and respected capacities,  
At the Congolese Scientific Genius Conclave, the first forum of its kind organized exactly one year ago, 260 researchers/inventors/innovators responded to the Minister's call. A year later, at the same time, 405 had registered for the forum. This very significant increase in new candidates for the scientific evaluation of their work sends us a double message:

1°) that the Republic is brimming over with researchers, inventors and innovators in greater numbers than general opinion would have us believe.

2°) the message conveyed by the Conclave of 2023 has convinced the Congolese scientific intelligentsia that the time has come to answer the call of the Fatherland solemnly launched in this very hall. This patriotic call was Yours, Your Excellency the President of the Republic, when, from this very rostrum and on this very date last year, You not only invited the national intelligentsia to take the nation's scientific and technological destiny into their own hands, as legitimate successors to the colonial scientific genius, but also gave them reason to believe and adhere to your call, for You suddenly multiplied the Ministry's budget by 5, to their pleasant surprise, and decreed the injection of 48 prototypes selected at the Conclave into the government program as early as 2024. They couldn't have expected anything better than this double gift to national science and technology from the first of the Congolese people.

Your Excellency the President of the Republic, Head of State,  
Honourable President of the National Assembly,  
Honourable President of the Senate,

Your Excellency the Prime Minister, Head of Government,  
Mr. First President of the Constitutional Court,

Monsieur le Procureur Général près la Cour Constitutionnelle,

Mr. First President of the Court of Cassation,

Madam First President of the State Council,

Mr. Attorney General of the State Council,

Mr. President of the Economic and Social Council,

Your Excellency the Governor of the City of Kinshasa,

Mr. Burgomaster of the Lingwala township,

Distinguished guests in your respective and respected capacities, Never two without three, as the French say. The present forum, which is the second of its kind, calls for a third, a fourth and finally a whole periodic series of scientific and technological exhibitions. This is the good tradition of all nations with creative minds. From now on, our country will have to be one of those States which, at regular intervals, exhibit to the nation and the world the fruits of its scientific and technological production.

The result should be a diplomatic offensive for Congolese science and technology. We must believe in it, because the more than 100 million Congolese have the capacity to do so. This is why, on behalf of all Congolese scientists, researchers and geniuses, your Ministry of Scientific Research and Technological Innovation is calling for the institutionalization of the Congolese Scientific Genius Forum, providing it with a legal and regulatory framework and its own infrastructure that will enable it to bring together, at set intervals, the products of research, invention and technological innovation to showcase to the nation and the world. Many African countries, less wealthy than the DRC, have this kind of fairground institution. It's time for the Nation to make up for this delay, which is detrimental to its socio-economic development and its indispensable scientific and technological diplomacy.

To the researchers, inventors and innovators present here today, and to the professors whose scientific expertise has enabled us to appreciate in a highly significant way the value of the works on display, I express my Ministry's determination to maintain permanent contact with you within a structured framework that we are working feverishly to set up and make functional.

Long live the Democratic Republic of Congo

Long live Congolese Scientific Genius

**Thank you much**





## 50 winners rewarded at CSGF 2024: Gilbert KABANDA reveals results

**G**ilbert KABANDA, Minister of Scientific Research and Innovation, unveiled the list of the 50 winners of the Congolese Scientific Genius Forum (CSGF) 2024 in Kinshasa on August 28, 2024..

After evaluating over 400 projects, a jury of university professors selected the 50 best initiatives, all of which scored above 75%. These projects, the fruit of the ingenuity of Congolese people of all ages, cover a wide spectrum of fields: health, agri-food, digital, energy, defense, environment, and more. They bear witness to a remarkable scientific dynamism in our country.

Here are the winners of this 2024 edition. The titles of their innovations/inventions are shown next to their names.

**République Démocratique du Congo**

**Ministère de La Recherche Scientifique et Innovation Technologique**

**FORUM DU GENIE SCIENTIFIQUE CONGOLAIS 2024**

**1. PRIX SPECIAL DU JURY**

N°	NOMS DU CANDIDAT	TITRE DE L'INNOVATION /INVENTION
1	ATULINDE BAHISI ALBERICK ET ALICE TABOBA	VITATEC
2	KABEYA MUADIAMVITA DAVIO ALAIN	AVION ECOLE
3	SHAMBA BOPE MITTERRAND	BOTINE
4	NTETE FUNSU PAUL	BATON DE TIFIO

**2. PRIX D'ENCOURAGEMENT (AGE)**

N°	NOMS DU CANDIDAT	TITRE DE L'INNOVATION /INVENTION
1	SUNGU LANDU SAMUEL (10 ANS)	PONCLE SUNGU
2	NDIADI YUMA CHRISTIAN (21 ANS)	BOUILLE
3	MUBUALA LUNDU JOSE KELLY (80 ANS)	BENS FLIXIR

**3. LAUREATS RETENUS**

N°	NOMS DU CANDIDAT	TITRE DE L'INNOVATION /INVENTION
1	MASAMBA NKAMA	ROBOT COMMUNICATEUR
2	IDILISA GUMA SABITY	IMPLANTATION D'UN MICRO CENTRAL ELECTRIQUE
3	MA TADI MUKENDI SERGE	CHARBON VERT A VALEUR PARTAGEE
4	ENGOMBE UKULUNGU BLAISE CAMILE	ENGOMBE
5	MAZAMBI KIMWANGA PATIENCE	BLOC AUTOBLOQUANT
6	OMBENI BIGABWA ELIE	GREEN PERFECT
7	NDOMBE YIMBU JEAN PIERRE	MACHINE DEGRAINEUSE
8	BAGULA BAHANDA PROSPER	MY RULE
9	DAVIDI MANGUBU FLORIBERT	NEW FLOMAQUINE
10	FOKA TIAM SOPHONIE	COUVEUSE NEONATALE
11	MBUYA KANKOLONGO	VARIETE DE MAIS
12	ISSA BIN MUTEBA IBRAHIM	MONTAGE ET MODIFICATION DES VEHICULES
13	MUKAWA YINDULA GUERISON	MERCEDES
14	BANINGI BABOTANGA ODILLON	PERMIS DE CONDUIRE DIGITALISE
15	MAMBULA ZUILA	DRONE AUTONOME DE LIVRAISON
		COMPTEUR ELECTRIQUE

16	NDALA NIEMBUE JUNIOR	BEAT-SS SOLUTION
17	NGALULA MBUYA YOWA	LE CUBE EGYPTIEN
18	SITA TAMUSASA NGOLA	NGOLA COSMETIQUE
19	NDOMBI NDOMBASI ZEPHYRIN	NZONGO III COMPACT
20	KINZANZA MUNDUNDU	PRESSE PALMISTE ET OLEAGINEUX
21	OKONGO DISASHI ALINE	RECHERCHE SUR LE VIH
22	MPENEMOKE KANIKI RUSSELL	RUDLESS
23	IBRAHIMU ABEDI KADAFI	SMART LIBOKA
24	KIULA KIMAKENGO	UN PETIT LIVREVALEURS, PRINCIPES ET SYMBOLE DE LA RDC
25	BOMASHI KUSEMBUKA BIENVENUE	BARRAGE ELECTRIQUE
26	SOMPO MPOYO JUSTICE	LASER
27	KABAMBA NTUMBA MATTHIEU	SUR ALERT
28	KALONJI BILOLO TRESOR-DIEUDONNE	VIGILANCE
29	OLEBINE MOSSIBO KEVINE	HAPPY FAMILY YAOURT
30	LEKATA TEBUNGANI	BF MOBILE LAB
31	SOKE ILUNGA GLOIRE	POUBELLE INTELLIGENTE
32	MWABI NGAMA	ENGRAIS-MINERAL
33	BATANGU MPESA DADDY	VANANGOLO
34	KAPANGA MOTOMBO	DICTIONNAIRE PRATIQUE DES ELECTIONS
35	PHOBA MBODO JUJU	FANTO MACHINE-JUJU
36	MUBIALA ROLF	PHAR-RESEAU MEDICAL
37	MENJI MBUYI	GENESIS
38	NGBANZO TATA NDIINGA	ROYAL COMPLEMENT ALIMENTAIRE
39	PALAPA LEFURA MOLIÈRE	PRODUCTION CATHODES
40	BHAYO OMINI PATRICK	MASAPU
41	KALA TSHIBANGU	TRAITEMENT DES MINERAIS
42	NGOY BULAYA EMMANUEL	RECETTE MAS031
43	KABALA DIHUIDI	HEMOTHERA
44	KAYEMBE KAYEMBE LOBO	MEULE HALT
45	KIBALA KATANGA GRACIEN	MAVINPY CARE
46	KIBUKA LUTILA NESTOR	APPAREIL A RETENTISSEMENT
47	NDUNGI KHOTO AUBRY	KASAI MONITOR
48	NKINZI MWELA HENRY-VERNET	MALONGI MA IZAMBU
49	TEODROS HAILMAIAM	E-TRANSMIA
50	MBULUKU EKO VALERIE	INITIATION A L'ELECTRONIQUE AUTOMOBILE

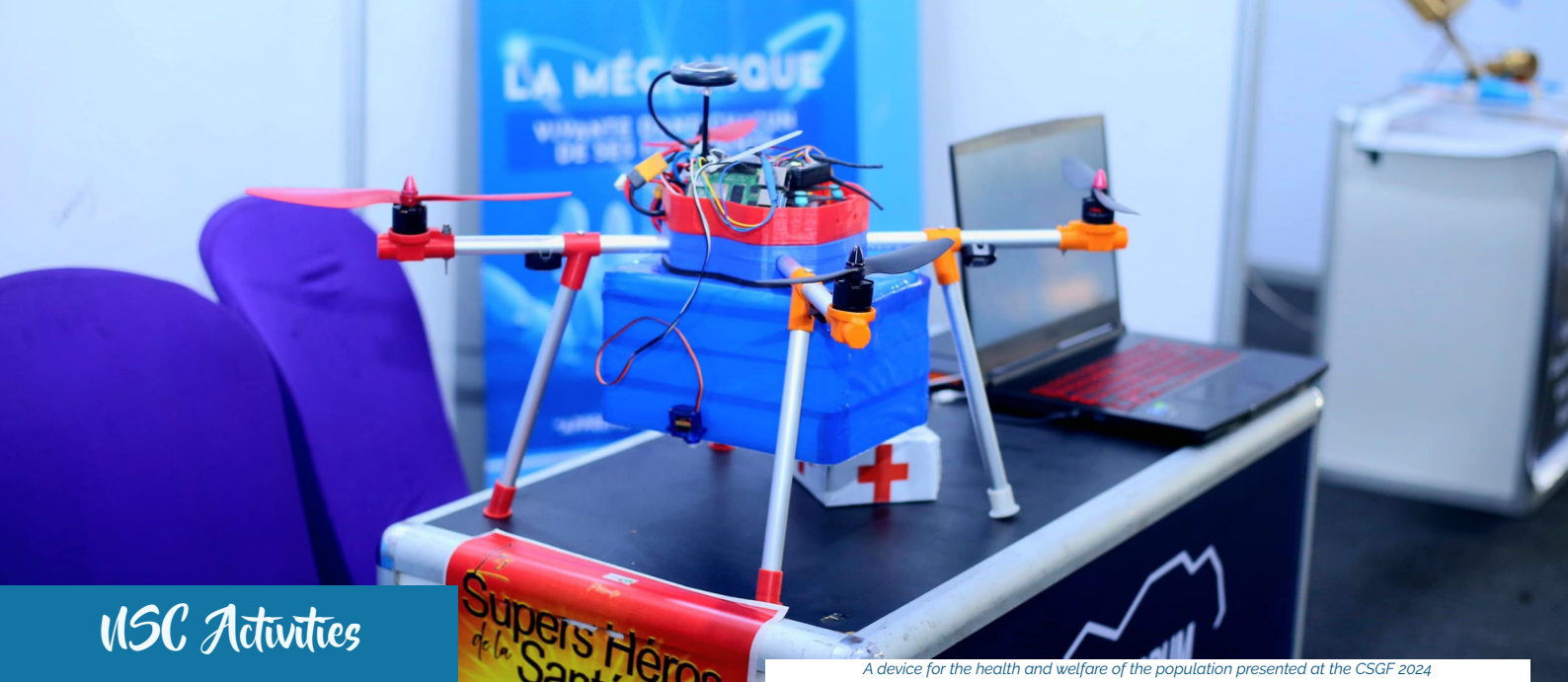
Fait à Kinshasa, le 28 août 2024

Rapporteur  
Prof. NYAKAKONDA GABONGA Benita

Président  
Prof. MPIAMBA TSHIMANKINDA Pius

STIB editorial team





## ISC Activities

A device for the health and welfare of the population presented at the CSGF 2024

# To the discovering the Congolese Scientific Genius Forum 2024

**T**he Congolese Scientific Genius Forum (CSGF) was held from August 16 to 29, 2024 under the big top of the Palais du peuple in Kinshasa. Inaugurated by Prime Minister Judith Suminwa, it was closed with great pomp by the President of the Democratic Republic of Congo, Félix TSHISEKEDI TSHI-LOMBO.

The primary aim of this scientific event was to identify, both nationally and in the diaspora, Congolese inventors and innovators whose research work could contribute to the country's development and improve living conditions for the population. The organization of the Forum was entrusted to a commission set up by ministerial decree. This was structured into four sub-committees (scientific, administrative and financial, logistics, communication) reporting to the Minister of Scientific Research and Technological Innovation. The scientific sub-committee was headed by the President of the National Scientific Council. This sub-committee worked in two separate teams. The first was responsible for evaluating inventions and innovations. The second was tasked with updating the national scientific research policy document, proposing priorities for technological innovation policy in the Democratic Republic of Congo (DRC), and revising Ordinance-Law no. 82/040 of November 5 1982 on the organization of scientific and technological research. The drafting work brought together numerous legal texts and instruments relating to the scientific research and technological



innovation sector, thus facilitating the revision of Ordonnance-Loi n° 82/040. The sub-committee also suggested a new title for the law, an updated explanatory memorandum and a new structure for the bill. In addition, the review of the scientific research policy document highlighted the need to redefine the vision, establish new principles and values, revise the strategic axes and orientations, and integrate priority research areas. The sub-committee not only identified the issues and challenges associated with technological innovation policy, but also proposed strategic orientations. These include the transfer of innovative knowledge to users, support for innovative companies, the implementation of a socio-economy of innovation, the valori-

zation of research results, the strengthening of links with the entrepreneurial world, the prevention and management of innovation-related conflicts, and the synergy between innovation and other processes. At the end of the forum, the Conclave will formulate recommendations that will be presented to the DRC government.

*Jean Luc/MDRC/Bunia*





NSC President Prof. Pius MPIANA TSHIMANKINDA

## Speech by the President of the Scientific Council Prof MPIANA TSHIMANKINDA Pius at the closing ceremony of the Congolese Scientific Genius Forum

*"Your Excellency the President of the Republic Head of State  
(With the expression of my most deferential homage)  
Honourable President of the Senate, here represented  
Honourable President of the National Assembly, here represented  
Excellencies Members of the Government  
Distinguished guests in your respective capacities, with all due respect for protocol*

*It's an honor and a great privilege for me to speak again, this time at the closing ceremony of the Congolese Scientific Genius Forum.*

*After last year's Congolese Scientific Genius Conclave, the second edition of the Congolese Scientific Genius Forum took place from August 13 to 29, 2024 at the Palais du*

*peuple.*

*The main aim of this scientific event was to identify Congolese inventors and innovators with research results useful for the country's development and for improving the socio-economic conditions of the Congolese people, both at home and in the diaspora.*

*The Forum was organized by a commission set up by ministerial decree to prepare and organize the event. This commission was made up of four (4) sub-commissions, coordinated by His Excellency the Minister of Scientific Research and Technological Innovation, Dr Gilbert KABANDA KURHENG. The scientific sub-committee was led by the Chairman of the National Scientific Council.*

*During the pre-Forum period, which lasted 10 days, the evaluators, all university professors, analyzed more than 400 high-value projects and selected 172 projects with at least 70% points. The research, innovation and invention results presented to us show the astonishing ingenuity of*

Congolese of all ages, from the budding 10-year-old genius to the indefatigable and tenacious 83-year-old hardened genius. This genius covers all fields: health, agri-food, digital and computer technology, energy and electrical or electronic technology, defense and security, the environment etc..

What choices were we faced with? What project should we retain and what project should we leave in the face of such an abundance of creative ideas from this small sample of Congolese genius? What if we were to criss-cross the 145 territories of our ingenious country in search of these forgotten, neglected and sometimes even despised geniuses? In any case, university professors, who are often short on points, couldn't hold back in the face of this overflowing ingenuity, and handed out so many top awards, top awards and top awards that, in order to retain the top 50, we had to stop at 75% points. So what are we to make of these quality projects that won't win any awards? Yet their follow-up and implementation would trigger real endogenous development, accelerating the emergence of our rich and beautiful country. Fortunately, under the leadership of our Minister, a researcher himself, who has experienced the lack of support for researchers, a national incubator has been set up to support all these innovative projects.

### *Your Excellency the President of the Republic, Head of State,*

I was tempted to read here, as I did last year, a list of recommendations that the group of evaluators may have made to the government, but I thought it appropriate, on behalf of the national scientific community, to thank you for keeping your word and reducing the research budget from 0.5% to 3% for fiscal year 2024. Doesn't the Bible say in Matthew 25:23, and I quote: "His master said to him, 'Well done, good and faithful servant, you have been faithful in a few things; I will entrust to you many things; enter into the joy of your master'" end of quote.

Unfortunately, these 3% remain virtual; we would have liked to experience them face-to-face in order to show you our loyalty and bring you joy before asking you for more.

Your Excellency the President of the Republic, Head of State,  
(with renewed homage).

*Distinguished guests,*

I would not wish to end these words without thanking all those who have contributed to the success of this Forum. I'm thinking here of the inventors and innovators who, after working in anonymity, have produced prototypes, a small sample of which is on display in the stands. I'm thinking of last year's innovators and inventors who, after waiting a year to receive their awards, will have to wait another two days before receiving their medals from the Chancellery of National Orders this Saturday, as a last-minute setback prevented the medals from being awarded today.

My thanks also go to the assessors, who sometimes worked 10 hours a day to keep the assessments on schedule.

Our gratitude goes to Dr Gilbert KABANDA, who was with us every day, like a good General with his troops, to help us cope with the organizational difficulties, of which there were many.

Thank you to all of you who have come to celebrate Congolese scientific genius with us.

God bless Congolese genius

God bless our beautiful Nation

**Thank you much "**





*At the time of innovation for CS&F*

## Kasai-Monitor: an innovative tool for monitoring the Kasai River

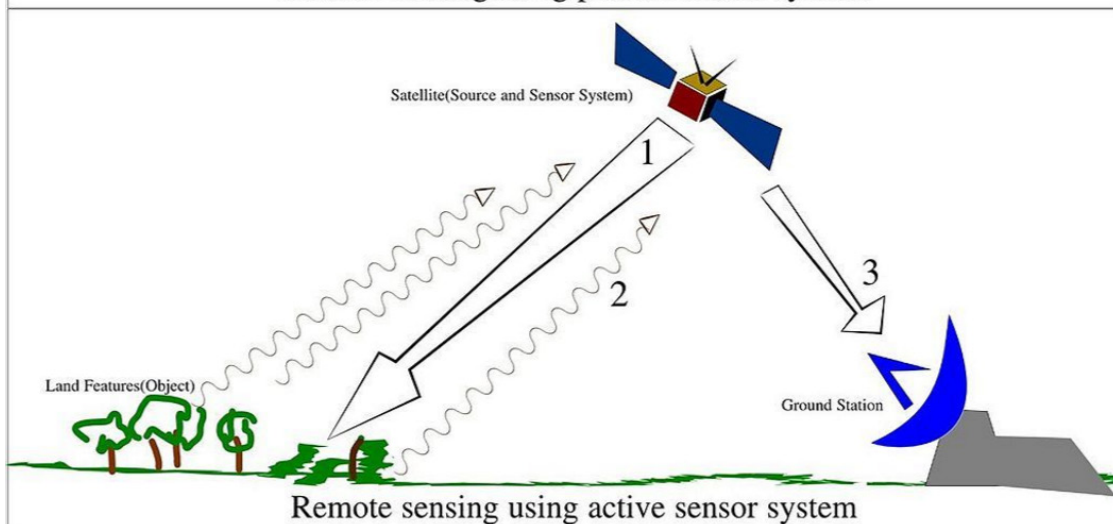
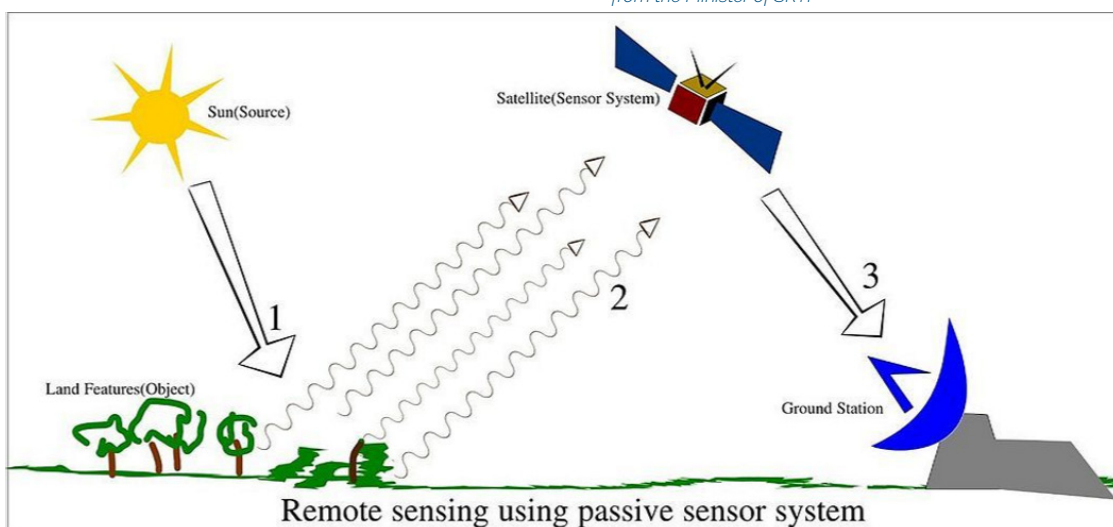


*innovator Ir NDUNGI KHOTO Aubry receiving his certificate of participation from the Minister of SRTI*

**T**he *Kasai-Monitor*, the brainchild of engineer Ir NDUNGI KHOTO Aubry of the National Remote Sensing Center (NRSC), is much more than a simple application. It's a complete digital observation system, designed to monitor the health of the Kasai River in real time. The prototype, developed in the Democratic Republic of Congo, offers both a web and mobile interface, providing a cutting-edge tool for the sustainable management of the country's water resources.

### Key Features and Innovations

Real-time monitoring: Kasai-Monitor continuously monitors crucial physico-chemical parameters such as turbidity, chlorophyll concentration, floating algae and water temperature. Advanced analysis:





Aerial view of the Kasai River

Beyond simple data collection, the system enables the analysis of temporal and spatial trends, providing a global vision of water quality evolution. **Early Warning System:** If defined thresholds are exceeded, an alert system is automatically triggered, enabling rapid intervention in the event of pollution or environmental disaster. **Intuitive user interface:** The application, accessible on both computer and smartphone, offers a fluid and pleasant user experience, facilitating access to information for all.

### **The Power of Data**

The heart of Kasai-Monitor lies in its intelligent use of data. The system integrates : **Satellite data:** High-resolution images from the Sentinel-2 and MODIS satellites can be used to assess water quality over large areas, and identify areas at risk. **Climate data:** CHIRPS and ERA5 data provide valuable informa-

tion on precipitation, temperature and humidity, enabling us to understand the interactions between climate and hydrology.

### **A Tool to Serve Science and Society**

The Kasai-Monitor has multiple applications: **Understanding Ecosystems:** The system contributes to a better understanding of the hydrological and biogeochemical processes that govern the Kasai River. **Adaptation to Climate Change:** By studying the impact of climate change on aquatic ecosystems, the Kasai-Monitor helps to develop effective adaptation strategies. **International collaboration:** Sharing data and knowledge with other international researchers strengthens research into water resource management. **Training future scientists:** The Kasai-Monitor is a valuable educational tool for training students in environmental scienc-

es and engineering.

### **Backstage Technology**

To achieve this, Kasai-Monitor relies on a powerful set of tools: **Google Earth Engine:** This platform processes vast quantities of geospatial data and provides access to free satellite imagery.

**AppSheet:** This low-code tool facilitates the rapid development of customized web and mobile applications.

**Other tools:** Google Drive, Google Sheets, Apps Scripts, Qgis, Open-Street-Maps, Google my maps and Google Earth Pro complete the technological arsenal. **Harmonized Sentinel-2 images:** These satellite imagery data, processed to guarantee optimum quality, are essential for water quality analysis. Kasai-Monitor is much more than just a project. It's a revolution in the way we monitor and manage our water resources. By placing science and technology at the service of the environment, this project contributes to a more sustainable future for the Democratic Republic of Congo. This improved version features a clearer structure, a more precise vocabulary and a more detailed description of the functionalities and technologies used. It also highlights the importance of the project in the wider context of sustainable water resource management and adaptation to climate change.

### **Possible Additional Improvements:**

**Integration of Community Data:** For a more participative approach, it could be interesting to integrate data collected by local communities (visual observations, flow measurements, etc.).

**Development of Personalized Alerts:** Alerts could be customized according to the specific needs of users (farmers, fishermen, local authorities, etc.). **Creation of an Exchange Platform:** An online platform could be developed to facilitate exchanges between researchers, political decision-makers and local communities.

**Jean-Luc BALOGIJE SELENJE**  
MDRC/BUNIA



**The Luawula toilet is a portable sanitary device designed and manufactured in Kinshasa. It consists of a metal box fitted with an interchangeable tank for collecting faeces.**

This innovation responds to an urgent need: to improve hygiene conditions at major events and combat the uncontrolled disposal of excrement, which pollutes the environment and jeopardizes public health.

### Multiple benefits

The Luawula toilet offers many benefits::

- **Environmental protection:** It helps to reduce pollution and prevent the spread of diseases linked to insalubrity.

## La logette électrique intelligente : une innovation congolaise pour l'avenir

**I**n 2020, Congolese engineer **Bebeto NGOY-PELENDE Percidé** invented a computerized, connected electrical cubicle that complies with international standards for the manufacture and use of electrical equipment. His prototype was successfully tested in May 2021 and publicly defended at a defense at the Higher Pedagogical and Technical Institute of Kinshasa (ISPT/Kin) on October 16, 2021. After verification and technical validation at the Ministry of Industry on January 15, 2022, this innovation was granted state protection through a patent.

The electrical cubicle is located between the arrival of an electrical source and the departure for use in the home. The computerized, connected electrical cubicle is a device that protects household appliances from being destroyed by bad voltages. It ensures the continuity of electrical energy in the home when there is a phase failure by automatically changing the phases of the home and the various electrical sources (SNEL, generator, solar), with the advantage of being able to see from any distance when there is power in the home or not, and the possibility of disconnecting electricity throughout the plot, building or business from an Android phone or computer. The computerized, connected electrical logette operates fully automatically, without the need for human intervention. It is designed to be accessible to all, thanks to an intuitive interface compatible with Android smartphones and computers. This innovative technology offers a number of advantages

- **Power supply stability** : It ensures continuity of power supply by automatically changing phases in the event of a power cut, guaranteeing operation of electrical appliances throughout the house or plot..
- **Multi-source management** : Allows you to manage different energy sources, such as the generator and the public power grid, by automatically switching from one source to the other.
- **Remote control and monitoring** : using a



mobile app or web access, you can remotely control your electrical installation, check the status of the power supply and cut or restore the power, wherever you are

- **Appliance protection** : Protects your appliances against power surges and voltage fluctuations, extending their service life.

Thanks to the computerized electrical cubicle, you benefit from a reliable, secure and controlled power supply, for

optimum living comfort.

**BELESI Consort/NSC**

## The Blaise Camile ENGOMBE vehicle is powered by a rechargeable

**T**he Blaise Camile ENGOMBE Ecological Vehicle is a prototype electric car made by the Congolese themselves, using local resources. Its purpose is to :

- Reducing pollution;
- Boost Congolese entrepreneurship by creating automobile factories;;
- Reduce unemployment;
- Make a 100% Congolese brand.

Electric cars are vehicles powered by one or more electric motors supplied by rechargeable batteries. They are considered a cleaner alternative to petrol and diesel cars, as they produce fewer greenhouse gas emissions, thus helping to reduce air pollution and carbon emissions.



The Blaise Camile ENGOMBE ecological vehicle presented at CSGF 2024

Many countries around the world have encouraged the development and adoption of electric cars by offering tax incentives, setting up recharging infrastructures and setting carbon emission reduction targets. Many automotive companies, including start-ups, are also involved in the design and manufacture of electric cars, with the aim of contributing to the transition to more sustainable mobility. Contact for Congo-

lese Innovative Genius

**Blaise camile ENGOMBE : 0906730023**

**MAZONO Christian/NSC**

## Kabeya MUA-DIAMVITA has set himself a target of three years to manufacture an

**T**he second edition of the Congolese Scientific Genius Forum, held in the Democratic Republic of the Congo, saw innovative projects more obvious than ever. There were several innovations, including one announcing the creation of an airplane made in Congo.

This is the project of Mr. Alain Kabeya MUADIAMVITA, who has given himself three years to launch his aircraft man-



ufacturing plant in Congo-Kinshasa. This professional pilot presented his prototype at the end of the scientific genius forum held in Congo-Kinshasa. Without going into detail about the project presented at the forum, Alain Kabeya points out that the aircraft will be made from composite materials, including aluminum. "It's a colossal challenge. We need three years to get a machine of this nature off the ground for the first time here

in the DRC. The plan is for the aircraft to be made of composite materials, aluminium of course, and other minerals will also be used," he remarked. He reassured us that this is indeed a highly refined technology, in vogue for over a year in Euro. This Congolese genius of civil aviation reassured us that this is indeed a highly refined technology, in vogue for over a year in Europe. It should be noted that Kabeya MUA-



DIAMVITA is not a newcomer. They have already set up the Gers, a carbon-free aircraft and pilot training facility. David Alain Kabeya MUADIAMVITA and his wife France have launched a fundraising campaign on the Tudigo platform. The fund-raising campaign, launched a few years ago in Europe, aims to create an ecologi-

cal aircraft dedicated to pilot training. Based at Auch airport, Dak-Mekatronic-Aerospace, a company owned by Alain Kabeya and his wife France, was aiming to create a low-carbon aircraft for professional pilot training. The couple have now taken the next step in the realization of their project. Their organization has launched a

fund-raising campaign, produced its first model and is preparing to market an initiation cabin..

ASUKA/NSC

## Photo report on the presentation of medals and certificates to the winners and evaluators of the CSGF 2023 and 2024.







*H.E. Gilbert KABANDA delivering his speech at the medal ceremony*



*H.E. Gilbert KABANDA receives a trophy for organizing the Congolese Scientific Genius Forum.*





Some Forum 2023 winners present at the medal ceremony on August 31, 2024



Some Forum 2023 winners present at the medal ceremony on August 31, 2024



The Chancellor of the National Orders reading the ordinance before the presentation of the medals



The National Order Chancellor decorating an innovator



HE Gilbert KABANDA salutes an CSGF Edition 2023 gold medal-winning innovator





Family photo with some of the 2023 winners



H.E. Gilbert KABANDA presenting the certificate to GS/SRTI NDAMBU Odon



The President of the National Scientific Council, Prof. Pius MPIANA TSHIMANKINDA, speaking at the presentation of medals to the laureates.



Family photo with some of the 2023 winners



Family photo of SEM Gilbert KABANDA with some CSGF 2024 evaluators



HEM Gilbert KABANDA receiving a gift from an H.E. Gilbert KABANDA surrounded by members CSGF 2024 innovator



of his Cabinet



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

<p><b>RIHS (Research Institute in Health Science)</b></p> <p>Objective: To improve the state of health of the population through research in the following fields: pharmaceutical, medical, anthropological, psychological or socio-cultural.</p> <p>Address: 9, Av. Lukusa C/Gombe; E-mail: dnyembo@gmail.com; Tel: 0824580211</p>	<p><b>SSRC (Social Science Research Center / Bandunduville)</b></p> <p>Objective: to carry out practical scientific research into major socio-economic and cultural issues.</p> <p>To promote sustainable aquatic development.</p> <p>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></p> <p>Objectif: Mettre au point des matériaux, des appareils, des méthodes ou procédés</p> <p>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.</p> <p>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></p> <p>Objective: Scientific research on plants, aquatic species and animal species.</p> <p>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></p> <p>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.</p> <p>Address: 33, Av. comité urbain C/ Gombe; E-mail: mingashang@yahoo.fr; Tel: 0819377821</p>	<p><b>NDRC (Nutritional Diseases Research Center/Gemena)</b></p> <p>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.</p> <p>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></p> <p>Objective: To carry out research in the field of mathematics teaching with a view to improving quality.</p> <p>Address: 84, Av. des Ambassadeurs C/ Gombe; E-mail: mabelamatendorostin@gmail.com; Tel: 0815031877</p>	<p><b>NSRC (Natural Sciences Research Center /Lwiro)</b></p> <p>Objective: To carry out, promote and coordinate research in the fields of science, technology and industry throughout the DRC.</p> <p>Address: LWIRO LWIRO , TERRITORY OF KABARE/SUD KIVU; E-mail: robert.kasisi@umontreal.com; Tel: 0996806699.</p>
<p><b>GRC (Geophysical Research Center)</b></p> <p>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.</p> <p>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></p> <p>Objective: To carry out operational research in the north-east of the DRC in the fields of applied linguistics, African cultures and applied sciences.</p> <p>Study of nature, fauna, flora and protection of endangered species.</p> <p>Address: BUNIA/ITURI; E-mail: Kermwathomas@gmail.com; Tel: 0997717070</p>
<p><b>AIPS (African Institute of Prospective Studies)</b></p> <p>Objective: To carry out forward-looking studies in order to propose solutions to crises and problems linked to the evolution of African societies.</p> <p>Address: Av. Cardinal Malula, C/ Lemba; E-mail: mgrtarcibangu@yahoo.fr; Tel: 0996658741</p>	<p><b>HRC (Hydrobiology Research Center in Uvira)</b></p> <p>Objective: To program, coordinate and monitor research activities in hydrobiology, limnology and hydrology.</p> <p>hydrobiology, limnology and fisheries in all ecosystems.</p> <p>Address: 115, AV. du Congo, Q/Kimanga, C/Kalundu, UVIRA / SUD KIVU; E-mail: bida-kamuhoza@gmail.com; Tel: 0997716307.</p>
<p><b>MDRC (Multidisciplinary Development Research Center/Matadi)</b></p> <p>Objective: To carry out operational research in central Congo in the field of applied linguistics of African cultures and applied sciences</p> <p>Address: Hôtel de la porte Matadi; E-mail: Mwanzanicolas5@gmail.com; Tel: 0815037949</p>	<p><b>CoE/CBRNEC (Chemical, Biological, Radiological and Nuclear Excellence Center)</b></p> <p>Objective: To contribute to the mitigation of chemical, biological, radiological and nuclear risks.</p> <p>Address: 106, Blvd du 30 Juin, C/Gombe; E-mail: Odette.kabena@gmail.com; Tel: 0816904370.</p>
<p><b>NCPIR (National Committee for the Protection of ionizing Radiation)</b></p> <p>Objective: - Regulatory authority for protection against the dangers of ionizing radiation in the DRC management of radioactive sources of radioactive materials such as uranium.</p> <p>Address: 4675, Av. Colonel Ebeya, Immeuble Quitus 2ème niveau; Email: Flory1963@gmail.com; Tel: 0816684665</p>	<p><b>GVO (Goma Volcanological Observatory)</b></p> <p>Objective: Prevention of volcanic risks by monitoring volcanoes and Lake Kivu.</p> <p>Kivu; Management of natural risks; scientific research.</p> <p>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></p> <p>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.</p> <p>Address: UNIKIN building; E-mail: Steve.muanza.kamunga@gmail.com; Tel: 0808643248</p>	<p><b>WERC (Water and Environment Research Center)</b></p> <p>Objective: To serve as a training and research center focusing on water and environmental management.</p> <p>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.</p> <p>Address: 44, Comité Urbain C/ GOMBE; E-mail: ngelipatience@gmail.com; Tel: 0818105625.</p>
<p><b>CGI (Congo Geographic Institute)</b></p> <p>Objective: Production of the base map of the DRC at a scale of 1/50,000 and its derivatives.</p> <p>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></p> <p>Objective: To carry out studies and research in the field of ruminant and pig breeding</p> <p>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></p> <p>Objective: To carry out studies and analyses to improve knowledge of the soil and subsoil of the national territory.</p> <p>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></p> <p>Objective: Research in remote sensing.</p> <p>Address: PLACE ROYAL IMMEUBLE PLACE ROYAL IMMEUBLE KASAI; E-mail: davidngindub@gmail.com; Tel: 0815103502.</p>
<p><b>NIASR (National Institute for Agronomic Study and Research)</b></p> <p>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.</p> <p>To disseminate new varieties. Give the emerging technical department its reason for being, with a view to producing basic and pre-basic seed.</p> <p>Resume publication of the agricultural magazine to disseminate research results.</p> <p>Address: 13, Av. des Cliniques, BP :2037 KINSHASA , C/Gombe; E-mail: domikankonde@yahoo.fr; Tel: 0818248620</p>	<p><b>NCROS (National Center for Research in Oral Science)</b></p> <p>Objective: To carry out studies and research in the field of oral health.</p> <p>Address: 13, 10ème Rue, Industriel Quarter, C/Limete; E-mail: Cnrsbd.rdc@gmail.com; Tel: 0822244152; 0811835159; 0840922982</p>
<p><b>RCALC (Research Center into African Language and Culture)</b></p> <p>Objective: To coordinate and carry out all research projects concerning African languages and cultures.</p> <p>Address: 53 C, Av. Makiso, blvd du 30 juin, Kisangani/ Tshopo. Tel: 0851934320</p>	<p><b>CAS (Congolèse Academy of Sciences)</b></p> <p>Objective: Promotion and dissemination of science, technology, arts and letters. Support for inventive initiatives.</p> <p>Address: Sciences Faculty/ UNIKIN local 28; E-mail: jlmuyembet@gmail.com; Tel: 0813330242</p>
<p><b>AFRC (Agro-Food Research Centre/Lubumbashi)</b></p> <p>Objective: To identify processes for processing and preserving basic local agricultural products.</p> <p>To improve the quality of imported or locally produced foodstuffs by applying approved standards and quality control.</p> <p>Help the technological development of the existing agro-industry by providing them with technical assistance wherever possible.</p> <p>Address: 1, Av. Président ILEO, Q/CRAA, C/Lubumbashi; E-mail: Julesnkulu@gmail.com; Tel: 0997131002</p>	<p><b>MIPRC (Matadi Interdisciplinary Pedagogical Research Center)</b></p> <p>Objective:--Information science.</p> <p>Address: The buildings of the Matadi Higher Pedagogical Institute; Tel: 0896501462</p>





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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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