

# 90-90-90

## Targets Workshop

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July 22-23, 2017 • Paris



We are midway to the 2020 deadline to attain 90-90-90.  
Are we on target? What more can we do?

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# WELCOME

Dear Colleagues,

The International Association of Providers of AIDS Care (IAPAC) is proud to partner with the Joint United Nations Programme on HIV/AIDS (UNAIDS) to host this year's 90-90-90 Targets Workshop, in collaboration with the Global Network of People Living with HIV/AIDS (GNP+) and the International AIDS Society (IAS).

We are gathering at a time of great momentum. We are witnessing national and local AIDS programs optimize and make improvements across their HIV care continua – without which we cannot achieve the 90-90-90 targets by 2020. Getting 90% of people living with HIV (PLHIV) to know their status, 90% of diagnosed PLHIV on antiretroviral therapy (ART), and 90% of PLHIV on ART achieving viral suppression seemed like wishful thinking when UNAIDS proposed the targets in 2014. Nonetheless, these targets took root because they were based on the irrefutable medical breakthrough originally referred to as “treatment as prevention,” and mathematical modeling indicating that reaching 90-90-90 by 2020 would both lead to HIV epidemic control in some settings and contribute to the Sustainable Development Goal (SDG) of ending AIDS as a public health threat by 2030. Through political advocacy led by UNAIDS and 90-90-90 advocates, the global HIV community embraced the targets and, ultimately, the targets were included in the *Political Declaration on HIV and AIDS* ratified at the UN High-Level Meeting on HIV/AIDS in June 2016.<sup>1</sup>

As noted in the UNAIDS 2017 *Global AIDS Update* released in Paris a few days ago, much progress has been made around the world toward the attainment of the 90-90-90 targets. In addition to integrating the targets into their HIV responses, national and local jurisdictions have generated their HIV care continuum and 90-90-90 data and taken concrete, innovative actions to close the gaps (e.g., HIV self-testing, same-day ART initiation, community-based/-delivered/-supported ART). According to a UNAIDS analysis of data from 168 countries, in 2016, 70% (51%-84%) of PLHIV knew their status, 77% (57%-89%) of diagnosed PLHIV were on ART, and 82% (60%-89%) of PLHIV on ART achieved viral suppression.<sup>2</sup> Two countries, Denmark and Sweden, have announced their attainment of the 90-90-90 targets.<sup>3,4</sup> At the local level, the Fast-Track Cities of Amsterdam and Melbourne have attained the 90-90-90 targets – 94-90-94 and 90-94-93, respectively<sup>5</sup> – with many more cities closing in on one or more of the 90 targets.

Alongside the 90-90-90 good news we will share throughout the Workshop's two-day program, we must consider the sobering fact that persistent barriers and challenges can jeopardize our 90-90-90 successes and the necessary pivot to ending AIDS. When measured using HIV care continuum calculations (denominator for each step being all PLHIV), last year one-third of PLHIV did not know their status.<sup>2</sup> In 2017, only 58 countries have published national guidelines adopting the 2015 World Health Organization (WHO) treat-all recommendation.<sup>6</sup> An estimated 10.2 million PLHIV are not on ART in 2016.<sup>2</sup> Viral load testing is still not meaningfully available in too many countries, meaning that measuring and monitoring the third 90% is unfeasible. Where viral load can be measured, in 2016 less than half of all PLHIV on ART (44% [32%-53%]) were virally suppressed.<sup>2</sup> Moreover, stigma, discrimination, and criminalization of PLHIV remain critical threats to the HIV care continuum – and, therefore, violations of the human right to health.

Recognition that 90-90-90 is a starting point on the journey to ending AIDS is propelling the many actions that we will hear about at the Workshop, including game-changing innovations that can accelerate attainment of the targets. We will also examine the means to address barriers to accessing and utilizing HIV services, optimizing service delivery, and ways to leverage advances in the HIV response, in the spirit of the SDGs and with the belief that a high tide can lift all ships, to address tuberculosis, viral hepatitis, and non-communicable diseases.

I am convinced that by 2020 we can close remaining gaps in national and local HIV care continua and, thus, celebrate millions of lives saved and costs averted because we attained the 90-90-90 targets in many more cities and countries around the world. However, doing so requires sustained momentum fueled by unwavering political commitment and adequate resources. Now is not the time to remove our foot from the accelerator.

As important, though, we must be cognizant that 90-90-90 alone cannot end AIDS. Over the next two days, I urge you to be enthusiastic in your discussions about reaching the 90-90-90 and, subsequently, the 95-95-95 targets – these targets are within our grasp. But let us also initiate a global conversation at this Workshop about clearly defining what we mean by “ending AIDS” and, thus, begin to connect the dots between attaining 90-90-90 (and 95-95-95), achieving HIV epidemic control, and ultimately ending AIDS.



José M. Zuniga  
President | Chief Executive Officer  
International Association of Providers of AIDS Care

1. UN. *Political Declaration on HIV and AIDS: On the Fast-Track to Accelerate the Fight Against HIV and to End the AIDS Epidemic by 2030*. Ratified June 7, 2016, New York, NY, USA.

2. UNAIDS. *Global AIDS Update, 2017: Ending AIDS – Progress towards the 90-90-90 Targets*. Released July 20, 2017, Paris, France.

3. Gourlay A, Noori T, Pharris A, et al. The human immunodeficiency virus continuum of care in European Union countries in 2013: Data and challenges. *Clin Infect Dis*. 2017;64(12):1644-1656.

4. Gisslén M, Svedhem V, Lindborg L, et al. Sweden, the first country to achieve the Joint United Nations Programme on HIV/AIDS (UNAIDS)/World Health Organization (WHO) 90-90-90 continuum of HIV care targets. *HIV Med*. 2017;18:305-307.

5. IAPAC. Global Fast-Track Cities Web Portal ([www.fast-trackcities.org](http://www.fast-trackcities.org)).

6. IAPAC. HIV Policy Watch (<http://www.hivpolicywatch.org>).

9:00 AM – 9:15 AM

Welcome Remarks



José M. Zuniga  
President/Chief Executive Officer  
International Association of  
Providers of AIDS Care  
Washington, DC, USA

9:15 AM – 9:45 AM

Keynote Address

90-90-90 at the Midway Point to 2020:  
Successes, Challenges, and Opportunities



Michel Sidibé  
Executive Director  
Joint United Nations  
Programme on HIV/AIDS  
Geneva, Switzerland

9:45 AM – 11:45 AM

Minister of Health and Global Health Leader Perspectives on 90-90-90  
and Ending AIDS as a Public Health Threat

Moderators



Marc Angel  
Deputy  
Chamber of Deputies  
Luxembourg



Jean-François Delfraissy  
President  
Consultative Ethics Committee for Life  
Sciences and Health  
Paris, France

Panelists - Ministers of Health



Hon. Dorcas K. Makgato  
Minister of Health and Wellness  
of Botswana  
Gaborone, Botswana



Hon. Mam Bun Heng  
Minister of Health of Cambodia  
Phnom Penh, Cambodia



Hon. Eric Ulloa  
Vice Minister of Health  
of Panama  
Panama City, Panama



Hon. Molotsi Monyamane  
Former Minister of Health of the  
Kingdom of Lesotho  
Maseru, Lesotho

Panelists - Global Health Leaders



Ambassador Deborah L. Birx  
US Global AIDS Ambassador  
Office of the Global  
AIDS Coordinator  
Washington, DC, USA



Michel Sidibé  
Executive Director  
Joint United Nations  
Programme on HIV/AIDS  
Geneva, Switzerland



Marijke Wijnroks  
Interim Executive Director  
Global Fund to Fight AIDS,  
Tuberculosis & Malaria  
Geneva, Switzerland

Discussion

11:45 AM – Noon

Break

Noon – 1:30 PM

Global Report – 90-90-90 at the Midterm to 2020

## Moderators



José M. Zuniga  
President/Chief Executive Officer  
International Association of  
Providers of AIDS Care  
Washington, DC, USA



François Dabis  
Director  
Agence Nationale de Recherche sur  
les Sida et Hépatites  
Paris, France

## Presenters

AIDS by the Numbers:  
Where Do We Stand  
with 90-90-90?



Peter Ghys  
Director, Strategic Information  
and Evaluation  
Joint United Nations  
Programme on HIV/AIDS  
Geneva, Switzerland

Population-Based HIV Impact  
Assessments: Documenting PEPFAR and  
Global Fund Return on Investments



Ambassador Deborah L. Birx  
US Global AIDS Ambassador  
Office of the Global  
AIDS Coordinator  
Washington, DC, USA

Country-Level Impact on  
the Fast-Track Milestones



Yogan Pillay  
Deputy Director-General  
South African National  
Department of Health  
Pretoria, South Africa

Accelerating Urban AIDS Responses  
to Attain 90-90-90



Deputy Mayor Bernard Jomier  
Deputy Mayor  
City of Paris  
Paris, France

## Discussion

1:30 PM – 2:30 PM

Lunch

2:30 PM – 3:30 PM

"Game Changing" Innovations to Attain 90-90-90

#### Moderators



Gottfried Hirschall  
Director, Department of HIV and  
Global Hepatitis Programme  
World Health Organization  
Geneva, Switzerland



Owen Ryan  
Executive Director  
International AIDS Society  
Geneva, Switzerland

#### Presenters

Democratizing HIV Testing  
and Linkage to Care



Diane Havlir  
Professor of Medicine  
University of California, San Francisco  
San Francisco, CA, USA

Same-Day ART: Avoiding the  
HIV Diagnosis-Treatment Gap



Thabo Lejone  
Clinical Research Assistant  
SolidarMed  
Botha-Bothe, Lesotho

Community Health Workers:  
Strengthening the Safety Net



Badara Samb  
Director, Office of Special Initiatives  
Joint United Nations Programme on  
HIV/AIDS  
Geneva, Switzerland

#### Discussion

**3:30 PM – 5:00 PM**

National and Urban Innovations to Attain 90-90-90

**Moderators**



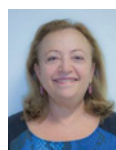
Solange Baptiste  
Executive Director  
International Treatment Preparedness  
Coalition  
Gaborone, Botswana



Stefano Vella  
Director, the Center for  
Global Health  
Istituto Superiore di Sanità  
Rome, Italy

**Presenters**

Brazil



Adele Benzaken  
Director, Department of STI, AIDS  
and Viral Hepatitis  
Ministry of Health  
Brasília, Brazil

Zimbabwe



Owen Mugurungi  
Director, AIDS & TB Programme  
Ministry of Health and Child Care  
Harare, Zimbabwe

Abidjan, Côte d'Ivoire and Dakar, Senegal



Daouda Diouf  
Director  
Enda Santé  
Dakar, Senegal

London, England



Jane Anderson  
Consultant Physician in HIV Medicine  
Homerton University  
London, England

New York, NY, USA



Denis Nash  
Professor of Epidemiology  
City University of New York  
New York, NY, USA

**Discussion**

**5:00 PM**

Adjourn



9:00 AM – 10:00 AM

Engaging with and Protecting Affected Communities to Reach the Three 90s and Achieve HIV Epidemic Control

## Moderators



Chris Beyrer  
Inaugural Desmond M. Tutu Professor  
Johns Hopkins University  
Baltimore, MD, USA



Flavia Kyomukama  
Programme Manager  
Women's Organization Network for  
Human Rights Advocacy  
Kampala, Uganda

## Presenters

GIPA, MIPA, and the Denver Principles:  
Strengthening Community Involvement across  
the Global AIDS Response



Laurel Sprague  
Executive Director  
Global Network of People Living  
with HIV  
Amsterdam, Netherlands

Advancing Reforms to Repeal Laws and  
Policies that Impede Equitable Access to HIV  
Services for All People



Kene Esom  
Executive Director  
African Men for Sexual Health  
and Rights  
Johannesburg, South Africa

Eliminating Stigma and Discrimination  
as Barriers to Accessing and Utilizing  
HIV Services



Cedric Nininahazwe  
Regional READY+ Project Manager  
Global Network of Young People  
Living with HIV  
Bujumbura, Burundi

## Discussion

**10:00 AM – 11:45 AM**

**Lifecycle and Population-Specific Challenges and Solutions to Achieve HIV Epidemic Control**

**Moderators**



Linda-Gail Bekker  
Deputy Director  
Desmond Tutu HIV Center  
Cape Town, South Africa



Nikos Dedes  
Founding Member and President  
Positive Voice  
Athens, Greece

**Presenters**

Children and Adolescents:  
Closing the Gaps



Juliet Houghton  
Country Director  
CHIVA South Africa  
Durban, South Africa

HIV and Aging: New Frontier,  
New Challenges



Pedro Cahn  
President  
Fundación Huésped  
Buenos Aires, Argentina

DREAMS: Addressing the Elevated Risk for  
HIV Infection among Young Women



Kawango Agot  
Director  
Impact Research and Development  
Organization  
Nairobi, Kenya

Men and HIV: An Unexplored  
“Key Population” Frontier to Attain  
90-90-90 and HIV Epidemic Control



Helen Ayles  
Professor of Infectious Diseases and  
International Health  
London School of Hygiene & Tropical  
Medicine  
London, England

MSM and 90-90-90: Overcoming Stigma,  
Discrimination, and Legal Barriers to HIV  
Service Access and Utilization



George Ayala  
Founding Executive Director  
Global Forum on MSM and HIV  
San Francisco, CA, USA

Using Nurse-Led, Home-Based HIV Care to  
Improve Adherence and Retention in Care  
among People Who Inject Drugs



Anna Deryabina  
Regional Director/Chief of Party  
ICAP Central Asia  
Almaty, Kazakhstan

**Discussion**



11:45 AM – Noon

Break

Noon – 1:30 PM

The Evolving HIV Treatment Landscape, 90-90-90, and Controlling the HIV Epidemic

## Moderators



Polly Clayden  
Co-Founder  
HIV i-base  
London, England



Benjamin Young  
Senior Vice President/  
Chief Medical Officer  
International Association of  
Providers of AIDS Care  
Washington, DC, USA

## Presenters

Evolving Paradigm: DTG, TAF,  
ARV Innovations,  
and HIV Epidemic Control



Francois Venter  
Deputy Executive Director,  
Wits Reproductive Health and  
HIV Institute  
University of the Witwatersrand  
Pretoria, South Africa

Differentiated HIV Service Delivery  
for Families and Key Populations



Thokozani Kalua  
Deputy Director, Department of  
HIV and AIDS  
Ministry of Health  
Lilongwe, Malawi

90-90-90 Plus: How PrEP Implementation  
Can Help to Get to Zero



Kenneth Mayer  
Founder, Co-Chair, and Medical  
Research Director  
Fenway Institute  
Boston, MA, USA

Beyond Antiretrovirals: Social/Behavioral  
Science for Attaining 90-90-90



K. Rivet Amico  
Research Associate Professor  
University of Michigan  
Ann Arbor, MI, USA

Focusing the AIDS Response with Phylogenetics:  
The Vancouver Experience



Jeffrey Joy  
Assistant Professor of Medicine  
University of British Columbia  
Vancouver, BC, Canada

## Discussion

## PROGRAM | SUNDAY, JULY 23, 2017

1:30 PM – 2:30 PM

Lunch

2:30 PM – 3:30 PM

Leveraging 90-90-90 to Advance Three Health-Related Sustainable Development Goals

### Moderators



Lucy Chesire  
Executive Director/Secretary  
Tuberculosis Advocacy Consortium  
Nairobi, Kenya



Mark R. Nelson  
Consultant Physician  
Chelsea and Westminster Hospital  
London, England

### Presenters

Tuberculosis: Opportunities and Challenges for Achieving HIV Epidemic Control



Sahu Suvanand  
Deputy Executive Director  
Stop TB Partnership  
Geneva, Switzerland

Scaling Up Chronic Care Systems: Leveraging HIV Programs to Support Noncommunicable Disease Services



Gerald Yonga  
Foundation Head of Research to  
Practice and Policy Unit  
NCD Alliance Kenya  
Nairobi, Kenya

HBV and HCV Elimination, 90-90-90, and Controlling the HIV Epidemic



Jeffrey Lazarus  
Associated Researcher  
Barcelona Institute for Global Health  
Barcelona, Spain

### Discussion

3:30 PM – 4:15 PM

Financing the Global AIDS Response in Uncertain Times

## Moderators



Greg Millett  
Vice President and Director,  
Public Policy  
Foundation for AIDS Research  
Washington, DC, USA



Matthew Kavanagh  
Senior Policy Analyst  
Health Global Access Project  
Philadelphia, PA, USA

## Presenters

Modeling the Impact and  
Economics of 90-90-90



Brian Williams  
Senior Research Fellow  
South African Centre for  
Epidemiological Modelling  
and Analysis  
Geneva, Switzerland

90-90-90 and the AIDS Response:  
Making the Investment Case to National  
Governments in Uncertain Times



David Ripin  
Executive Vice President of  
Access and Malaria and  
Chief Science Officer  
Clinton Health Access Initiative  
New York, NY, USA

## Discussion

4:15 PM – 4:45 PM

Highlights from the 2017 90-90-90 Targets Workshop



Sharonann Lynch  
HIV & TB Policy Advisor  
Médecins Sans Frontières  
New York, NY, USA



Jorge Saavedra  
Global Public Health Ambassador  
AIDS Healthcare Foundation  
Mexico City, Mexico

4:45 PM – 5:00 PM

Closing Remarks

90-90-90:  
No Progress Without Action



José M. Zuniga  
President/Chief Executive Officer  
International Association of  
Providers of AIDS Care  
Washington, DC, USA

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July 22-23, 2017 • Paris

The 2017 **90-90-90 Targets Workshop** is sponsored by the **International Association of Providers of AIDS Care (IAPAC)** and the **Joint United Nations Programme on HIV/AIDS (UNAIDS)**, in partnership with the **Global Network of People Living with HIV (GNP+)** and the **International AIDS Society (IAS)**. We wish to express our sincere gratitude to the institutional supporters and corporate sponsors whose generosity is making our 2017 Workshop possible.

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