



Activity Report

2023

The International Association of National Public Health Institutes (IANPHI)

–

IANPHI Secretariat Activities
IANPHI U.S. Office Activities

June 2024

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ABBREVIATIONS

Africa CDC	Africa Centers for Disease Control and Prevention
AFD	Agence Française de Développement
ASPHER	Association of Schools of Public Health in the European Region
BMGF	Bill & Melinda Gates Foundation
COVID-19	Coronavirus Disease 2019
COMISCA	Council of Ministers of Health of Central America and the Dominican Republic
CMSA	College of Public Health Medicine of South Africa
CRM	Customer Relationship Management
ECDC	European Centre for Disease Prevention and Control
EMPHNET	Eastern Mediterranean Public Health Network
EPHO/F	Essential public health operations and functions
G7	Group of Seven
GDPR	General Data Protection Regulation
GNAPH	Global Network for Academic Public Health
GOARN	Global Outbreak Alert and Response Network
HIC	High Income Country
IANPHI	International Association of National Public Health Institutes
IDS	Integrated Disease Surveillance
LatAm	IANPHI Latin America Network
LMIC	Low- and Middle-Income Countries
MoU	Memorandum of Understanding
NIHD	National Institute for Health Development, Estonia
FHI	Norwegian Institute of Public Health
NPHI	National Public Health Institute
ORAS-CONHU	Andean Health Integration System
OTCA	Amazon Basin Agreement Organization
PAHO	Pan America Health Organization
PTPR	Peer-to-Peer Review
RIVM	Dutch National Institute for Public Health and the Environment
RKI	Robert Koch Institute, Germany
SARS-CoV-2	Severe acute respiratory syndrome coronavirus 2
SDT	Staged Development Tool
TEPHINET	Training Programs in Epidemiology and Public Health Interventions Network
UKHSA	United Kingdom Health Security Agency
UPHC	Ukrainian Public Health Centre
U.S. CDC	United States Centers for Disease Control and Prevention
WHO	World Health Organization
WHO EURO	World Health Organization Regional Office for Europe

Introduction

In 2021, IANPHI updated its strategic vision for the next five years (2021-2025 – see Annex 1) following the commitment made by the executive board during the 2019 Annual Meeting held in Ethiopia. This 2021-2025 Strategic Vision has been informed by previous IANPHI strategic plans and objectives. For nearly 20 years, IANPHI has ensured continuity and consistency across its unique global network to develop and strengthen NPHIs through exchange of experiences and peerto-peer support.

The action plan for 2022-2023 gave a roadmap to implement the strategy focusing on key initiatives and fundamental platforms and enablers. Key initiatives include national public health institute development and strengthening, thematic committees, regional networks and external partnership programs whilst fundamental platforms and enablers mention sponsorship and fundraising, communications, knowledge portal, fully functional IANPHI Secretariat, focal points group and the annual meeting. Activities in subsequent years will be based on the progress and successes of these two years.

This report intends to inform the IANPHI Membership and partners on the main activities carried out in 2023. It does not reflect fully the support provided by members in developing and strengthening NPHIs and in supporting the implementation of the strategy 2021-2025, even though their expertise remains essential for the implementation of IANPHI-related activities.

Membership

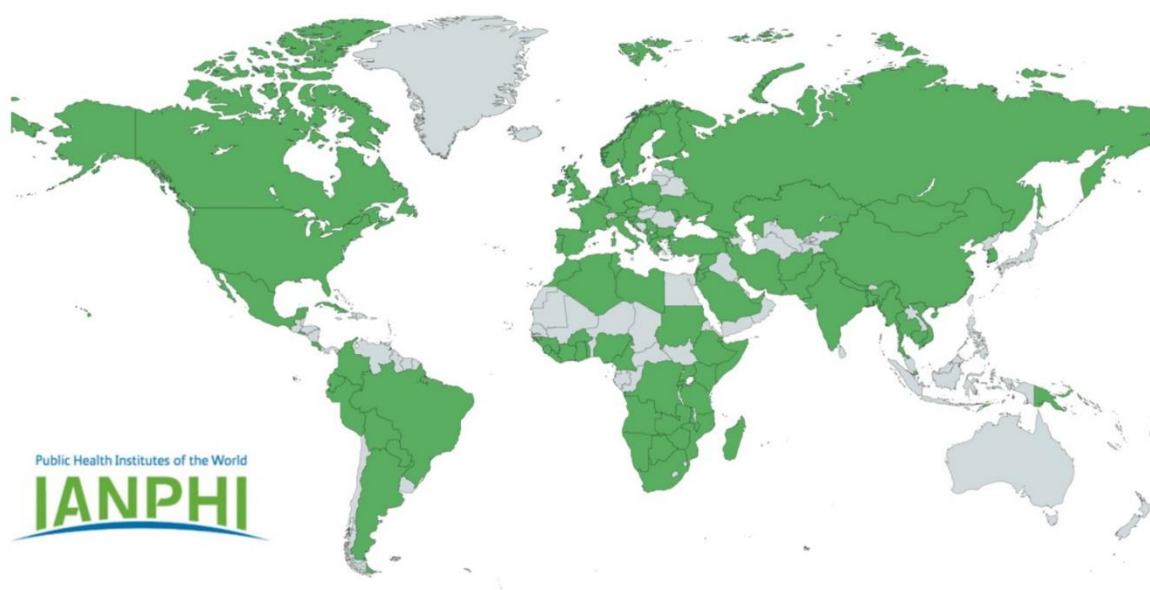
New Members

IANPHI welcomed nine new institutes in early 2024. As a result, the association has 124 Members from 104 countries, of which 95 are national members and 29 associate members as of January 1, 2024.

	Africa Regional Network		Asia Regional Network		Europe Regional Network		Latin America and Caribbean Regional Network	
	2023	2024	2023	2024	2023	2024	2023	2024
National Members	29	30	15	16	41	41	8	8
Associate Members	11	13	7	10	2	3	2	3

New National Members included: the National Institute of Public Health of Djibouti as well as the National Center for Communicable Diseases of Mongolia and new Associate Members included: the Health Board of Estonia, the Amhara Public Health Institute (APHI) of Ethiopia, the Ministry of Health and Social Services (MoHSS) of Namibia, the Central Laboratory of Public Health of Paraguay, the Ministry of Health (MoH) of Singapore, the Abu Dhabi

Public Health Center (ADCPH) of the United Arab Emirates and the Dubai Health Authority (DHA) of the United Arab Emirates.



Membership dues

Since 2020, there has been no increase in the membership dues. The membership dues are based on member country's World Bank country classification by income¹, the membership type and the number of IANPHI member institutes in the country. Fees for 2023 were as follows:

World Bank Classification	National Member IANPHI Annual Fee	Associate Member IANPHI Annual Fee
Low income or lower middle-income country	475 EUR / 515 USD	238 EUR / 258 USD
Upper middle-income country	2 850 EUR / 3 090 USD	1 425 EUR / 1 545 USD
High income country	8 500 EUR / 9 217 USD	4 250 EUR / 4 608 USD
Dues are to be paid in Euros, for convenience, the amount is also indicated in US Dollar ² . Dues do not include bank transfer charges.		
Associate Members pay half of the national member fee.		
Country with two IANPHI National Members: each institute pays 2/3 of the fee of a national member.		

By December 31, 75 of the 115 IANPHI members had paid their membership dues, amounting to a total of 268 106 €. One payment received in early January 2024 brings the total amount to 268 581 €. These figures include six member institutes which were granted a waiver (Albania, Colombia, Croatia, Israel, Jordan and Ukraine), three that were granted a discount (Armenia, Costa Rica and Ireland), and four that were unable to make bank transfers

¹ [World Bank Country and Lending Groups – World Bank Data Help Desk](#)

² <https://www.banque-france.fr/en/statistics/exchange-rates-daily-17-jan-2023>

to Belgium (Cuba, Iran, Syria, and Sudan) due to international regulations. Reminders were sent in May, June, July, August, September, October, November and December.

The Focal Point Network

This network was launched in October 2022. The focal points are key contacts for the IANPHI Secretariat. The aim of the Focal Point Network is to consolidate the relationship between the NPHIs and the IANPHI Secretariat, to share information about the association’s activities, opportunities for joint projects, and help them to disseminate information within their organization.

In 2023, the executive board approved the “Terms of Reference for the Focal Point Network”. Additionally, the focal point network met in April 2023 during the IANPHI Europe Meeting in Lisbon, Portugal.

Regional Networks Activities

The [IANPHI Regional Networks](#) were formally established in 2018.

In 2023, elections for chairs and vice-chairs for the four networks were held.

Regional Network	2023 Chair and Vice-Chair
Africa	<u>Chair</u> : Alex Riortex Ario, director of the Uganda National Institute of Public Health. <u>Vice Chair</u> : Hervé Hien, director of Burkina Faso’s Institut National de Santé Publique.
Asia	<u>Chair</u> : Dr. Muhannad Sulaiman Aloraini, director of the Public Health Academy at the Saudi Public Health Authority, Saudi Arabia. <u>Vice Chair</u> : Prof. Tahmina Shirin, director of the Institute of Epidemiology, Disease Control and Research (IEDCR) of Bangladesh, Bangladesh.
Europe	<u>Chair</u> : Trygve Ottersen, executive director and head of division, Norwegian Institute of Public Health. <u>Vice Chair</u> : Ihor Kuzin, deputy Minister of Health and chief state sanitary doctor, Ministry of Health, Ukraine.
Latin America and Caribbean	<u>Chair</u> : Prof. Felix Rosenberg, director of the Itaboraí Forum: Politics, Science and Culture in Health at the Fundação Oswaldo Cruz (Fiocruz), Brazil. <u>Vice Chair</u> : Claudia Perandones, director, National Administration of Laboratories and Institutes of Health, Argentina.

Africa Regional Network

The IANPHI Africa Regional Network met twice online to discuss priority actions for the year; identify new members, and organize webinars. Study visits were organized between members of the regional network such as between the Ethiopian Public Health Institute and the National Institute of Public Health of Burkina Faso.

Two webinars were organized:

["The Rise of African National Public Health Institutes and Lessons Learned from Stakeholder Involvement in their Operationalization,"](#) co-moderated by A. Rioplexus Ario, the director of Uganda National Public Health Institute, and H. Hien, the director of Burkina Faso National Public Health Institute. The contributors to the webinar included N. Mayet, deputy director of the National Institute for Communicable Diseases of South Africa, R. Chilengi, director of Zambia National Public Health Institute, and H. Taame, principal technical officer of Africa Centres for Disease Control and Prevention (Africa CDC). They elaborated on effectively leveraging the influence of national stakeholders and, most importantly, the political commitment of the country's leaders to achieve success in the operationalization and development of National Public Health Institutes (NPHIs).

On September 6, the IANPHI Africa Regional Network organized a webinar focusing on [Innovative approaches to public health emergency response and policy decisions](#). A. Rioplexus Ario served as the moderator, and the panel included representatives from the CDC Foundation, the National Institute for Communicable Diseases of South Africa, and Resolve to Save Lives. The discussion revolved around the present state of Data to Policy initiatives in Africa, the ongoing accomplishments and obstacles of the D2P program, and the 7-1-7 Target for Outbreak Detection and Control.

Asia Regional Network

The Asia network met three times to discuss the development of the 2023 action plan (based on responses to a survey launched following the hybrid Asia regional meeting held during the 2022 IANPHI Annual Meeting in Stockholm, Sweden); learn more about IANPHI's role in regional conversations and express their desire to play a greater part in Regional Network activities; and reflect on how to further advance the work of the Asia network and to follow up on the action plan and to encourage member participation in IANPHI activities.

Two webinars were organized:

On November 23, the Asia Regional Network held a webinar on ["Workforce Development: Challenges and Opportunities"](#). This webinar enabled network members to discuss common issues. It also served to strengthen links between Members and Partners such as EMPHNET and WHO.

Members of the IANPHI Asia Regional Network also attended various webinars throughout the year and were represented on the panel of the Europe Regional Network webinar on ["Tumultuous times and pressing strategic choices for NPHIs"](#) allowing representative of the Asia network to share his views on the challenges Members of the network face.

Europe Regional Network

The [IANPHI 2023 Europe Meeting](#) in Portugal on April 20-21 explored the theme "Public Health and Wellbeing in the Next 10 Years: New Challenges, New Responses?" The event gathered 89 participants from 32 NPHIs, including Portuguese-speaking countries invited by the Host, the Instituto Nacional de Saúde Dr. Ricardo Jorge (INSA). A total of 6 sessions took place on varied topics including: the new and emerging challenges in Europe, climate and environment, and the transformation potential of health promotion and prevention of non-communicable diseases. Highlights of the sessions are accessible on the IANPHI website [at this link](#).

Four webinars were organized:

["Prioritization in Health – how can we lift prevention?"](#) (January 25), ["Filling the knowledge gap in public health and social measures"](#) (March 15), ["Artificial Intelligence and Public Health"](#) (October 18), and ["Tumultuous times and pressing strategic choices for NPHIs"](#) (November 8). The last originated from a survey involving 14 European Member institutes, leading first to a preliminary results presentation in Portugal, and subsequently to this webinar, which aimed at expanding the conversation beyond Europe.

To enhance diversity and expertise, the IANPHI Europe prospecting list for new members was updated and the regional network welcomed the Health Board of Estonia as a new associate member. Moreover, the IANPHI Europe Network maintained close ties with the Ukraine Public Health Center through technical collaborations and coordination efforts with supporting stakeholders like the U.S. CDC Regional Office in Tbilisi, WHO, and ECDC.

Throughout 2023, the IANPHI Europe Regional Network committed to robust collaborations, engaging with partners such as the Association of Schools of Public Health in the European Region (ASPHER) and the Agency for Public Health Education Accreditation (APHEA) on public health workforce education and explored new possibilities with EuroHealthNet and the European Observatory on Health Systems and Policies. The association's collaboration with WHO took various forms, including a co-branded three-day workshop on EPHFs hosted by Santé publique France, the French national Agency of Public Health in May 2023 with the support of the international health grant program. The regional network was actively involved in key public health events, such as the [World Congress on Public Health in Rome](#), and the European Health Forum Gastein on ["New Partnerships for Public Health in Europe"](#). The IANPHI Europe Regional Network also contributed to the session on European collaboration among NPHIs at the UK Health Security Agency Conference in Leeds on November 15-16. Chair of the European network, Trygve Ottersen, introduced the audience to IANPHI and discussed the role of NPHIs in health security. He stressed that health security is central to the mission of many NPHIs, that many [NPHIs](#) play a critical role in countries' health security, that collaboration between NPHIs on health security is particularly important now, and that collaboration must and can be strengthened.

The IANPHI [peer review report of the Estonian National Institute for Health Development](#) was published in early 2023.

Latin America and Caribbean Regional Network

During 2023, the IANPHI Latin American and Caribbean Regional Network held two major meetings. A workshop on "Equity in Health" was held at the Itaboraí Palace, headquarters of the Itaboraí Forum-Fiocruz Petrópolis in Petrópolis, Brazil, from August 21-23. The meeting, supported by the U.S. CDC, IANPHI's U.S. Office at Emory University, brought together National Public Health Institutes from Argentina, Brazil, Costa Rica, Chile, El Salvador, Ecuador, Mexico, Peru and Venezuela, as well as representatives from Public Health Agency of Canada and Mozambique INS, U.S. CDC, Pan American Health Organization / World Health Organization (PAHO/WHO), and IANPHI. An action plan for the promotion of health equity was the result of the work carried out during the meeting. The call to action included more sovereignty in the production and access to health, with attention to the most vulnerable populations in Latin American countries, the need to comparatively analyze inequalities in the access to health systems in the participating countries, with a focus on primary care and health systems in border areas, training activities in public health with a focus on social inequalities, as well as the implementation of social technology projects, such as the Rapid Participatory Appraisals (RPA) and participatory cartography to strengthen the organization and community participation in primary care.

Furthermore, The National Health Institute (INS) of El Salvador hosted the second on-site annual meeting of the IANPHI Latin American and Caribbean Regional Network with a focus on the role of NPHIs in mental health and in fighting hunger and malnutrition from October 16-18. Directors of the National Public Health Institutes of Argentina, Brazil, Mexico, Peru and Venezuela were joined by representatives of the Central America Integration System – Sistema de la Integración Centroamericana (SICA-COMISCA), participants from IANPHI – Emory, United States Centers for Disease Control and Prevention (US CDC), the Pan American Health Organization (PAHO), United Nations International Children's Emergency Fund (UNICEF), as well as from Health Research Technical Commissions (CTIS) of Guatemala, Belize, El Salvador, Honduras, Nicaragua, Costa Rica and the Dominican Republic. The meeting delved into hunger issues, particularly focusing on Central America's policies and regulations. Participants stressed the importance of adopting multisectoral approaches, highlighting evidence-based interventions and fostering collaboration across different sectors. Recommendations included conducting research, providing training, establishing advisory groups, developing territorialized food guides, and disseminating publications to address regional food security challenges effectively, with the aim of improving policy formulation and implementation. Moreover, there was an emphasis on learning from global experiences and enhancing regional cooperation to combat hunger and malnutrition more efficiently. Further, Dr. Xochitl Sandoval, Director of the INS of El Salvador, presented the country's first National Mental Health Survey, aiming to establish a baseline for mental health indicators in the country. Recommendations from the survey included prioritizing early childhood education, integrating psychologists into the INS, and collaborating with organizations like UNICEF to address mental health as a social issue. However, challenges such as conducting community-based studies and garnering political support were identified. During a panel discussion, the importance of epidemiology programs in strengthening health systems and addressing mental health post-pandemic was underscored. Lessons from Argentina highlighted efforts to integrate mental health into primary care and combat food insecurity. Additionally, Field Epidemiology Training Programs (FETPs) were highlighted as crucial for enhancing epidemiological surveillance and response capabilities. Looking ahead, there are plans to address hunger, climate change, and health access disparities and to study the determinants of mental health. This includes establishing a regional metagenomics network and a health inequities observatory, training, developing research agendas and sharing methodologies to better understand and address regional health challenges. IANPHI covered airplane costs for some participants as well as expenses linked to meals and the social dinner. Organizations and entities such as the Ibero-American Organization, Spanish International Cooperation Agency (AECID), the Host Institute, Fundação Oswaldo Cruz (FIOCRUZ) and PAHO also contributed with funding.

To enhance diversity and expertise, the regional network's prospecting list for new members was updated and the regional network welcomed the Central Laboratory of Public Health of Paraguay as a new associate member.

Thematic Committees

The association has continuously gained visibility in the global public health community. IANPHI links national, on the ground-capacity of NPHIs with the voice of a global network. Through its unique membership and expertise, the association is increasingly consulted on strategic as well as scientific and operational issues on the full spectrum of public health. The establishment of thematic committees are key instruments to strengthen the collaboration between members along the five strategic priorities of IANPHI. In 2023, the executive board approved the "Rules of Procedure for Thematic Committees".

The Climate Change and Public Health Committee

The Committee on Climate Change and Public Health was launched in March 2021 with a working group of 15 Member NPHIs. The committee prepared an initial position paper, whose aim was to understand NPHIs' role and activities regarding climate change. Later published in the context of the 2021 United Nations Climate Change

Conference (COP26), the paper was adapted into an [IANPHI Roadmap for Action on Health and Climate Change](#), which recognizes the role of the NPHIs in mitigating the impact of climate change and defines future priority actions. In 2023, the Committee held three online meetings. By February 23, 2024, the thematic committee had 84 Members from 31 countries.

The Climate Change & Public Health Committee was working on developing a paper on extreme weather events. The committee Partnered in a parallel session in Budapest, Hungary during [the Seventh Ministerial Conference on Environment and Health](#). The interactive session focused on the intersection of climate change, health and the environment highlighting challenges and opportunities for win-win policies and actions in the context of multiple intersecting crises and recovery from the COVID-19 pandemic.

The committee hosted a workshop on November 9 during the European Public Health Conference in Dublin, Ireland. The workshop is entitled 'Cross-sectoral action on climate change and health: Insights from national public health institutes' and will include representation from the European Environment Agency.

IANPHI continued to participate through the committee in [the European Climate and Health Observatory](#) managed jointly by the European Commission and the European Environment Agency; and the committee initiated contacts with [the Global Heat Health Information Network \(GHHIN\)](#), [The Lancet Countdown](#) and [the Organisation for Economic Co-operation and Development \(OECD\)](#).

Chair: Dr. Sébastien Denys, Director of the Environmental and Occupational Health Division, Santé publique France

The Social and Public Health Inequalities Committee

The 2021 IANPHI Annual Meeting, "Recovering from Pandemics: Building a Healthier and More Equitable World," showcased the role NPHIs can have in addressing health inequities. Speakers presented on health equity within the context of COVID-19 pandemic response, development of tools and strategies to advance health equity, and considerations for integrating health equity into climate and environmental action. In the "Health Equity Tools and Strategies" session, Mexico, Cambodia, and Colombia highlighted their efforts related to health inequities and how surveillance data can inform programming.

The [Rio de Janeiro Statement on the Role of National Public Health Institutes in Facing Health Inequities](#) was introduced during the 2021 IANPHI Annual Meeting by the meeting host, the [Oswaldo Cruz Foundation](#), Brazil's public health agency. It was shared with IANPHI members for their comments and reviewed by the IANPHI Executive Board.

The statement urges IANPHI's member organizations to place the promotion of health equity at the core of their work.

Furthermore, the 2022 IANPHI Latin America Network Meeting hosted in October 2022 by the National Institute of Health of Mexico in Cuernavaca focused on the role of NPHIs in combating social inequalities. Representatives from the region discussed the global climate and environmental crisis, food insecurity and malnutrition, the COVID-19 pandemic response, and integrated disease surveillance and preparedness for health emergencies.

As a result of this collective work and these meetings in 2021 and 2022, the Social and Public Health Committee was established to harness the strengths of IANPHI and its member organizations to advance health equity priorities. The aim of the Committee is to contribute to the development of guidance, tools, or activities that support member organizations to promote health equity at the core of their work. In 2023, the committee held 4 online meetings. By 23 February 2024, the thematic committee had 43 members from 19 countries.

In its online meetings, the committee reviewed its concept note establishing it and collaboratively worked on the development of a multiyear workplan.

Co-Chairs: Dr. Felix Rosenberg, Director of Itaborai Forum: Politics, Science and Culture in Health at Brazil's Fundação Oswaldo Cruz (Fiocruz) & Shelly Bratton, National Public Health Institute Program lead for U.S. CDC

The Essential Public Health Functions Committee

Essential Public Health Functions (EPHFs) aim to operationalize public health in countries. They do so by defining public health activities at national level which are conducive to promoting and protecting the population's health, building and maintaining resilient health systems, guided by universality and equity and recognizing the need for community and multi-sectoral involvement. The World Health Organization (WHO), employing comprehensive stakeholder consultations, including with IANPHI, recently merged the former regionally distinct lists of EPHFs into one list of globally applicable, yet regionally adaptable EPHFs. The 12 EPHFs shall be implemented by a variety of public health actors at national level in the spirit of health for all (HFA) and health in all policies (HIAP). Hence, they shall also guide the creation, development and work of NPHIs. The objective and scope of the committee on EPHFs shall thus center on the operationalization of EPHFs for the development and enhancement of national public health institutes. In performing this task, the committee will build on experience and expertise gained in a similar process when an earlier version of the Pan American Health Organization's (PAHO) EPHFs were transformed into core functions of NPHIs for the 2007 IANPHI Framework on the Creation and Development of National Public Health Institutes. By February 23, 2024, the thematic committee had 59 members from 34 countries.

One sub-committee aims at updating the IANPHI Framework for the Creation and Development of National Public Health Institutes. The other one aims to the development of a Code of Practice for National Public Health Institutes. The chair and vice-chairs of the committee will be elected in 2024.

The Public Health Professional Development Committee

In 2022, IANPHI has signed an Memorandum Of Understanding (MoU) with the World Health Organization (WHO) including a commitment to support the development of the public health workforce, as set out in the document entitled: ['National workforce capacity to implement the essential public health functions including a focus on emergency preparedness and response: Roadmap for aligning WHO and Partner contributions'](#) (hereafter "[Roadmap](#)"). IANPHI is represented on the steering committee of the roadmap, and therefore in a position to influence and help shape its development and implementation. However that input should draw from and feedback to IANPHI Membership, in order to ensure that the Roadmap meets the needs of NPHIs and involves them actively in shaping the future development of the public health workforce. By February 23, 2024, the thematic committee had 53 members from 30 countries.

Through the PHPD Committee, IANPHI will:

- Identify and promote the roles that National Public Health Institutes (NPHIs) can play in supporting the development of a strong and capable public health workforce
- Increase its Members representation in external activities including events organized by G7 and G20, conferences such as the World Health Summit, events organized by WHO and Partners in relation to workforce development and public health workforce professionalization., and in other international fora

The chair and vice-chairs of the committee shall be elected in 2024.

The Pandemic Preparedness, Response and Recovery Committee

Close collaboration between NPHIs, including scientific exchange, technical cooperation, and staff as well as institutional capacity building, strengthens global pandemic preparedness, response and recovery. The COVID-19 pandemic showed that countries that were able to rely on the coordination of public health response through a NPHI tended to better manage their pandemic response. Through the Pandemic Preparedness, Response and Recovery Committee (PPRR), IANPHI intends to leverage its global structure and tools to increase the capacities and the impact of NPHIs for pandemic preparedness, response and recovery. By February 23, 2024, the thematic committee had 79 members from 39 countries.

The chair and vice-chairs of the committee shall be elected in 2024.

Sharing experiences - Webinars

IANPHI hosts webinars that allow member national public health institutes to discuss urgent global health issues with peer and partners organizations. Topics are chosen by members for their relevance to fellow NPHIs and the wider global health community.

The first IANPHI webinar of 2023 on January 25, dealt with [“Prioritization in Health – How Can We Lift Prevention?”](#) and was led by the Public Health Agency of Sweden. A. Veimer, director of the National Institute for Health Development (Estonia), A. Tegnell, senior advisor at the Public Health Agency of Sweden, E. Nykänen, chief specialist and head of team at the National Institute for Health and Welfare, (Finland), and M. Dietrich, acting director of the Federal Centre for Health Education, (Germany) shared their experiences in steering systems to better take into account or reinforce health promotion and prevention on a national level, including securing resources within the budget process rather than prioritization on a lower scale. T. Ottersen, executive director of the Norwegian Institute of Public Health moderated the webinar.

On February 7, the IANPHI Africa Network hosted their first regional network webinar of the year. The event, co-moderated by A. Riortexus Ario, director of Uganda National Public Health Institute and H. Hien, director of Burkina Faso National Public Health Institute was entitled [“The Rise of African National Public Health Institutes and Lessons Learned from Stakeholder Involvement in their Operationalization”](#). N. Mayet, deputy director of the National Institute for Communicable Diseases of South Africa, R. Chilengi, director of Zambia National Public Health Institute, and H. Taame, principal technical officer of Africa Centres for Disease Control and Prevention (Africa CDC) contributed to the event. They explained how to positively capitalized upon the influence of national stakeholders and, above all, the political will of the country's leaders to succeed in the process of operationalization and maturation of NPHIs.

On March 15, [a webinar on “Filling the Knowledge Gap in Public Health and Social Measures”](#) was conducted. The session offered presentations and a discussion between panellists from Germany's Robert Koch Institute, Public Health Wales and Denmark's Statens Serum Institut about the role of NPHIs in contributing to filling the knowledge gap. One or two more webinars will be conducted before summer, including possibly one on artificial intelligence and NPHIs.

On June 23, IANPHI hosted [a launch event of the integrated disease surveillance \(IDS\) reports](#). The event moderated by S. Lynes, outlines the work done with member institutes to examine the status of national surveillance systems and the evidence base for the effectiveness of IDS. D. Selbie, A. Lee and M. Sartaj from UK Health Security Agency, G. Flodgren from the Norwegian Institute of Public Health, J. Bezuidenhout from the National Institute for Communicable Diseases of South Africa, I. Macicame from the Instituto Nacional de Saúde of Mozambique, and Pierre Grand from WHO Hub for Pandemic & Epidemic Intelligence contributed to the event. The IANPHI IDS project aimed to identify key barriers, enablers, and opportunities revealed by responses to the COVID-19

pandemic. To achieve these objectives IANPHI conducted a scoping review of published evidence, a multi-country survey of IANPHI members, and qualitative “deep dive” case studies in seven countries (high income and low-income countries). The webinar offered an overview of the project findings and key recommendations.

On September 6, the IANPHI Africa Regional Network hosted a webinar on “[Innovative approaches to public health emergency response and policy decisions](#)”. The event was moderated by A. Riolexus Ario and gathered speakers from the CDC Foundation, the National Institute for Communicable Diseases of South Africa, and Resolve to Save Lives to discuss the current status of Data to Policy in Africa, current successes and challenges of the D2P program, and the 7-1-7 Target for Outbreak Detection and Control.

On October 12, IANPHI and WHO co-hosted a webinar on the recently launched “[Global Health Emergency Corps \(GHEC\) and the role of National Public Health Institutes and Partners](#)”. Moderated by Sadaf Lynes, director of collaborative surveillance, workforce and health emergencies at IANPHI, key reflections on the development of GHEC were presented by Scott Douglas Pendergast, director for strategic planning and partnerships of the Health Emergencies Program at WHO and Scott Dowell Deputy, director for surveillance and epidemiology at the Bill & Melinda Gates Foundation. They were joined by Duncan Selbie who reiterated IANPHI's support for the strong representation of NPHIs in the Global Health Emergency Corps (GHEC) initiative to ensure that the needs of NPHIs are at the forefront of mechanisms for health emergencies.

On October 18, the IANPHI European Regional Network hosted a webinar on “[Artificial intelligence in Public Health – Recent Developments, Challenges and Opportunities](#)”. This webinar highlighted the current challenges and opportunities for public health brought by the recent developments of artificial intelligence (AI) under the moderation of Trygve Ottersen, executive director at the Norwegian Institute of Public Health and chair of the IANPHI European Regional Network. Relevant topics including data governance, misinformation, terror, research, and productivity gains in generating reports and other deliverables have been discussed by M. Salathé from École polytechnique fédérale de Lausanne (EPFL) Lausanne, Jasper Littmann, specialist director in the Division of Infection Control at the Norwegian Institute of Public Health, Louisa Nolan, head of data science at Public Health Wales and Lothar Wieler, digital health cluster at Hasso Plattner Institute.

On November 8, the IANPHI Europe Regional Network hosted a webinar on “[tumultuous times and pressing strategic choices for NPHIs](#)”. The COVID-19 pandemic has dramatically changed the circumstances for many NPHIs. The current war in Ukraine and economic challenges reinforce the volatility of the situation alongside longer trends in emerging health threats and in technological advances. Many NPHIs have recently revised their strategy or are in the process of doing so. Even among those that do not, many now grapple with pressing strategic choices. The IANPHI Europe Regional Network launched a survey with the goal to gather information on the most pressing strategic choices that NPHIs are currently facing. Preliminary results were presented at the IANPHI Europe regional network meeting in Lisbon in April 2023, but additionally it was agreed to broaden the discussion to a global audience in order to share experiences and ideas also across regions. Therefore, this webinar aimed to present the expanded findings from the survey and then to debate these findings from multiple perspectives by including panelists from around the globe in order to better understand what NPHIs worldwide should do next. The webinar was moderated by Trygve Otterson, executive director of the Norwegian Institute of Public Health and chair of the IANPHI Europe Regional Network.

On November 23, 2023, the IANPHI Asia Regional Network hosted a webinar on "[Public Health Workforce Development: Challenges and Opportunities](#)". Panelists from the China CDC and the Jordan CDC shared experience discussed the current challenges and opportunities in the public health workforce development process, in terms of training, competency framework and roadmap and knowledge transmission with experts from the Imperial College of London, the Eastern Mediterranean Public Health Network (EMPHNET) and Arab Board of Health Specializations. The session was moderated by Dr. Muhannad Sulaiman Aloraini, Public Health Academy director, Saudi Arabia and chair of the Asian Regional Network.

Session highlights, speakers' slides, supporting materials and recordings are available on the IANPHI website <https://ianphi.org/tools-resources/webinars.html>.

Annual Meeting

The IANPHI Annual Meeting hosted by the Rwanda Biomedical Center was originally scheduled for November 7-9, 2023. It was postponed to February 7-8, 2024.

Partnerships

Working with the World Health Organization

[IANPHI-WHO joint consultation meeting on EPHFs in May 2023 hosted by Santé publique France](#)

In line with the strategic priority to strengthen essential public health functions (EPHFs) in the IANPHI-WHO MoU signed in November 2022, WHO's Health Systems Resilience and Essential Public Health Functions Team and IANPHI Secretariat convened a consultation workshop held at Santé publique France from May 10-12, 2023. Experts from IANPHI, member NPHIs globally and WHO identified and reviewed technical resources and practical approaches to applying the essential public health functions, with the aim to set a global guidance. The workshop closely aligned with WHO's strategic objectives, including strengthening the EPHFs and public health workforce development roadmap and action plan. Subsequently, a paper [Essential public health functions: the key to resilient health systems](#) summarizing the workshop discussions including next steps was published on BMJ Global Health in July 2023.

[WHO-IANPHI joint publication "Application of the essential public health functions: an integrated and comprehensive approach to public health"](#)

IANPHI and WHO collaborations on EPHFs culminated in the release WHO-IANPHI joint report [Application of the essential public health functions: an integrated and comprehensive approach to public health](#) in January 2024. The report provides a consolidated reference for operationalizing EPHFs, including a unified list of EPHFs along with associated subfunctions, an essential package of public health services and system enablers, and a flexible methodology that national authorities and partners can apply for the rapid scoping of baseline public health capacities, stewardship and services to inform national public health policy, planning and institutional reforms. This resource also endeavors to set global guidance to support defining the scope for NPHIs, and integrated and shared accountability on public health by stakeholders in health and allied sectors.

[IANPHI spoke at the Universal Health Coverage Partnership Workshop in Astana, Kazakhstan in October 2023](#)

IANPHI was invited to the Universal Health Coverage (UHC) Partnership Workshop in Astana, Kazakhstan in October 2023, ahead of the international conference celebrating the 45th anniversary of Alma-Ata and 5th anniversary of Astana declarations. Dr. Quentin Sandifer represented IANPHI to speak at the session “Strengthen health systems with the Essential Public Health Functions (EPHFs) to build resilience for UHC, health security, and healthier populations” organized by WHO’s Health Systems Resilience and Essential Public Health Functions Team. This high level side event underscored the important role of IANPHI and NPHIs to foster integrated health system strengthening underpinned by public health, and reinforced the importance of IANPHI/WHO partnership in strengthening EPHFs.

New Partnerships Approved in 2023

The Global Network for Academic Public Health (GNAPH)

In 2023, the Global Network for Academic Public Health (GNAPH) applied to become a partner of IANPHI. GNAPH convenes public health leaders from around the world to address issues of global concern related to academic public health and provide a venue to strengthen relationships among network members. Its mission is to enhance academic public health worldwide through mutual learning and collaborations between academic public health institutions globally in order to improve and protect the health of people and the planet. Collectively its regional associations represent over 450 institutions across more than 100 countries on six continents. The new partnership was approved at the IANPHI General Assembly held online on November 7 with 97% of the votes in favor.

IANPHI Representation in 2023 in international fora

IANPHI has had more active presence in international fora.

Dates	International fora	Session/Speaker(s)
February 27-28	2nd Steering Committee meeting for the Roadmap on Public Health and Emergency Workforce, London	D. Selbie G. Chêne
March 1-2	WHO European Solutions Forum on Health in the Well-being Economy, Copenhagen, Denmark	Q. Sandifer
March 14-15	National Public Health Agencies (NPHAs) Consultation Workshop on Health Emergency Preparedness and Response, Geneva	D. Selbie S. Lynes
May 2-6	17 th World Congress on Public Health	D. Selbie A-C Viso
May 21-30	Side Events World Health Assembly, Geneva 2 launch events: International Pathogen Surveillance Network (WHO Hub) & Global Health Emergency Corp: included presenting on behalf of IANPHI	S. Lynes

July 5-7	Seventh Ministerial Conference on Environment and Health: session on the intersection of climate change, health and the environment	S. Denys
September 24-27	"New Partnerships for Public Health in Europe" co-organized by the Austrian Public Health Institute (GÖG) and IANPHI at the European Health Forum Gastein	D. Selbie C. Habl Q. Sandifer T. Ottersen
October 15-17	World Health Summit, Berlin	D. Selbie S. Lynes
November 9	Collaboration to develop a framework with WHO Hub for Pandemic and Epidemic Intelligence and the Robert Koch Institute, Germany to enhance the roles and functions of NPHIs in health emergencies	D. Selbie A. Ikram S. Lynes
November 9	European Public Health Conference: workshop 'Cross-sectoral action on climate change and health: Insights from national public health institutes'	S. Denys
November 15-16	UK Health Security Agency Conference	T. Ottersen
November 23-24	2nd WHO European Public Health Leadership Course , Bordeaux, France	D. Selbie
November 27-30	Africa CDC's 3 rd International Conference on Public Health in Africa in Lusaka, Zambia.	A. Tegnell E. Whitney
December 1	G7 "Global Health Multi-stakeholder Dialogue: From Hiroshima to Puglia (GHMD)", Tokyo	N. Mayet, S. Lynes

Dr. Quentin Sandifer, strategic adviser, attended on behalf of the IANPHI President the WHO European Solutions Forum on Health in the Wellbeing Economy in Copenhagen, Denmark on March 1-2. Health gains made over previous decades are under threat, exacerbated by the negative impact of crises on personal and societal well-being – most recently with the ongoing COVID-19 pandemic. Participants, mainly from Europe, included high-level representatives of ministries of health and ministries of economic development, public health decision-makers, experts and representatives from civil society and wellbeing economy Partners, representatives from specialized agencies of the United Nations system and other intergovernmental organizations, such as the European Union (EU) and the Organisation for Economic Cooperation and Development (OECD).

D. Selbie and A. C. Viso participated to the 17th World Congress on Public Health in Rome, Italy, on May 2-6. D. Selbie was a speaker at the opening session and participated to several sessions organised by the newly established Global Network of Academic Public Health (GNAPH) among which sessions on workforce development and public health ethics.

S. Lynes participated to several side events and strategic meetings organized during the World Health Assembly between May 21 and 30 in Geneva, Switzerland. This was an opportunity to increase the visibility of IANPHI and to engage in strategic discussions with different partners and the WHO.

The IANPHI Thematic Committee on Climate Change and Public Health Partnered in a parallel session in Budapest, Hungary during the [Seventh Ministerial Conference on Environment and Health](#) from 5-7 July. The interactive session

focused on the intersection of climate change, health and the environment highlighting challenges and opportunities for win-win policies and actions in the context of multiple intersecting crises and recovery from the COVID-19 pandemic.

D. Selbie was a speaker at the opening session and participated to several sessions organized by the newly established Global Network of Academic Public Health (GNAPH) among which sessions on workforce development and public health ethics.

Quentin Sandifer (IANPHI Executive Board Adviser) and Trygve Ottersen, chair of IANPHI Europe Regional Network, participated in a session about "[New Partnerships for Public Health in Europe](#)" co-organized by the Austrian Public Health Institute (GÖG) and IANPHI at the European Health Forum Gastein on September 27, 2023. The theme of this year's Forum was "Health systems in crisis – countering shockwaves and fatigue".

D. Selbie participated with S. Lynes in the World Health Summit held between October 15th and 17th.

On November 8, D. Selbie, A. Ikram and S. Lynes collaborated on developing a framework with WHO Hub and the Robert Koch Institute in Germany to enhance the roles and functions of NPHIs in health emergencies, with plans to present the findings at the IANPHI Annual Meeting in Rwanda in February.

The IANPHI Thematic Committee on Climate Change and Public Health hosted a workshop on November 9th during the European Public Health Conference in Dublin, Ireland. The workshop is entitled 'Cross-sectoral action on climate change and health: Insights from national public health institutes' and was carried out in collaboration with the European Energy Agency.

On November 23-24, in Bordeaux, France, D. Selbie was invited to take part in the 2nd WHO European Public Health Leadership Course, co-developed by the WHO Regional Office for Europe and the University of Bordeaux, specifically its School of Public Health (ISPED) and the graduate program on Digital Public Health (DPH), in collaboration with the Bordeaux Population Health Research Center of the French National Institute of Health and Medical Research (Inserm) and the Care and Public Health Research Institute (CAPHRI) of the Maastricht University.

Anders Tegnell, senior expert, Public Health Agency Sweden, and E. Whitney, director IANPHI U.S. Office, represented IANPHI at Africa CDC's 3rd International Conference on Public Health in Africa, November 27-30, 2023 in Lusaka, Zambia.

December 1, 2023, Tokyo, Japan: S. Lynes represented IANPHI in the G7 "Global Health Multi-stakeholder Dialogue: From Hiroshima to Puglia (GHMD)" in Tokyo. The event was co-organized by the Japan Center for International Exchange (JCIE), Bill & Melinda Gates Foundation, the Coalition for Epidemic Preparedness Innovations (CEPI), International Pandemic Preparedness Secretariat (IPPS), United Nations Children's Fund (UNICEF), and the Wellcome Trust.

Recognition of Success 2023

The call for proposals for recognition of success received 31 applications (see Annex 3 - Applications Recognition of Success).

In order to avoid conflict of interest, the choice of one project per regional network was made by the chair and vice-chair of another regional network. The following table shows which regional network's representatives have voted for which regional network's projects:

Voting Regional Network	Regional Network voted for
Africa	Europe
Europe	Asia
Asia	Latin America & Caribbean
Latin America & Caribbean	Africa

The recognition of success winning projects of 2023 are the following:

- For the IANPHI Africa:
"Expanding quality public health laboratory services in Mozambique – ISO1589 accreditation of 25 lab tests" (Instituto Nacional de Saúde of Mozambique);
- For the IANPHI Asia:
"Actions to enhance multisectoral coordination within the One Health approach: Establishment of multiple national committees and technical working groups under the leadership of JCDC" (Jordan Center for Disease Control (JCDC));
- For the IANPHI Europe:
"Strengthening global genomic surveillance through The New Variant Assessment Platform (NVAP)" (UK Health Security Agency (UKHSA));
- For the IANPHI Latin America and the Caribbean:
"Generation of scientific evidence for decision making in the National Health System of El Salvador" (Instituto Nacional de Salud of El Salvador).

Governance

General Assembly

The IANPHI General Assembly is made up of the association's national members, with one vote per country. The general assembly is therefore a space where members can express their views and vote on different strategic decisions concerning IANPHI.

Between November 10 and November 23, 2023, the IANPHI General Assembly voting session was held through an online platform. IANPHI Members re-elected Prof. Duncan Selbie as IANPHI President for the next three years.

Five executive board member seats were open for the next three years from January 2024 because of the end of the terms of Prof. Aamer Ikram ([National Institute of Health of Pakistan](#)), Dr. Markku Tervahauta ([Finnish National Institute for Health and Welfare](#)), Dr. Sabin Nsanzimana ([Rwanda Biomedical Center](#)), Dr. Ebba Abate ([Ethiopian Public Health Institute](#)) and Prof. Dr. Lothar Wieler ([Robert Koch Institute \(RKI\)](#)).

IANPHI Member institutes elected Dr. Eduardo Samo Guido (National Institute of Health, Mozambique), Prof. Dr. Lars Schaade (Robert Koch Institute, Germany), Dr. Mesay Haily Dangisso (Ethiopian Public Health Institute), and Dr. Tracey Cooper (Public Health Wales, United Kingdom) as new executive board members.

The IANPHI General Assembly is also the place where new members of the association are approved. The IANPHI General Assembly approved two new national members: the National Institute of [Public Health of Djibouti](#) and the National Center for Communicable Diseases of [Mongolia](#) from 2024.

The IANPHI General Assembly approved the applications of seven new associated members: the Health Board of Estonia, the Amhara Public Health Institute (APHI) of Ethiopia, the Ministry of Health and Social Services (MoHSS) of Namibia, the Central Laboratory of Public Health of Paraguay, the Ministry of Health (MoH) of Singapore, the Abu Dhabi Public Health Center (ADCPH) of the United Arab Emirates and the Dubai Health Authority (DHA) of the United Arab Emirates as IANPHI Associate Members from 2024.

The IANPHI General Assembly approved a new partnership with the Global Network for Academic Public Health (GNAPH).

As a regular process for any international non-profit organization such as IANPHI, the members of the general assembly have approved to grant discharge from liability to each of the directors who was in office during the previous year, as well as to the secretary general for the performance of her mandate during that financial year. The final budget for 2022 and the budget proposal for 2024 have been approved as well as the amount of membership fees for 2024.

The 2023 general assembly was held online on December 7. The meeting allowed the presentation of highlights of IANPHI activities in 2023 according to the implementation of the IANPHI Strategy for 2021-2025, of all relevant financial information of the association, and of the results of the votes organized online and of the recognition of success contest.

Executive Board

In 2023, the IANPHI Executive Board consisted of:

- Prof. Duncan Selbie, IANPHI President, former chief executive, Public Health England (PHE) and senior adviser Saudi Public Health Authority (2021-2023),
- Dr. Meerjady Sabrina Flora, IANPHI Vice President, former director, Institute of Epidemiology Disease Control & Research (IEDCR) (2022-2024),
- Prof. Aamer Ikram, former director general, National Institute of Health, Pakistan (2021-2023),
- Dr. Abdullah Al Gwizani, chief executive, Saudi Public Health Authority (2023-2025),
- Prof. André van der Zande, former director-general, National Institute for Public Health & the Environment (RIVM), The Netherlands (2021-2023),
- Dr. Ebba Abate, former director general, Ethiopian Public Health Institute (2021-2023),
- Prof. Geneviève Chêne, chief executive, Santé publique France (2022-2024),
- Prof. Hongbing Shen, director general, Chinese Center for Disease Control and Prevention (2023-2025),
- Dr. Juan Ángel Rivera Dommarco, director general, National Institute of Public Health Mexico (2022-2024),
- Prof. Lothar H. Wieler, president, Robert Koch Institute Germany (2021-2023),
- Dr. Markku Tervahauta, director general, National Institute for Health and Welfare Finland (2021-2023),
- Dr. Sabin Nsanzimana, former director, Rwanda Biomedical Center (2021-2023),
- Dr. Theresa Tam, chief public health officer, Public Health Agency of Canada (PHAC) (2022-2024),
- Dr. Yanaris Lopez Almaguer, director, Institute of Tropical Medicine "Pedro Kouri", Cuba (2023-replaced in March 2024).

In 2022, the IANPHI Executive Board Members whose name is underlined above started their term following the elections whose results were shared during the 2022 general assembly. The executive board member whose name is in italics started their second mandate following the same process.

In 2023, the general assembly approved the renewal of mandate or the election of the following board members for a mandate to start in 2024:

- Prof. Duncan Selbie, IANPHI President, former chief executive, Public Health England (PHE) and senior adviser Saudi Public Health Authority – second mandate as IANPHI President,

- Dr. Eduardo Samo Gudo, director general of the National Institute of Health, Mozambique,
- Prof. Dr. Lars Schaade, acting president of the Robert Koch Institute, Germany,
- Dr. Mesay Hailu Dangisso, director general, Ethiopian Public Health Institute, Ethiopia,
- Dr. Tracey Cooper, chief executive, Public Health Wales, United Kingdom (Wales).

The new Board Members will replace:

- Prof. Aamer Ikram, director general, National Institute of Health, Pakistan,
- Dr. Ebba Abate, former director general, Ethiopian Public Health Institute,
- Prof. Lothar H. Wieler, president, Robert Koch Institute Germany,
- Dr. Markku Tervahauta, director general, National Institute for Health and Welfare Finland,
- Dr. Sabin Nsanzimana, former director, Rwanda Biomedical Center.

Executive Board meetings and decisions

The IANPHI Executive Board met six times in 2023. Five members ended their terms at the end of the year.

Five executive board meetings, plus one exceptional meeting (held in September) were organized in 2023.

All decisions taken in 2023 by the executive board are detailed in annex 2.

To strengthen the association and the development of its partnerships, IANPHI renewed the terms of two strategic advisors: Dr. Quentin Sandifer, former executive of Public Health Wales, and Dr. Jean-Claude Desenclos, former scientific director and deputy to the director general of Santé publique France, and former secretary general of IANPHI. Both advisors supported the implementation of the IANPHI Strategy and engaged with partners and members to involve IANPHI in specific projects related to global health initiatives. Prof Aamer Ikram was nominated and voted as a new strategic advisor during the 2023 general assembly. He started his functions as strategic advisor in January 2024.

Projects

To ensure the implementation of the IANPHI Strategy 2021-2025, IANPHI needs adequate core funding to provide quality capacity building, develop research and advocacy activities of its member NPHIs. Because external funding is now of utmost importance, a roadmap to attract investment into the association was approved by the executive board in August 2022.

[Support Regional Networks and Thematic Committee](#) – International Health Grants Programme
(Arrangement # 2223-HQ-000414 – 03 March 2023 – 02 March 2025)

The International Health Grants Program is a program of the Government of Canada aiming at strengthening intersectoral collaboration and promoting increased awareness and understanding of current and emerging global health issues of priority to Canada. Between September and November, the IANPHI Secretariat worked on and submitted a funding request for the project “Building IANPHI Regional Networks & Thematic Committees to Strengthen Public Health Systems, Capacity Building & Resilience” for 2023-2024 for a total amount of 200 100 CAD. The funding request was approved on December 13 and the funds reached the IANPHI bank account on March 15.

[Integrated Disease Surveillance](#) - Bill & Melinda Gates Foundation (Investment ID INV-058628 – 2 June 2023 to 31 May 2025)

Following the completion of the Bill & Melinda Gates Foundation awarded project on Integrated Diseases Surveillance (IDS), peer-reviewed articles were published in the Journal of Public Health. These articles synthesized evidence from three main project components: a literature review on IDS, a survey of IANPHI members, and in-depth investigations conducted in seven Low- and Middle-Income Countries (LMICs) and High-Income Countries (HICs).

Key findings highlighted variations in the conceptualization and maturity levels of IDS across different countries. While the role of NPHIs in IDS is significant, it remains undefined in many contexts. Common challenges include sectoral fragmentation, resource limitations, unclear governance structures, and weak evaluation mechanisms. The COVID-19 pandemic has prompted improvements in some surveillance systems, particularly in leveraging existing respiratory surveillance systems, although sustainability remains a concern.

In conclusion, integration efforts should be purpose-driven and contextually adapted, requiring political commitment, clear governance, and adequate resourcing. Technologies and the establishment of technical communities of practice could facilitate integration, yet the complexity and costs should not be underestimated. Further economic and impact evaluations of IDS are warranted.

Moreover, insights from the deep dives have been utilized by select countries to enhance their disease surveillance systems. The project's outcomes were presented at the IANPHI annual meeting in 2023, contributing significantly to discussions on disease surveillance and public health strategies.

The Bill & Melinda Gates foundation, in mid-2023, provided two-year funding for a director position with IANPHI to support further initiatives to progress IANPHI's partnership with the WHO. This comprises of Collaborative Surveillance, health emergencies and workforce. This has led to support for the development of the working plans based on the MoU signed between IANPHI and the WHO, the launch and development of the Global Health Emergency Corps (GHEC), and the developing framework for the core capabilities of NPHI in health emergencies.

U.S. Office

The U.S. Office implements NPHI establishment and strengthening projects globally with support from a cooperative agreement with the United States Centers for Disease Control and Prevention (U.S. CDC) and from the Child Health and Mortality Prevention Surveillance (CHAMPS), funded by the Bill & Melinda Gates Foundation.

During 2023, the U.S. Office with funding from the cooperative agreement with the U.S. Centers for Disease Control and Prevention (U.S. CDC) supported NPHI strengthening efforts in Burkina Faso, Cote d'Ivoire, Guinea, Jordan, Nigeria, Uganda, Vietnam, and Zambia as well as the Latin American Region.

- Burkina Faso

The U.S. Office facilitated the acquisition of a biobank, established a digital library, and implemented a telecommuting system. The Burkina Faso national public health bulletin (PHB) was established. The PHB is the government's primary communication channel for disseminating timely, reliable, authoritative, accurate, objective, and useful information to improve the public's health.

- Cote d'Ivoire

The U.S. Office assisted their INSP with the launch of a public health bulletin, supported their strategic planning, and supported the revamping of their website.

- Guinea

The U.S. Office facilitated the acquisition of videoconference equipment to 24 prefectures to improve communication between ANSS – the NPHI there – and the districts. They now meet virtually every Thursday and share reports of outbreak investigations.

- Jordan

IANPHI's emergency preparedness and response consultant provided training assistance to Jordan CDC to build capacity for emergency preparedness and response. In August, IANPHI's emergency preparedness and response

consultant provided technical assistance on the conduct of a Capacity Assessment Tool workshop aimed at measuring the country of Jordan's ability to prepare for and response to emergencies affecting public health.

- Nigeria

In collaboration U.S. CDC, the U.S. Office implemented Improving Public Health Management for Action (IMPACT), a service-based learning model for staff from Nigeria CDC. Participants received training on program planning and management, communication, community partnership development, analysis and assessment, organizational leadership and systems awareness, basic public health sciences and practices, budget and financial planning, and emergency preparedness and response. IMPACT Nigeria also trained a cohort of in-country trainers to ensure the program's benefits can be shared among Nigerian public health professionals going forward.

- Uganda

The U.S. Office also supported Implementation of Population Connectivity Across Borders (PopCAB) with UNIPH as they have built capacity by training 41 cross-border surveillance experts from 3 east African community Member states. They used their skills acquired from PopCAB during an Ebola outbreak and their findings were used to inform control activities including identifying points of entry for enhanced screening and sharing information with border countries' Ministries of Health to guide planning and response. Following earlier work funded by our cooperative agreement, their IHR annual assessment indicated a 15% increase in their capacity score from 2021 to 2022.

- Vietnam

IANPHI and U.S. CDC with representatives of the Government of Vietnam, conducted site visits to 21 government organizations throughout the country to assist in planning for Vietnam's National CDC (NCDC). Support for NCDC development was included in the White House summary of President Biden's trip to Vietnam in September 2023. The IANPHI-CDC team is developing a report summarizing the results of the visit and its recommendations which will be shared with the MOH.

- Zambia

The U.S. Office supported implementation of the Population Connectivity Across Borders (PopCAB) Toolkit and data collection exercises which have provided valuable insights into health-seeking behaviors and disease transmission dynamics across borders, specifically the Malawi-Zambia border area. The Population Connectivity across Borders (PopCAB) Toolkit is a means of gathering and analyzing information about population mobility to inform public health interventions. It determines the types of travelers moving through an area, the routes taken, and the reasons for travel. Understanding these patterns of movement can help inform preparedness and response strategies for communicable diseases.

The PopCAB Toolkit includes:

- Trainings modules
- Job aids
- Focus Group Discussion and Key Informant Interview template guides
- Orientation scripts
- Examples of spatial database and annotated map

- Latin America

IANPHI, U.S. CDC and Fiocruz hosted a health equity workshop in August 2023 for Latin America countries to discuss the role of an NPHI in improving health equity. Ideas were generated for actional projects that the region could undertake. PAHO, Mozambique's INS, and Public Health Agency of Canada along with 10 Latin American NPHIs participated.

- Staged Development Tool Updates

We worked with CDC on a significant update to one of our most used tools, the Staged Development Tool. The team revamped everything from facilitator guidance, forms, and added a new non communicable disease

discussion guide. These changes ensure our tools are relevant to those tasked with addressing the latest public health challenges.

- N-CAP

IANPHI Senior Public Health Consultant continued to work with U.S. CDC's NPHI program and OGNCD to refine N-CAP training. OGNCD has funded the Task Force for Global Health's TEPHINET Program to turn the training into an online course. IANPHI provided input into all aspects of this work, as well as developing interactive module that will test participant knowledge and teach facilitation skills. A webinar to launch N-CAP tools and learning was held September 25, 2023. IANPHI contributions to EMPHNET tools and programs to reduce non-communicable diseases in the Eastern Mediterranean region were included in [a video EMPHNET released for the Annual Global Week for Actions on NCDs: EMPHNET Tackles Non-Communicable Diseases in the Eastern Mediterranean Region](#).

Communications

IANPHI uses a variety of platforms to share information on its work including its website, IANPHI Insider newsletter, and a LinkedIn group for directors and focal points. The use of the LinkedIn group was limited. The U.S. office has managed to support communications for IANPHI despite the challenge of losing communication staff mid-year.

Newsletter - IANPHI Insider

The IANPHI Insider features stories highlighting the work of Members and Partners, including Africa CDC and the WHO Hub on Pandemic and Epidemic Intelligence. The communications team works with Members and Partners to write or source and edit the articles. Subscribe to the Insider here. <https://tinyurl.com/SubscribeIANPHI>

Below are the Insider issues published since January 2023:

- Insider #34 President's letter 2023
- Insider #35 Finding balance between prevention and curative interventions
- Insider #36 Guinea's work on COVID-19 immunization and launch of the Public Health Bulletin in Cote d'Ivoire
- Insider Special Edition: IANPHI's 2022 Progress Report
- Insider #37 Integrated Disease Surveillance
- Insider #38 Impact program offers on public health training in Nigeria

2022 Progress Report

The IANPHI communications manager produced a public-facing progress report for 2022. The report emphasizes our mission and achievements. It features our Partnership with WHO and G7; work on the Integrated Disease Surveillance project; highlights the Stockholm Statement and IANPHI Annual Meeting on pandemics, conflicts, climate change: new roles and challenges for National Public Health Institutes; COVID-19 lessons learned; and the capacity building projects we supported. The report can be found [at this link](#).

Website

The communications team published 19 news stories since January 2023. Articles are available in the [public health news section](#) of IANPHI's website.

Social Media Platforms

IANPHI amplified Member and Partner communications on our social media platforms. All posts can be found at the below links:

- Facebook page
- X/Twitter profile <https://twitter.com/IANPHIhealth>
- LinkedIn page <https://www.linkedin.com/company/IANPHIhealth>
- Instagram profile <https://www.instagram.com/IANPHIhealth/>

Key Communications Metrics for 2023 (January 1 – December 31, 2023)

- Email: 12 Campaigns opened 28,185 times
- X/Twitter: 52 tweets that yielded 64,220 impressions
- LinkedIn: 57 posts that garnered 31,241 views
- Facebook: 46 posts viewed 12,959 times
- IANPHI.org: 24,803 page views by 54,088 users

General Data Protection Regulation (GDPR)

In 2019, the executive board decided to equip IANPHI with a Customer Relationship Management tool to facilitate relationships between the secretariat and members and to streamline the management of invoices, payment receipts, letters, reminders, and any type of correspondence.

As an entity established in the European Union (EU), IANPHI must comply with the General Data Protection Regulation (GDPR) of the EU, which stipulates that without formal consent of each contact in the CRM, IANPHI is not allowed to store and use the personal data of the members and its member organizations. To comply with the GDPR, the IANPHI Secretariat drafted a privacy policy detailing the rights of the members in a clear and comprehensive way. The data consent form was circulated on September 3rd, 2021, to all IANPHI's contacts, amounting to a total of 672 individuals at the time of circulation. For those who have not yet given their consent, reminders are sent every two weeks. Individuals are requested to give their consent for the collection, storage, and processing of their personal data as well as for being contacted via the CRM mailing system.

By January 11, 2024, 76.74 % of IANPHI's active CRM contacts had replied, 99 % of them with a positive response.

IANPHI Foundation

The IANPHI Foundation, governed by a board of trustees, was established in 2011 and is registered in Finland. From its establishment in 2011 until 2019 the foundation collected the annual IANPHI membership dues, deposited them in its bank account. This capital funded various IANPHI activities according to the decisions of IANPHI Executive Board. Since 2019, the collection of IANPHI membership fees, donations and service fees, previously

channeled to foundation account, was fully transferred to IANPHI [the Association]. Subsequently, the IANPHI Executive Board and the foundation's board of trustees decided to wind down the foundation. The decision was made during the IANPHI Executive Board meeting and the board of trustees of April 26, 2022. IANPHI Foundation and IANPHI entered into an agreement for the remaining funds on IANPHI Foundation to be transferred to IANPHI to support the association's strategic activities as decided by the IANPHI Executive Board. The Finnish Registry Office published a call for foundation's creditors that was open until mid-August 2023. No creditors notified the registry of pending fiscal matters. All known budgeted and pending transfers of funds were completed prior to the creditors' deadline, including the return of base capital to THL Foundation and the remaining support to IANPHI as per the agreements. The transfer of 15 000 EUR from IANPHI Foundation to IANPHI took place on 11 August, and the sum of 25 000 EUR was transferred from IANPHI Foundation to THL Foundation on the same day through an agreement signed by representatives of both bodies. The final accounting and auditing of final accounts took place in November, after which, related documents were sent to Finnish Registry Office. The final fiscal report on closing the accounts of the foundation has been audited and submitted to the Finnish Registry Office along with the auditor's report, and it has been recorded at the Finnish Registry Office. Any additional information requested by the Finnish Registry Office was planned to be provided by the foundation during March 2024. After closing the foundation bank account, the remaining surplus is to be transferred to IANPHI as per the foundation's board of trustees and the IANPHI Executive Board decisions.

APPENDICES

Annex 1 - IANPHI Strategic Action Plan 2022-2023

Following its approval by the executive board in October 2021, the IANPHI Strategic Action Plan for 2022-2023 reflects the five strategic priorities of the [IANPHI Strategy 2021-2025](#). Keeping the core mission in mind, which is to support NPHIs in developing and strengthening their institutes using tools based on the WHO Framework for Essential Public Health Functions, IANPHI endorsed a detailed plan and a system approach to implement it. The approach is thus focused on generating and disseminating evidence, knowledge and building the collective intelligence of members and external partners, whilst growing outcome-based activity through strengthened partnership. One of the important features of the plan is the attention given to investing in time and resources for its implementation. The strategy of the plan's implementation is built on 25 strategic objectives, declined from five strategic priorities and covering cross-cutting activities with interlinked outputs and outcomes. A set of 12 principles is reflected in the design and development of the action plan and considers a number of critical dependencies, activities and enablers to achieve the above-mentioned objectives (p. 9-17 of [Action Plan 2022](#)). In order to better visualize and implement the action plan, the proposed approach is built on a structure of Initiatives and Fundamental platforms and enablers:

INITIATIVES:

- I. National Public Health Institute Development and Strengthening
- II. Thematic Committees:
 - Climate Change and Public Health
 - Professional Development and Capacity Building
 - Pandemic preparedness, Response and Recovery
 - Essential Public Health Functions
 - Social and Health Inequalities
- III. Regional Networks:
 - Africa
 - Asia
 - Europe
 - Latin America
- IV. External Partnership programs

FUNDAMENTAL PLATFORMS AND ENABLERS

- V. Sponsorship and Fundraising
- VI. Communications
- VII. Knowledge Portal
- VIII. Fully functional IANPHI Secretariat
- IX. Focal Points group
- X. Annual Meeting

Annex 2 - IANPHI Executive Board Decisions – 2023

Date	Item discussed	Main decisions
February 21, 2023	<ol style="list-style-type: none"> 1. Welcome to the participants and introduction of the incoming Executive Board members & Follow-up since November 2022 Exceptional Executive Board meeting 2. Update on the activities of the Regional Networks (Africa, Asia, Europe, Latin America & the Caribbean) 3. Update on the IANPHI Investment Strategy 4. Update on WHO Action Plan 5. IANPHI membership applications: the National Institute of Public Health of Djibouti and the Central Laboratory of Public Health of Paraguay 6. Review of Associate membership 7. Bill & Melinda Gates Foundation IDS 	<ol style="list-style-type: none"> 1. Approval by the participants in the meeting to present the membership applications of two institutes to the 2023 General Assembly: the National Institute of Public Health of Djibouti as a National member, and the Central Laboratory of Public Health of Paraguay as an Associate member. 2. Approval by the participants in the meeting of the Associate membership status review process proposed by the IANPHI Secretariat. 3. Approval by the participants in the meeting on drafting an amendment to the Internal Rules of the Association regarding the process for the revision of the status from Associate to National member.

	<p>Project update</p> <p>8. IANPHI Thematic Committees update & Call for volunteers to draft TORs of two new thematic committees</p>	
April 25, 2023	<p>1. Welcome to the participants and introduction of the incoming Executive Board members & Follow-up since February 21 Executive Board meeting</p> <p>2. Update on the activities of the Regional Networks (Africa, Asia, Europe, Latin America & the Caribbean)</p> <p>3. Update on the IANPHI Investment Strategy</p> <p>4. Update on WHO Action Plan</p> <p>5. IANPHI membership applications: the Health Board of Estonia, the Amhara Public Health Institute of Ethiopia, the Ministry of Health and Social Services of Namibia, the Abu Dhabi Public Health Center of the United Arab Emirates, and the Dubai Health Authority of the United Arab Emirates</p> <p>6. Discount & Waiver requests</p> <p>7. Review of IANPHI Thematic Committees Terms of Reference (ToRs) - Rules of Procedure (RoPs) / Focal Point Network ToRs</p> <p>8. Bill & Melinda Gates Foundation IDS Project update</p>	<p>1. Approval by the participants in the meeting to present the Associate membership applications of the following institutes to the 2023 General Assembly: the Health Board of Estonia, the Amhara Public Health Institute of Ethiopia, the Ministry of Health and Social Services of Namibia, the Abu Dhabi Public Health Center and the Dubai Health Authority of the United Arab Emirates.</p> <p>2. Approval by the participants in the meeting of the waiver request issued by the Centre for Disease Control of Jordan (JCDC).</p> <p>3. Approval by the participants in the meeting on changing the execution date of the Terms of Reference (ToRs) and Rules of Procedure (RoPs) for the Thematic Committees.</p> <p>4. Approval by the participants in the meeting of the change of wording in the Terms of Reference (ToRs) for the Focal Point Network to include a more detailed description of the role of the Network and its co-chairs.</p>
July 6, 2023	<p>1. Welcome to the participants and introduction of the incoming Executive Board members & Follow-up since April 25 Executive Board meeting</p> <p>2. Update on IANPHI Investment Strategy (January - June 2023)</p> <p>3. Update on WHO Action Plan</p> <p>4. Update on 2022 and 2023 budgets</p> <p>5. IANPHI membership applications: the One Health Platform of Côte d'Ivoire, the National Centre for Communicable Diseases of Mongolia, and the Ministry of Health of Singapore</p> <p>6. Review of Associate membership</p> <p>7. Discount & Waiver requests</p> <p>8. IANPHI Foundation update</p>	<p>1. Approval by the participants in the meeting to present the membership applications of two institutes to the 2023 General Assembly: the National Centre for Communicable Diseases of Mongolia as a National member, and the Ministry of Health of Singapore as an Associate member.</p> <p>2. Approval by the participants in the meeting on postponing the decision regarding the application of the One Health Platform of Côte d'Ivoire and the status to which the institute is entitled due to lack of time.</p> <p>3. Approval by the participants in the meeting to present the change of status from Associate to National member of the following institutes to the 2023 General</p>

	<p>9. Presentation on “Modernizing Global Health Security to Prevent, Detect, and Respond” by Scott McNab</p>	<p>Assembly : the National Institute of Health of El Salvador, the National Institute of Health of Somalia, and the National Public Health Institute of Zambia.</p> <p>4. Approval by the participants in the meeting of the waiver requests issued by the following institutes: the Institute of Public Health of Albania, the National Health Institute of Colombia, the Institute of Public Health of Croatia, and the Public Health Center of Ukraine (PHCU).</p>
September 21, 2023	<p>1. IANPHI Strategy</p> <ul style="list-style-type: none"> ▪ Introduction and context: overview of the IANPHI Strategy 2021-2025 and the Action Plan implementation ▪ Update on the initiatives underway ▪ The role of the Executive Board members ▪ Open discussion ▪ Next steps 	<p>No specific decision was approved during this Exceptional Executive Board meeting.</p>
September 26, 2023	<p>1. Welcome to the participants and introduction of the incoming Executive Board members & Follow-up since July 6 Executive Board meeting</p> <p>2. Summary of September 21 Exceptional Executive Board</p> <p>3. Update on the activities of the Regional Networks (Africa, Asia, Europe, Latin America & the Caribbean)</p> <p>4. Renewed call for participants to the Essential Public Health Functions Thematic Committee & Revision of the IANPHI Framework for NPHI Creation and Development</p> <p>5. Bill & Melinda Gates Foundation grant update</p> <p>6. Update on TEPHINET</p> <p>7. Information on the Team Europe Initiative</p> <p>8. Update on WHO Action Plan</p> <p>9. Approval of voting documents for the General Assembly 2023 (1/2)</p> <p>10. Waiver request</p> <p>11. Project request</p> <p>12. Presentation by the Agency of Public Health Education Accreditation (APHEA) by J. Goodman & J. Middleton</p>	<p>1. Approval by the participants in the meeting of the proposal to postpone the IANPHI Annual Meeting 2023 to the week beginning February 5, 2024.</p> <p>2. Approval by the participants in the meeting of the application of Prof. Duncan Selbie, current IANPHI President, for IANPHI Presidency to be submitted to the 2023 General Assembly for vote.</p> <p>3. Approval by the participants in the meeting of four Executive Board applications to be submitted to the 2023 General Assembly for vote. The four applicants are Dr. Eduardo Samo Gudo, Director General of the Mozambique National Institute of Health, Prof. Dr. Lars Schaade, Acting President of the RKI in Germany, Dr. Mesay Hailu Dangisso, Director General of the Ethiopian Public Health Institute, and Dr. Tracey Cooper Chief Executive of Public Health Wales in United Kingdom Wales.</p> <p>4. Approval by the participants in the meeting of one application for Chair and one application for Vice-Chair of the IANPHI African Regional Network to be submitted to the 2023 General Assembly</p>

		<p>for vote. Dr. Alex Riolexus Ario, Director of the Uganda National Institute of Public Health, applied to become Chair. Prof. Hervé Hien, General Director of the Burkina Faso National Public Health Institute, applied for the Vice-Chair position.</p> <p>5. Approval by the participants in the meeting of one application for Chair and one application for Vice-Chair of the IANPHI Asian Regional Network to be submitted to the 2023 General Assembly for vote. Dr. Muhannad Sulaiman Aloraini, Director of the Saudi Arabia Public Health Authority, applied to become Chair. Prof. Tamina Shirin, Director of the Bangladesh Institute of Epidemiology, Disease Control and Research, applied for the Vice-Chair position.</p> <p>6. Approval by the participants in the meeting of two applications for Chair and one application for Vice-Chair of the IANPHI European Regional Network to be submitted to the 2023 General Assembly for vote. Dr. Trygve Ottersen, Executive Director of the Norwegian Institute of Public Health, and Prof. Fu-Meng Khaw, National Director of Health Protection and Screening Services at Public Health Wales in United Kingdom Wales, applied to become Chair. Ms. Olga Gvozdetska, Deputy General Director at the Public Health Center of the Ministry of Health of Ukraine, applied for the Vice-Chair position.</p> <p>7. Approval by the participants in the meeting of one application for Chair of the IANPHI Latin American Regional Network. Prof. Felix Rosenberg, Director of the Itaborai Forum at Fundação Oswaldo Cruz (FIOCRUZ) in Brazil, applied to become Chair.</p>
<p>November 7, 2023</p>	<ol style="list-style-type: none"> 1. Welcome to the participants and introduction of the incoming Executive Board members & Follow-up since September 26 Executive Board meeting 2. Update on the activities of the Regional Networks (Africa, Asia, Europe, Latin America & the Caribbean) 3. Bill & Melinda Gates Foundation grant update 4. U.S. Office Project Funding Request 5. Update on WHO's Public Health and Emergency Workforce Roadmap 6. Update on WHO's Roadmap on 	<ol style="list-style-type: none"> 1. Approval by the participants in the meeting of further exploration of safeguards and funding mechanisms when applying for pharmaceutical funding. 2. Approval by the participants in the meeting of the finalized IANPHI Budget 2022 to be submitted to the 2023 General Assembly for vote. 3. Approval by the participants in the meeting of the finalized IANPHI Budget 2024 proposal to be submitted to the 2023 General Assembly for vote.

	<p>Operationalizing Essential Public Health Functions: An Integrated and Comprehensive Approach to Public Health</p> <p>7. Approval of voting documents for the General Assembly 2023 (2/2)</p> <p>8. IANPHI Executive Board Strategic Adviser – A. Ikram</p> <p>9. Waiver requests</p>	<p>4. Approval by the participants in the meeting of Dr. Aamer Ikram as Strategic Adviser to IANPHI for two years.</p> <p><i>Before and after the Executive Board meeting, four decisions were approved by the Executive Board members by email (sent on October 10, November 7 & November 14) due to time constraints:</i></p> <p>1. Approval by the Executive Board members by email of the partnership application of the Global Network for Academic Public Health (GNAPH) to be submitted to the 2023 General Assembly for vote.</p> <p>2. Approval by the Executive Board members by email on postponing the decision regarding the application of the One Health Platform of Côte d'Ivoire and the status to which the institute is entitled to allow the IANPHI Secretariat to gather further information.</p> <p>3. Approval by the Executive Board members by email of the waiver request issued by the Israel Center for Disease Control (ICDC).</p> <p>4. Approval by the Executive Board members by email of the reduction requests issued by the National Institute of Health of Armenia and the National Institute for Research on Nutrition and Health of Costa Rica (INCIENSA).</p>
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Annex 3 - Applications Recognition of Success

IANPHI Africa Regional Network

Project selected:

Instituto Nacional de Saúde of Mozambique: Expanding quality public health laboratory services in Mozambique – ISO1589 accreditation of 25 lab tests

Other applications:

Institut national de Santé publique of Burkina Faso: Lessons learned from NPHI from prefiguration and development phase. Perspectives to contribute to the other institutions in Africa

Instituto Nacional de Saúde Pública of Cabo Verde: Contribution to national capacity building in IDSR by an implementation of sustainable training in field epidemiology frontline

Instituto Nacional de Saúde Pública of Cabo Verde: Implementation of Cape Verde's first Public Health Bulletin focusing on the One Health approach

Institut National d'Hygiène of Morocco: Management of the network of SARS-CoV2 diagnostic laboratories in Morocco

Instituto Nacional de Saúde of Mozambique: Expanding quality public health laboratory services in Mozambique – Expansion of Public Health Laboratory Services in Mozambique

National Institute for Communicable Diseases of South Africa: Establishment of Regional Centre of Excellence for developing the capacity to train biosafety and biosecurity professionals in Africa

National Institute for Communicable Diseases of South Africa: Pandemic to endemic innovation pivot

National Institute for Communicable Diseases of South Africa: A major milestone of sustained national access to WHO-recommended antifungal treatment for HIV-associated cryptococcal meningitis in South Africa – a first for the African continent

National Institute for Communicable Diseases of South Africa: Establishing regional capacity for genomic surveillance in Africa for pandemic response and preparedness

National Institute for Communicable Diseases of South Africa: A novel approach to advancing cancer surveillance by record linkage

National Institute for Communicable Diseases of South Africa: Membership of the NORA and AFCN

National Institute for Communicable Diseases of South Africa: Policy development to increase HPV vaccination coverage in South Africa

National Institute for Communicable Diseases of South Africa: Mentorship of Rwanda National Cancer Registry and AORTIC conference abstract acceptance

National Institute for Communicable Diseases of South Africa: Annual reports on childhood cancers in South Africa

IANPHI Asia Regional Network

Project selected:

Jordan Center for Disease Control (JCDC): Actions to enhance multisectoral coordination within the One Health approach: Establishment of multiple national committees and technical working groups under the leadership of JCDC

Other applications:

Jordan Center for Disease Control (JCDC): Progress toward the enhancement of an integrated surveillance system in Jordan: conducting national comprehensive mapping and evaluation studies to come up with evidence-based recommendations and suggested mechanisms for the integration of surveillance system

National Institute of Health of Pakistan: Pakistan's remarkable progress in strengthening public health: the story of the 2nd joint external evaluation in 2023

National Institute of Health of Pakistan: Strengthening disease surveillance capacities in Pakistan through the implementation of IDSR at national and subnational levels

Korea Disease Prevention and Control Agency (KCDC): Based on IT technology, to build a "convenient, fast and accurate" response to infectious diseases: Shift to a new paradigm of infectious disease information system

IANPHI Europe Regional Network

Project selected:

UK Health Security Agency (UKHSA): Strengthening global genomic surveillance through The New Variant Assessment Platform (NVAP)

Other applications:

National Institute for Health Development of Estonia: HPV self-sampling in Estonia

National Institute for Health Development of Estonia: Prevention Science Council

Istituto Superiore di Sanità of Italy: ISS-G20 Public Health Laboratorium

Public Health Center of the Ministry of Health of Ukraine (PHC): Organization of the liquidation of the consequences of a state-level man-made disaster related to the Russian blow-up in Kakhovka dam

Public Health Center of the Ministry of Health of Ukraine (PHC): "Strengthening of anti-tobacco measures in Ukraine" with the support of the International Fund for the fight against tuberculosis and lung diseases the UNION

Public Health Center of the Ministry of Health of Ukraine (PHC): Uninterrupted access to HIV treatment in war conditions

Public Health Wales: Digitalizing solutions for health equity

IANPHI Latin America and the Caribbean Regional Network

Project selected:

Instituto Nacional de Salud of El Salvador: Generation of scientific evidence for decision making in the National Health System of El Salvador

Other applications:

Instituto Nacional de Salud of Colombia: Building social appropriation of science process – stop the causes of hunger in La Guajira, Colombia

Instituto Nacional de Salud Pública of Mexico: Certification for good practices in Labor Equality and Non-Discrimination at the INSP