



Contribution of partnership with Northern institutions to CSRS leadership in South-South collaboration: What's next?

Edi Constant

29-10-22

HEAD OF CSRS EXPERTISE, TRAINING AND PARTNERSHIP



www.csrs.ch

Swiss Center for Scientific Research



1. **Created in 1951 as a platform for facilitate implementation of research activities for Swiss and European researchers**
2. Became a Research Center in 2001 with a Diplomatic status under the Ministry of Research from Cote d'Ivoire and Secretary of State for Training, Research and Innovation in Switzerland
3. **CSRS has now a regional mandate to promote implementation of high quality of research activities including training of African researchers**
4. With what has been achieved so far, CSRS is now recognized as a center of Excellence in the African region



Vision & Mission



Vision

CSRS is a reference institution for research and training to research, an efficient platform for regional and international partnership generating evidences for science.

Mission

To Generate credible evidences and resources for science and development and used CSRS for individual and institutional capacity building in Africa and elsewhere.

CSRS' Research Groups

CSRS
Centre Suisse de Recherches
Scientifiques en Côte d'Ivoire



- Conservation and Valorization of Natural Resources
- Food Security and Nutrition
- Environment and Health
- Governance, Societies and Economic Development

Partenariats

A Guide for Transboundary Research Partnerships

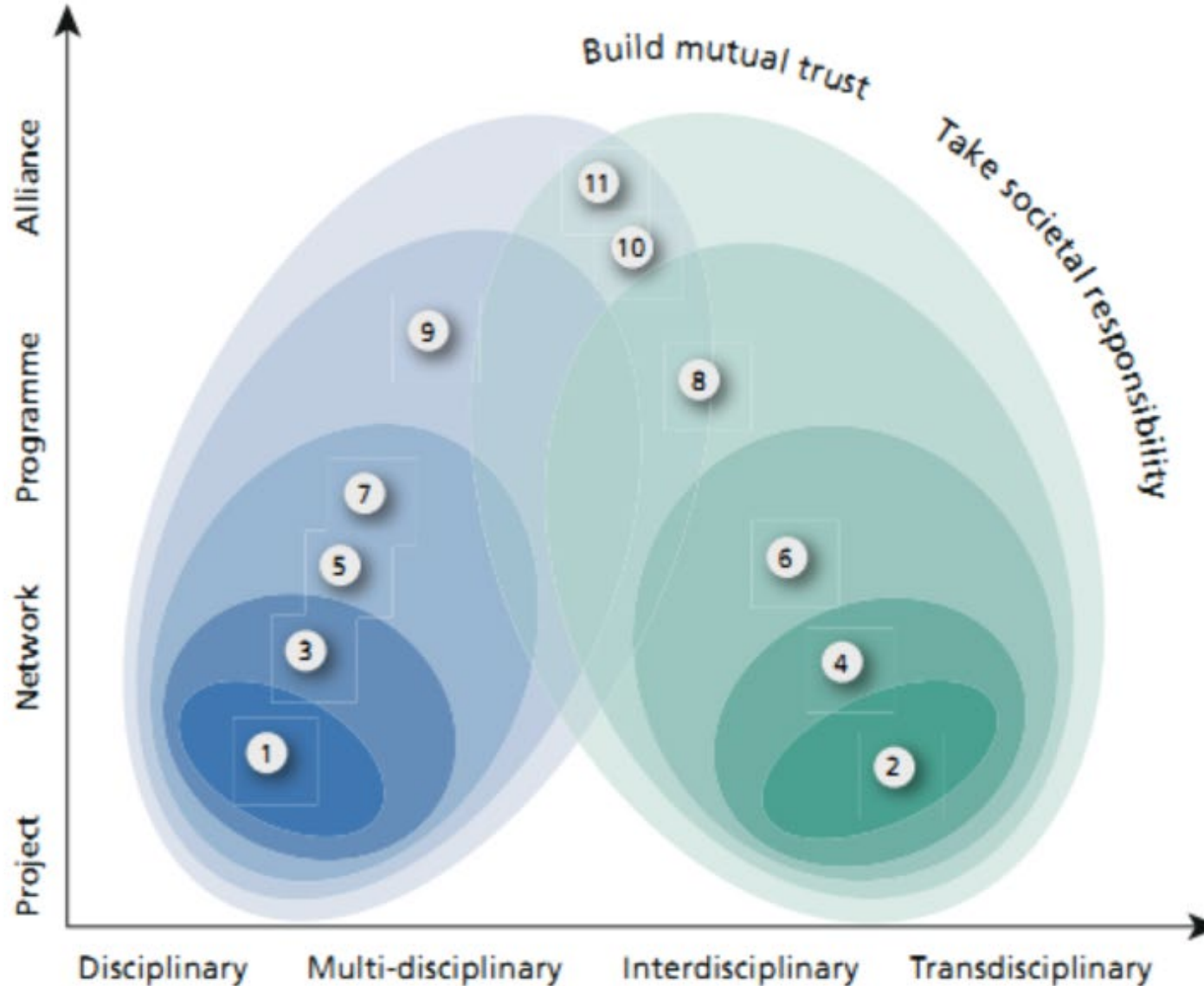
11 Principles

Swiss Commission for Research Partnerships
with Developing Countries (KFPE)

sc|nat

Swiss Academy of Sciences
Akademie der Naturwissenschaften
Accademia di scienze naturali
Académie des sciences naturelles

[https://naturalsciences.ch/
organisations/kfpe/11_prin
ciples_7_questions](https://naturalsciences.ch/organisations/kfpe/11_principles_7_questions)



1. Set the agenda together
2. Interact with stakeholders
3. Clarify responsibilities
4. Account to beneficiaries
5. Promote mutual learning
6. Enhance capacities
7. Share data and networks
8. Disseminate results
9. Pool profits and merits
10. Apply results
11. Secure outcomes

Key CSRS Institutional components



1. Foundation of CSRS

2. Executive BOARD (Conseil d'Administration: meet twice a year)

- MESRS (Côte d'Ivoire)
- SEFRI (Suisse)

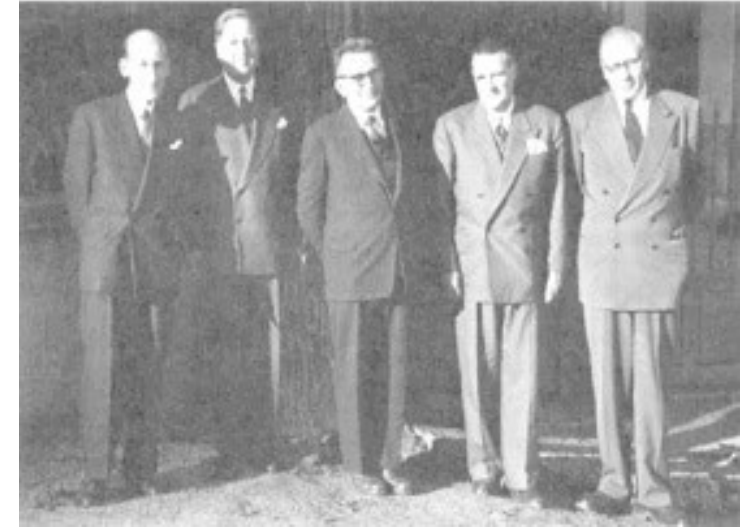
3. Scientific Committee (meet each semester)

- Members from Côte d'Ivoire
- Members from Switzerland & West Africa institution

4. Institutional Ethic Committee

5. Directorate

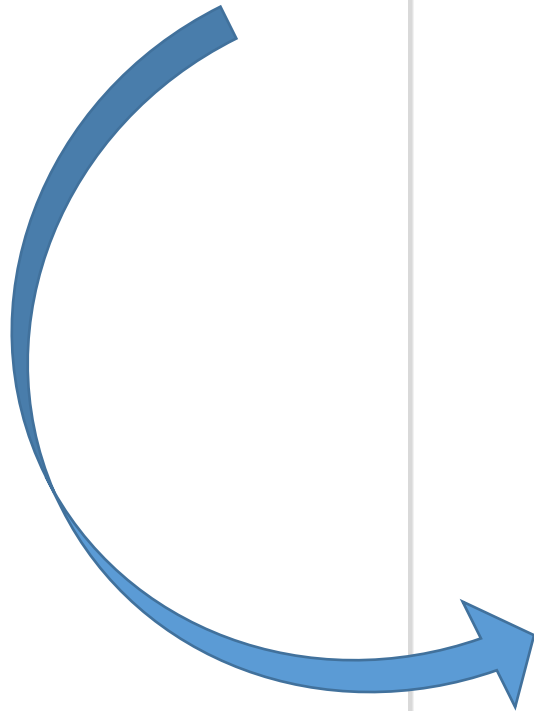
- Direction of Research and Development
- Direction of Resources and Valorisation
- Direction of Finance and Administration



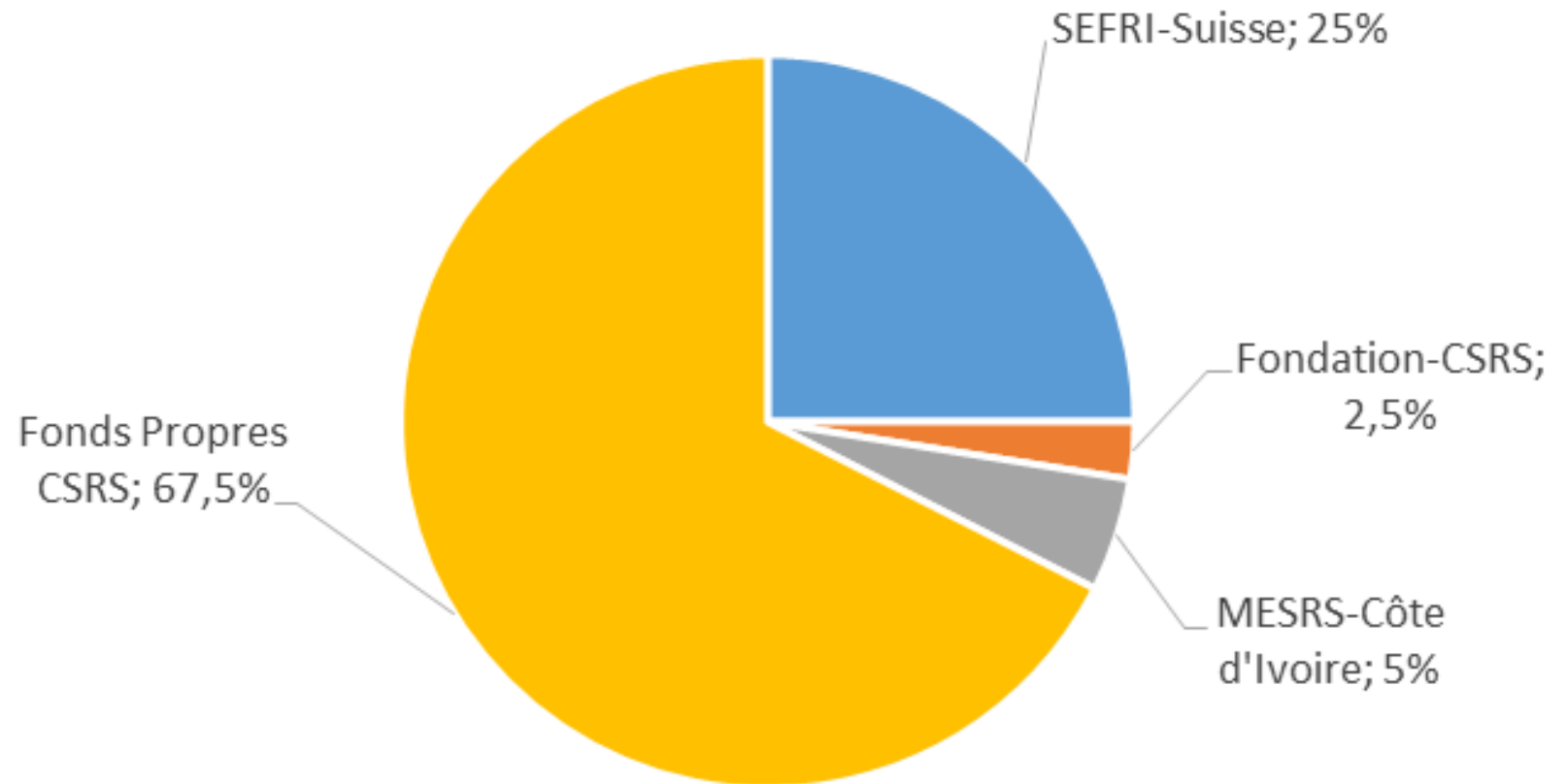
Ressources financières



Productive Partnership is a key of our strategies and survival



Contributions au Core funding du CSRS





- **To reach such level, CSRS has worked hard to diversify his partners via grants obtained via competing calls**
 - ✓ Bill and Melinda Gates Foundation
 - ✓ EDCTP
 - ✓ European Commission
 - ✓ Wellcome Trust
 - ✓ **Innovative Vector Control Consortium (IVCC)**
 - ✓ NESTLE
 - ✓ USAID
 - ✓ Leprosy Research Initiative
 - ✓ DNDi
 - ✓ Other (UICN, African Academy of Science, Total Energies, BAYER, SYNGENTA, Novartis, Vestergaard...)
- **Publications record in Peer-reviewed international Journal > 100 annually**
- Good Financial Grant Practices: Gold level
- **Good Laboratory Practices**

CSRS STRENGTHS



Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Secrétariat d'Etat à la formation, à la recherche
et à l'innovation SEFRI

Ministère de l'Enseignement
Supérieur et de la
Recherche Scientifique



académies suisses
des sciences

scnat
akademie der naturwissenschaften
académie des sciences naturelles
swiss academy of sciences
accademia di scienze naturali

Swiss TPH
Swiss Tropical and Public Health Institute

AGROSCOPE

Direction du développement
et de la coopération DDC

INSTITUT NATIONAL
D'HYGIENE PUBLIQUE



FONDATION
POUR LE CSRS

AFD
AGENCE FRANÇAISE
DE DÉVELOPPEMENT



Conservatoire
et Jardin
botaniques
Genève



VolkswagenStiftung

DNDi
Drugs for Neglected Diseases Initiative

IRD
Institut de Recherche
pour le Développement
FRANCE

cirad



Gavi
The Vaccine Alliance

BILL & MELINDA
GATES
foundation

Leibniz
Universität
Hannover

giz
Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



FONDS FRANÇAIS POUR
L'ENVIRONNEMENT MONDIAL



fondation
BOTNAR

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

WFN
WHITLEY
FUND FOR NATURE



AHT GROUP
Management & Engineering

Fonds de recherche
sur la nature
et les technologies
Québec



Australian Government
Australian Centre for
International Agricultural Research

aqua+
SPRINKLERSYSTEMEN

Organisation
mondiale de la Santé

Alexander von Humboldt
Stiftung / Foundation



North
South
National Centre
for International
Research
Partnerships
for Sustainable
Development

IVCC
COMBATING INSECT
BORNE DISEASE

EPFL



DAAD



RAINFOREST
TRUST



LSTM
LIVERPOOL SCHOOL
OF TROPICAL MEDICINE



Nestlé



UICN | Comité
Français



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

future
for
nature

swiss
peace

Schweizerische Friedensstiftung
Fondation suisse pour la paix
Fondazione svizzera per la pace
Swiss Peace Foundation

h e t s
Haute école de travail social
Genève

UNIVERSITY OF
OXFORD

IFS
INTERNATIONAL
FOUNDATION FOR
SCIENCE

FNS-SNF

FONDS NATIONAL SUISSE
SCHWEIZERISCHER NATIONALFONDS
FONDO NAZIONALE SVIZZERO
SWISS NATIONAL SCIENCE FOUNDATION



PASRES
Programme d'Appui Stratégique
à la Recherche Scientifique

ERAfrica
new knowledge partnerships



U-MAN
Université de Man



UNIKASSEL
VERSITÄT



IDRC | CRDI
International Development Research Centre
Centre de recherches pour le développement international

Gembloux Agro-Bio Tech
Université de Liège

FIND
Because diagnosis matters

MIASA
Mozambique Institute for Advanced Studies in Africa

UNIVERSITÉ DE
RENNES 1

UNIVERSITÉ
DE GENÈVE

U.S. PRESIDENT'S MALARIA INITIATIVE
vectorlink
INTELLIGENT • INNOVATIVE • INTEGRATED

FONSTI
FONDS POUR LA SCIENCE
LA TECHNOLOGIE ET L'INNOVATION



MMV
Medicines for Malaria Venture

INAD.CI
Institut National des Administrateurs de Côte d'Ivoire

GOETHE
UNIVERSITÄT
FRANKFURT AM MAIN

wellcome



THE OHIO STATE
UNIVERSITY



snis

The Rufford
Foundation
www.rufford.org @ruffordgrants



WfriCLP

ficd
FÉDÉRATION INTERJURASSIENNE
DE COOPÉRATION
ET DE DÉVELOPPEMENT

IBREAM
BREAKING NEW HOPE FOR
ENHANCED AFRICAN RESILIENCE



DFG
Deutsche
Forschungsgemeinschaft





Did partnerships with Northern institutions contribute positively to leadership in many Southern institutions in many cases?

□ Answer = YES

However, let think about improvement in way forward, as our world is also changing in structural, finance, governance, etc... including health.

Partnership with IVCC leads CSRS to....



- GLP Accredited
- More than 50 huts for Vector control products testing
- Involvement of Women in VC products testing
- Safeguarding risk evaluation for good performance
- VC products testing/ Evaluation

Key role of CSRS in Côte d'Ivoire



- ❑ Lead of entomological data collection for country surveillance programs
- ❑ Evaluation of Durability of Nets following Mass campaigns
- ❑ Participation of country stratification process for decision making regarding to which intervention to be considered for the upcoming years..
- ❑ Board member of National VC committee for decision
- ❑ Strong involvement in Various vaccine, One Health initiatives, etc.
- ❑ Strong involvement in NTD activities at research, evaluation, control and programs for the country



L'OMS estime que la lutte contre le paludisme va au-delà des interventions médicales et technologiques. « **C'est pourquoi, la lutte doit conduire au développement de stratégies et d'approches globales, multi et intersectorielle avec un engagement manifeste de la société, car le paludisme affecte les ménages et les communautés, et donc ces communautés doivent jouer un rôle actif dans la lutte contre cette maladie** », a dit le Représentant de l'OMS en Côte d'Ivoire.

A travers cette célébration, la Côte d'Ivoire maintient le cap sur son objectif d'éradiquer le paludisme d'ici 2030. **Perçue comme bénigne, parce que trop familière, le paludisme tue chaque jour en Côte d'Ivoire, quatre personnes, dont trois enfants de moins de cinq ans.** Selon le Ministre de la santé, Pierre N'Gou DIMBA, « **le nombre de décès dus au paludisme est passé de 3222 en 2017 à 1316 en 2020. Soit un taux de mortalité en baisse d'environ 50%** ». « **En dépit de cette régression, le paludisme reste un défi majeur de santé publique, car il demeure la première cause des consultations dans les formations sanitaires du pays** ».



SOCIÉTÉ

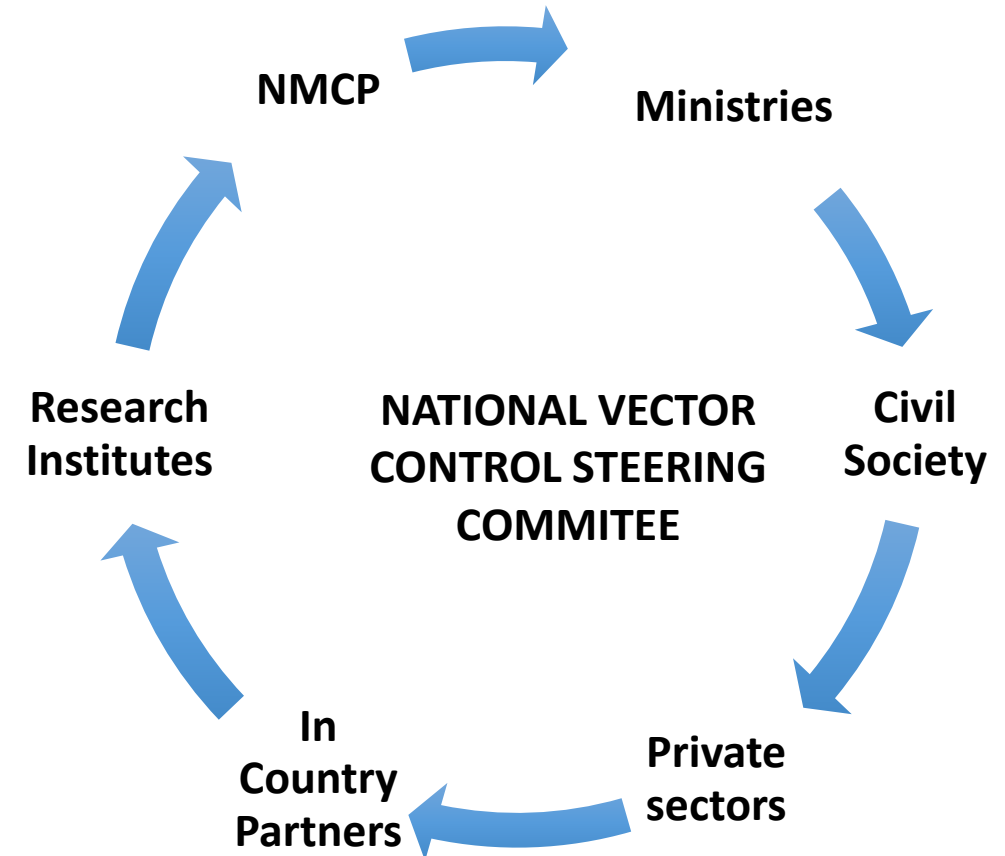
Les populations d'Azito ont marqué leur engagement dans la lutte contre le paludisme. (Ph: Dr)

Prévalence du paludisme en Côte d'Ivoire: Plus de 6700 cas et 11 décès enregistrés au premier trimestre 2023



Par Germain Gabo
Le 25/04/23 à 21:28
modifié 25/04/23 à 21:28

La Côte d'Ivoire a enregistré 3222 décès liés au paludisme sur 3 557 000 cas notifiés en 2017. En 2020, le nombre de décès a chuté à 1316 sur un total de 4 980 000 malades. Les services sanitaires du pays ont enregistré, au premier trimestre de cette année, plus de 6700 cas de paludisme, dont 11 décès causés par cette affection.



Is increasing of middle and high classes in Africa/ Côte d'Ivoire correlate with VBD re-emergence...?



cairn-int.info/artic

The middle classes in Côte d'Ivoire: Contrasting realities

Anne Bekelynck, Jean-Philippe Berrou, Christian Bouquet, Dominique Darbon

IN **AFRIQUE CONTEMPORAINE** Volume 263-264, Issue 3-4, 2017, PAGES 226 TO 229

PREVIOUS

NEXT

FULL-TEXT

The expansion of the middle classes in developing and emerging countries is presented as one of the key phenomena of the beginning of the twenty-first century. In particular, international development actors consider that the middle classes could have a ripple effect, at the socio-economic level, in these countries and beyond. This could lead to an expansion of consumption and markets, support for growth, and a transformation of production systems, etc. Today, this question has become an issue in major scientific controversies. The Côte d'Ivoire case is a good illustration of this.

tion

africanews.



Dengue fever outbreak: One dead, 11 cases recorded in Ivory Coast

By Rédaction Africanews with AFP

Last updated: 04/05/2022



INHP agents fumigate an area to prevent mosquitoes from breeding, June 3, 2019 in Abidjan

- Copyright © africanews SIA KAMBOU/AFP or licensors



A dengue epidemic, a viral disease transmitted by mosquitoes, has broken out since March 22 in Côte d'Ivoire, mainly affecting Abidjan and killing one out of eleven recorded cases, the Ivorian health ministry announced Tuesday.



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Revue d'Épidémiologie et de Santé Publique

Volume 70, Supplement 3, August 2022, Page S146

411 – Situation épidémiologique de la dengue en Côte d'Ivoire de 2017 à 2020

A.K.M.N. Ano¹, D. Coulibaly², V.J. Bénie¹, B.C. Akani¹, A. Douba¹, E.M. Ahoussou¹, N.S. Dagnan¹

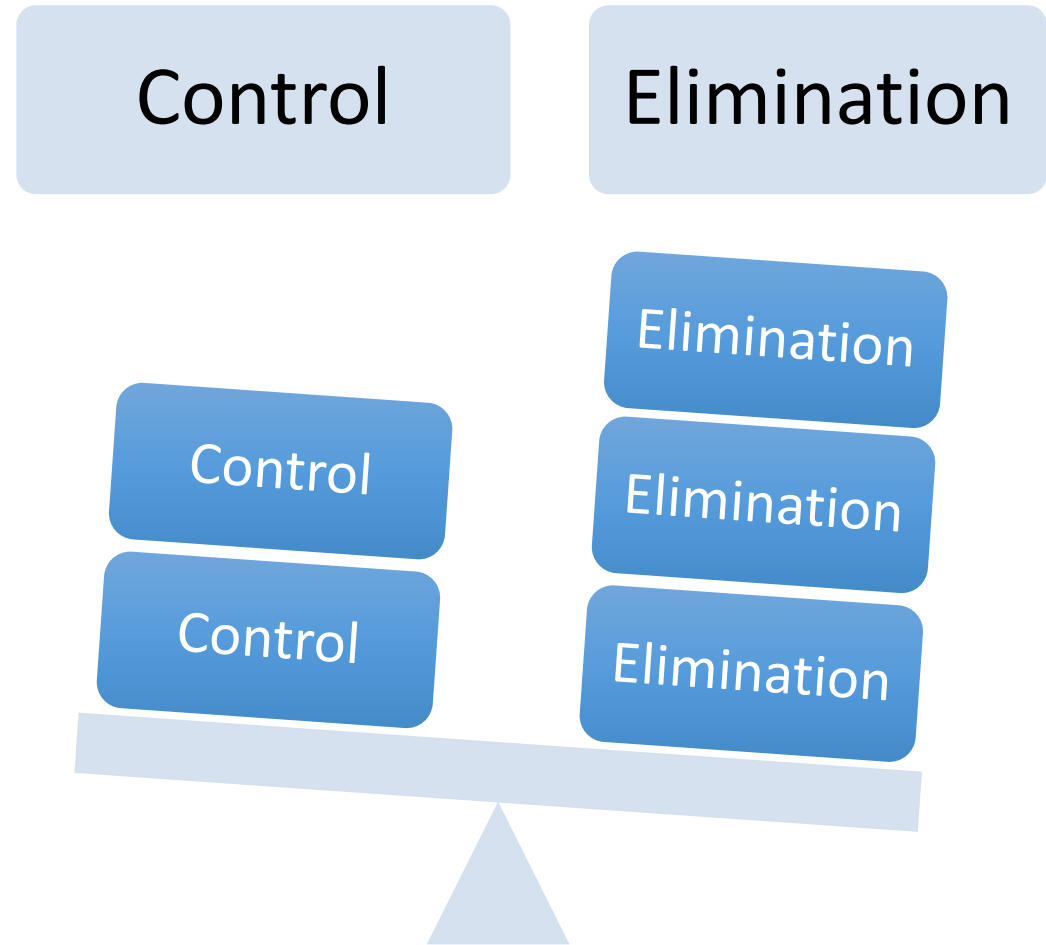
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<https://doi.org/10.1016/j.respe.2022.06.048>

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Partnership for improving use of intervention for elimination perspective to take into account in all settings





- **As you could see, for CSRS it was a very long process. It took us a lot of time to recognize that something should be done**
- That is why we were happy to be Invited by IVCC and the organizers in order to share our thoughts and to explore the innovative partnership actions (North-South & South-South collaborations)

Exemple of Proposition of Actions



	Current	Proposition Partnership actions
1	Southern research and academic not associated to development of the proposals and budget sometimes, or even if done, the budget is not fully shared	Work together on the full proposals since the beginning including budget development. Example of grant got (Call from IVCC to co-application to grant proposal and ANTICOV, COR-NTD MMDP & COR NTD LF Liberia etc...)
2	Northern institutions researchers refuse sometime to pay appropriate salaries to southern partners	Researchers from southern institutions should refuse to be involved in such projects as we should not be considered as data collectors
3	Northern partners are PI for a research project without having an equivalent in the Southern countries where the project is implemented	Southern institution should insist to have a nominated PI in country where the project is scheduled to be implemented
4	Some PI from northern institution did not speak the country language (English, French, Spanish, Portuguese) of the southern country	Northern partner should do an effort to learn the main language of the country where the project is scheduled to be implemented
5	Having PhD student or Postdoc from northern coming to southern countries to collect data	At CSRS this have been resolved and we agreed with our northern partners that each PhD or Postdoc should work equally with a southern PhD or Postdoc recruited in the same project

Exemple of Proposition of Actions (2)



	Current	Proposition of actions
6	Requirement to have a researcher from the Northern institution even if we do not need to do so (SNF, Wellcome Trust in the past, Not anymore)	If a southern institution is required, then funding agencies must take additional steps to ensure collaborations between southern northern institutions are authentic and equitable (DFID).
7	Require or consider publication only from in the big five academic publishers — Elsevier, Sage, Springer Nature, Taylor & Francis, and Wiley. Publications from southern journals are not counted	Work with key African universities to upgrade the recognition of few African journals as a starting point
8	High cost to publish a manuscript in big five academic publishers limiting the ability for southern researchers to publish in such journals without associated northern partners	Sensitized the big five publishers to reduce drastically or exempted researchers from the south to pay the publication fees
9	Lack of consideration for southern researchers publishing in low impact or indexed or local journals	Work for increasing the profile of local or regional journals where high quality of works are published
10	Lack of funds for the Southern collaborator to present the results at international conferences.	In collaborative project, funds should be available to ensure that Southern researchers present the

KEY POINTS TO HIGHLIGHT



CSRS experiences with Collaboration from Northern institutions:

- Leadership in developing the research proposal
- Proposition of budget coming from the South
- Leadership in collecting the data
- Leadership in writing the publications and taking first and senior positions with inputs from Northern partners
- Choice of a new investigation product made by Southern researchers
- Key decisions moving forward are taken with participation and vote of southern partners

CONCLUSION & NEXT STEPS



- Regarding next steps forward, IVCC could transform the outputs of this FORUM into actions/ recommendations
- These actions will then be implemented together with the southern research institutions such as CSRS which has years' of experiences in collaborating with Global partners across the world including Governments, Public-private partners, academia etc...
- Actions which will be defined or identified to effectively boost innovative collaboration and include all settings in decision. This should be put in a timeline and implemented accordingly



THANK YOU FOR YOUR ATTENTION

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