

#IAPAC2018



2018  
CONTROLLING THE  
**HIV EPIDEMIC**  
**S U M M I T**

MAY 3-4, 2018 • GENEVA, SWITZERLAND

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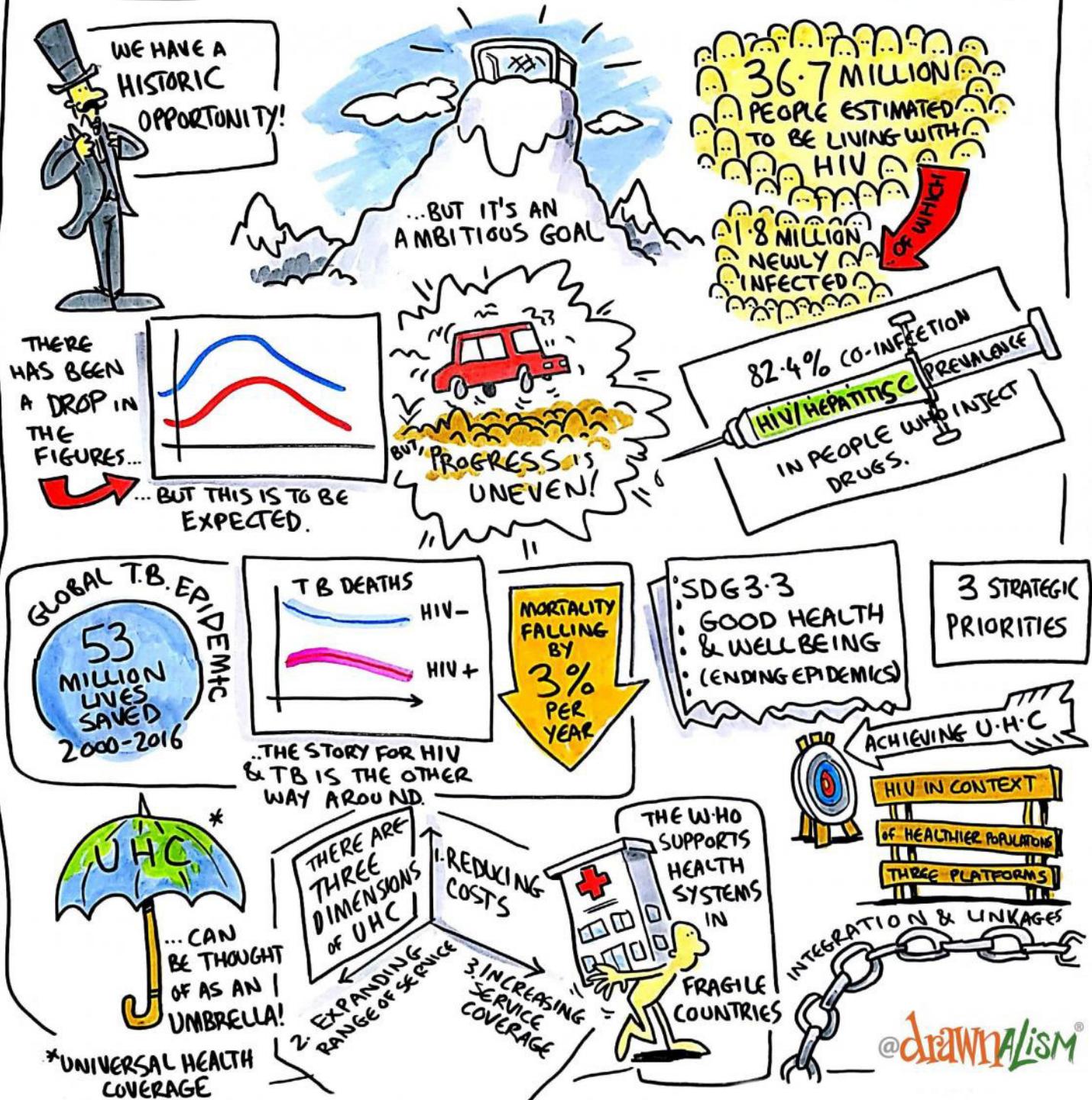
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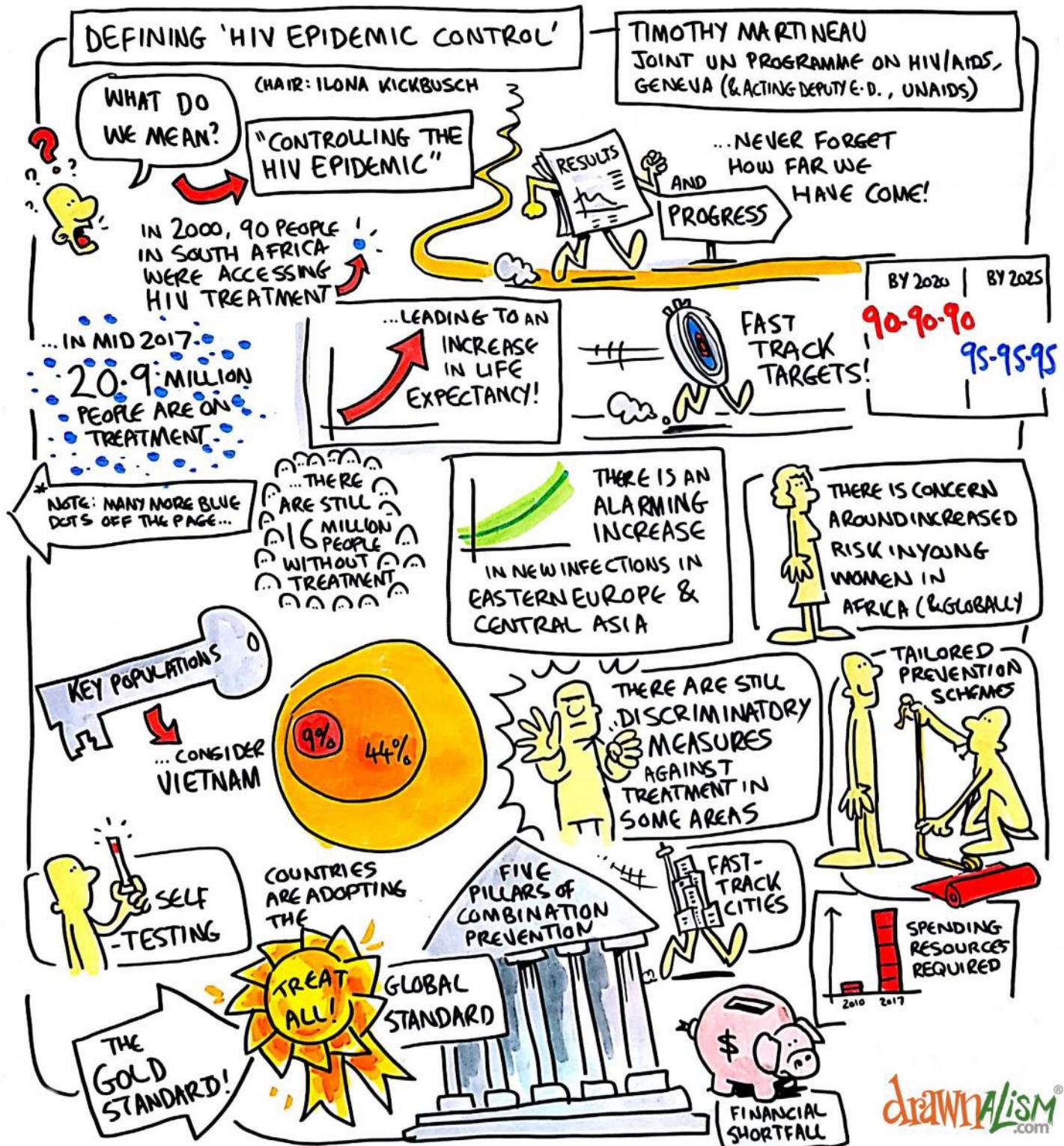
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SOUYMA SWAMINATHAN,  
WHO

KEYNOTE ADDRESS – THE HEALTH SDGs & UHC  
-RE-IGNITING POLITICAL WILL FOR ACTION



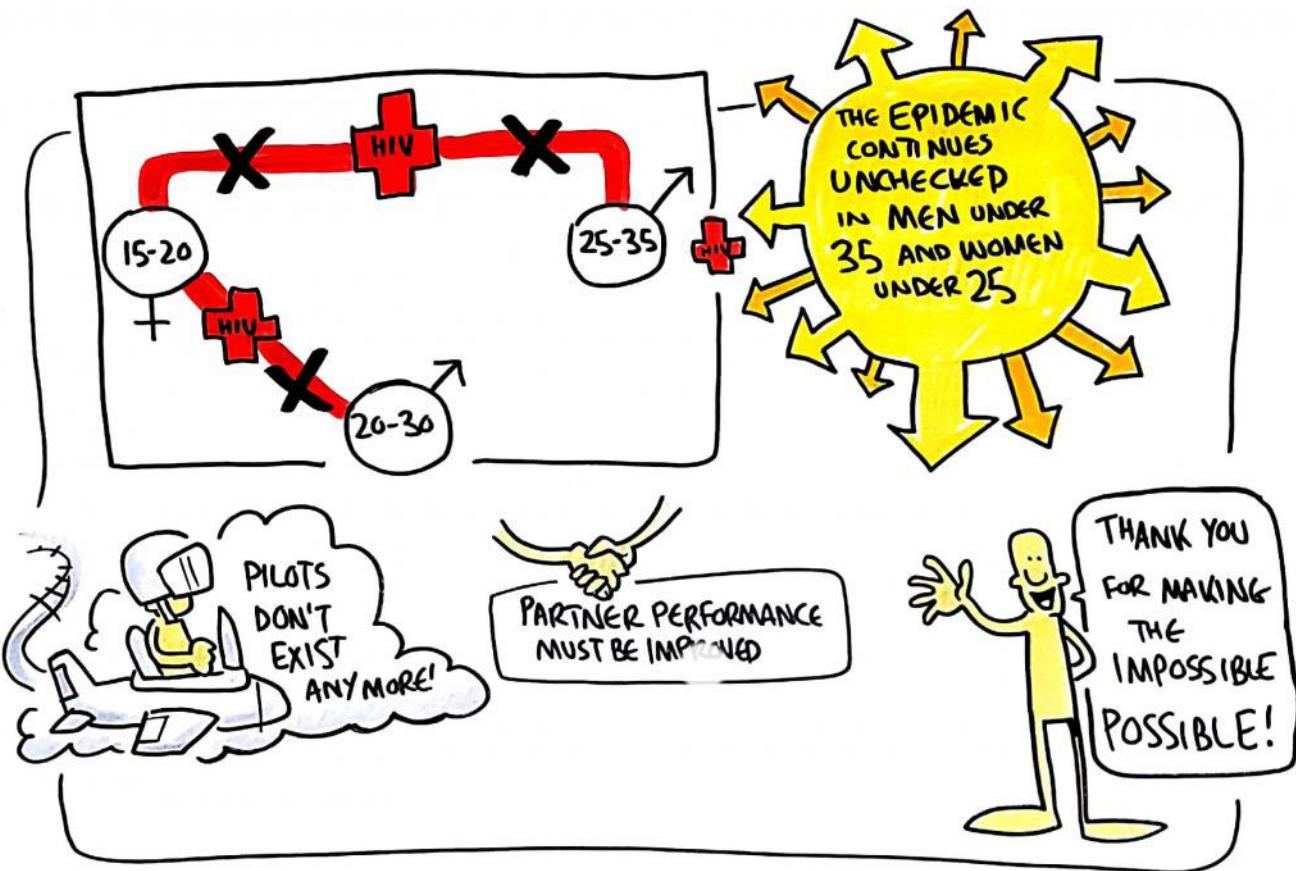
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## SETTING METRICS FOR SUCCESS

HIV EPIDEMIC TRANSITION: OVERVIEW OF EXISTING & PROPOSED METRICS

PETER GHYS  
UNAIDS, GENEVA

FRAMEWORK  
ZERO NEW INFECTIONS  
END THE EPIDEMIC BY 2030

25 OCT 2017 GLION MEETING  
'MAKING THE END OF AIDS REAL'

25 MAR 2018 MTAG MEETING ON MEASUREMENT OF POLICY, STIGMA & DISCRIMINATION

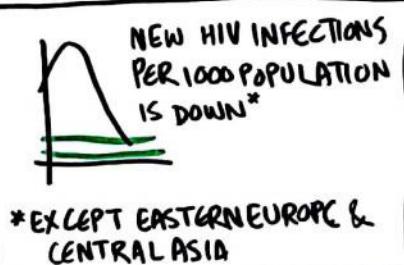
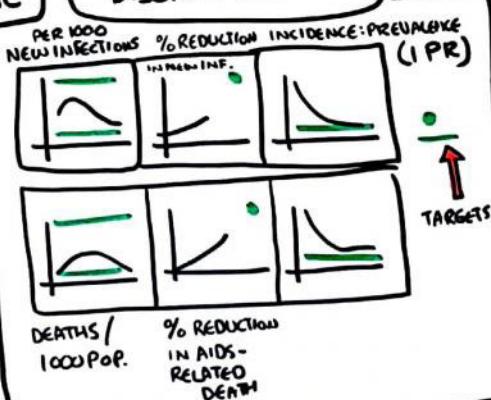
### METRICS FOR EPIDEMIC TRANSITION

• EXISTING: INCIDENCE RATE PER 1000 UNINFECTED

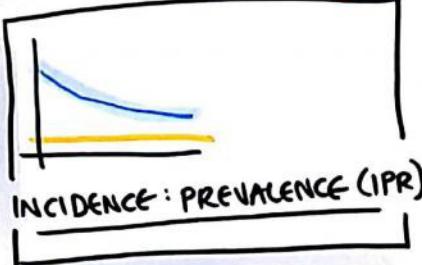
• EXISTING: AIDS-RELATED MORTALITY PER 1,000 POPULATION

% REDUCTION IN NEW INFECTIONS

% REDUCTION IN AIDS DEATHS



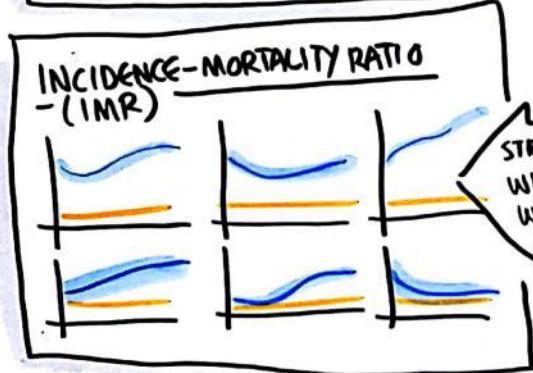
INCIDENCE-MORTALITY RATIO SHOWS SIMILAR RESULTS



### INTERPRETATION

RATIO OF NEW HIV INFECTIONS TO NUMBER OF PEOPLE LIVING WITH AIDS.

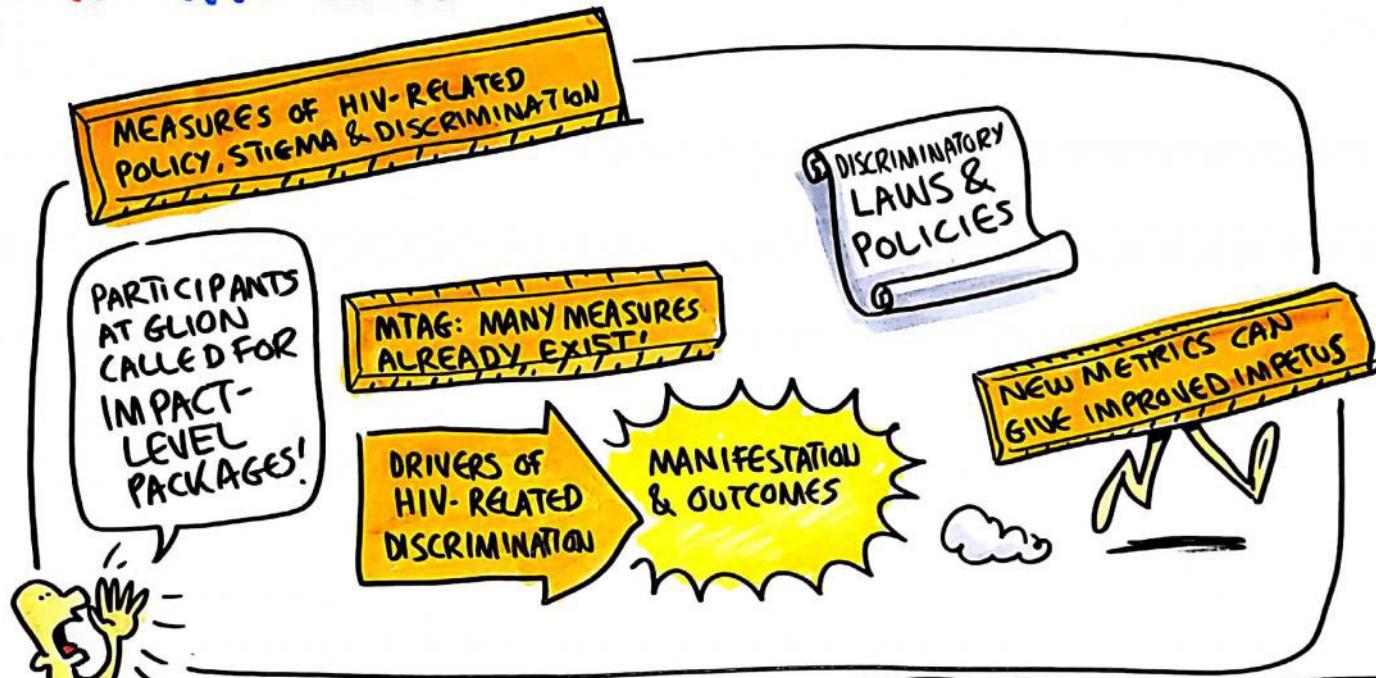
STRENGTH: IDENTIFIES EPIDEMIOLOGICAL SHIFTS



STRENGTH: IDENTIFIES WHEN HIV COSTS WILL DIMINISH

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PANEL: SETTING METRICS FOR SUCCESS  
ARE WE MEASURING WHAT MATTERS?

MODERATOR: JOSÉ M ZUNIGA, IAPAC

SOUTH AFRICA SHOWS THEIR DATA AS CIRCLES...



...AND OTHERS AS A CHART



ZAMBIA AS A MAP...

## PANELISTS

AMBASSADOR DEBORAH L. BLIX,  
PEPFAR, USA

GOTTFRIED HIRNSCHALL, WHO

TIMOTHY MARTINEAU, UNAIDS

PETER SANDS, GLOBAL FUND TO  
FIGHT AIDS, TB & MALARIA

LAUREL SPRAGUE, GLOBAL NETWORK  
OF PEOPLE LIVING WITH HIV,  
AMSTERDAM

WHO FOCUS ON...

1. SDGS & UHCs
2. NEW PROGRAMMING OF WORK (GPW)
3. GLOBAL HIV HEALTH SECTOR STRATEGY
4. HOW WE DELIVER DIFFERENTIATED SUPPORT

GPW

1 BILLION MORE PEOPLE WITH HEALTH COVERAGE

1 BILLION MORE PEOPLE MADE SAFER

1 BILLION LIVES MADE BETTER

UHC UMBRELLA

3D UHC

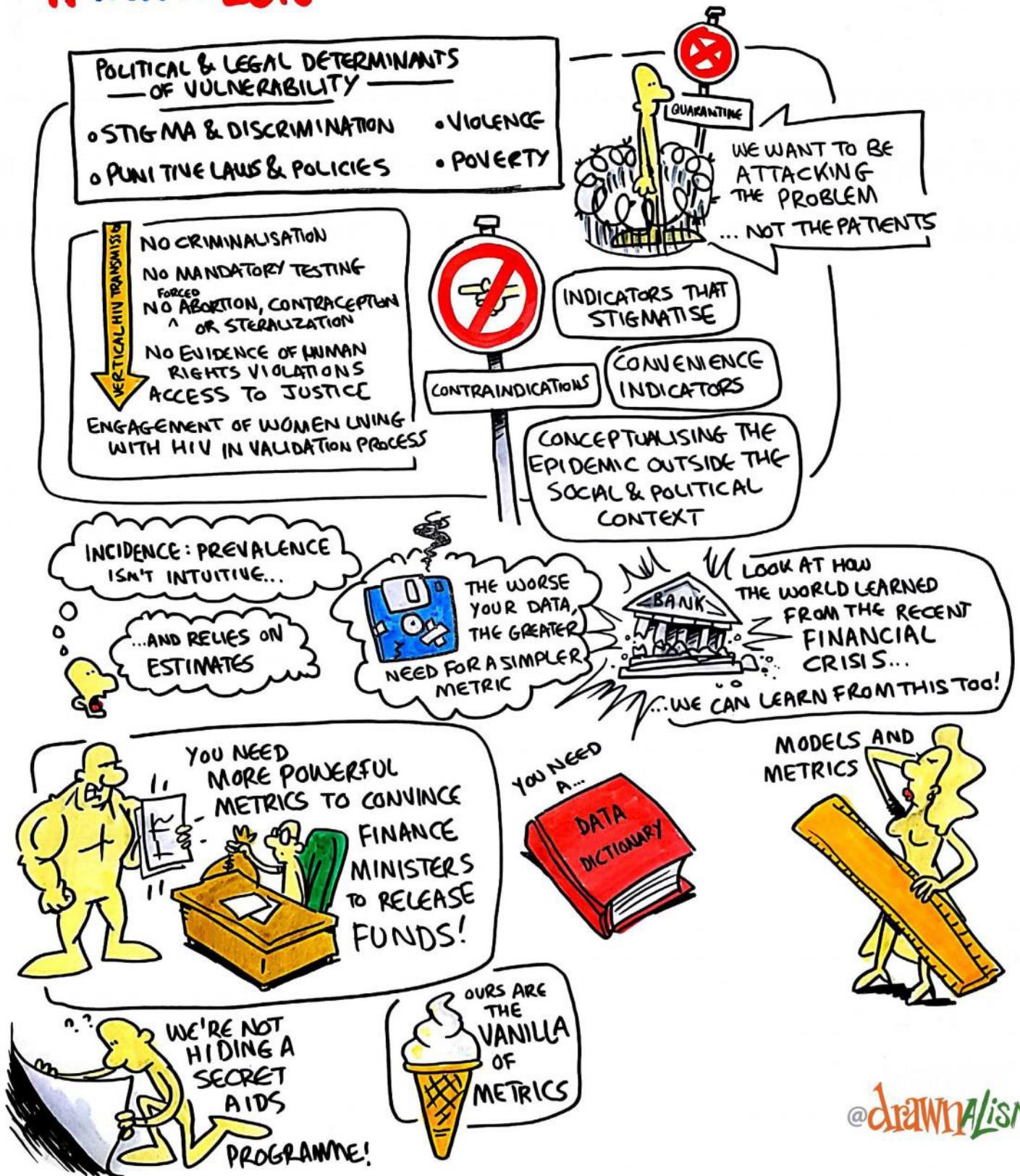
DIFFERENTIATED SERVICE DELIVERY

STRATEGY TARGETS

INTERVENTIONS FOR KEY POPULATIONS

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## FACILITATING HIV EPIDEMIC CONTROL

'BUSINESS UNUSUAL'- FINDING & TESTING THE HIV UNAWARES

NITIKA PANT PAI  
MCGILL UNIVERSITY

WE'VE BEEN DOING  
HIV SELF-TESTING  
(HIV ST)  
SINCE 2006

THERE ARE TWO  
STRATEGIES

UNSUPERVISED /  
UNASSISTED

FACILITATED /  
SUPERVISED /  
ASSISTED

CHALLENGES AND OPPORTUNITIES



INFO

STORAGE

LINKS TO CLINICS



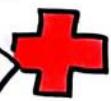
SO... WE TOOK  
THIS TO  
SOUTH AFRICAN  
TOWNSHIPS



AVAILABLE  
IN  
XHOSA  
ENGLISH  
AFRIKAANS  
...AND OTHER  
S.A. LANGUAGES

99%  
OF ALL  
PARTICIPANTS...

WERE LINKED TO CARE



SELF-TESTING

IS THE MIDDLE ROAD

CHOICE!

CONVENIENCE!

NEEDS TO  
INTEGRATE  
WITHIN  
EXISTING  
PROGRAMMES

HIVST'S  
NEED TO BE  
AFFORDABLE \$

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LONG-ACTING ANTIVIRALS - WHERE ARE WE HEADING? ARE WE READY?

CARL DIFFENBACH,  
NATIONAL INSTITUTES OF HEALTH,  
USA

WHAT PROBLEMS  
ARE LONG-ACTING,  
SUSTAINED RELEASE  
FORMULATIONS  
SOLVING?

NON-ADHERENCE  
TO DRUG  
REGIMENS  
IS A  
PROBLEM!

DOES LESS  
FREQUENT DOSING  
LEAD TO IMPROVED  
ADHERENCE?

YES!

THERE ARE  
MANY  
LONG-ACTING  
ANTIVIRALS  
IN  
DEVELOPMENT

SINGLE-  
DOSE  
DELIVERY  
PrEP

HOW  
OFTEN?

DAILY?  
WEEKLY?  
MONTHLY?

HPTN 083  
HPTN 084  
TRIALS  
CURRENTLY  
ON-GOING

WHAT IS THE UPPER LIMIT  
OF DRUG TOLERANCE

MONTHS

WE WANT TO  
KEEP PEOPLE  
IN THE GREEN  
ZONE!

18

WE NEED AN  
ORAL LEAD  
IN FOR  
INJECTABLE  
FORMULATIONS

WILL THIS  
METHODOLOGY  
HOLD  
WATER?

ACTG  
535  
PROTOCOL  
IN  
DEVELOPMENT

POTENCY & BREADTH  
OF HIV-1

PASSIVE  
ANTIBODY  
PREVENTION  
AS PrEP?

SANOFI/VRC  
TRI-SPECIFIC  
ANTI BODY

...THE THREE  
-HEADED MONSTER

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REACHING 90% OF PEOPLE AT RISK OF HIV WITH COMPREHENSIVE PREVENTION

KARL DEHNE, UNAIDS

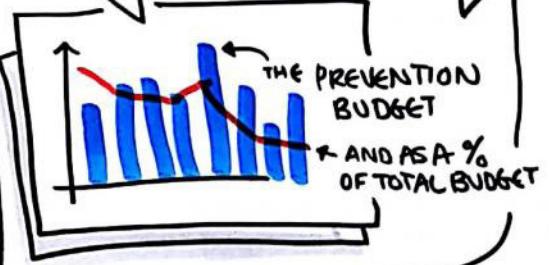
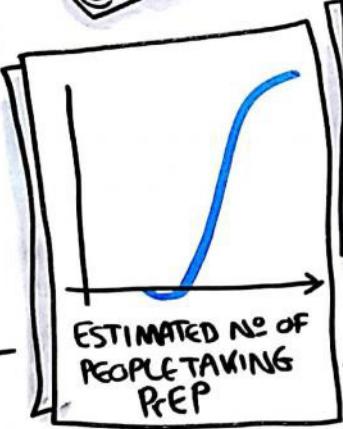
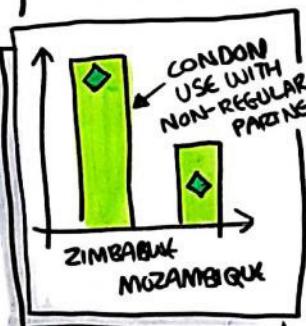
WHY PRIMARY PREVENTION?

NEW HIV INFECTIONS ARE NOT DECLINING FAST ENOUGH.



COUNTRY TARGETS

90% OF KEY POPULATIONS REACHED  
90% OF A YOUNG WOMEN IN PRIORITY SETTINGS  
90% OF MEN IS-49 CIRCUMCISED IN 14 COUNTRIES



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## FACILITATING HIV EPIDEMIC CONTROL (CONTINUED...)

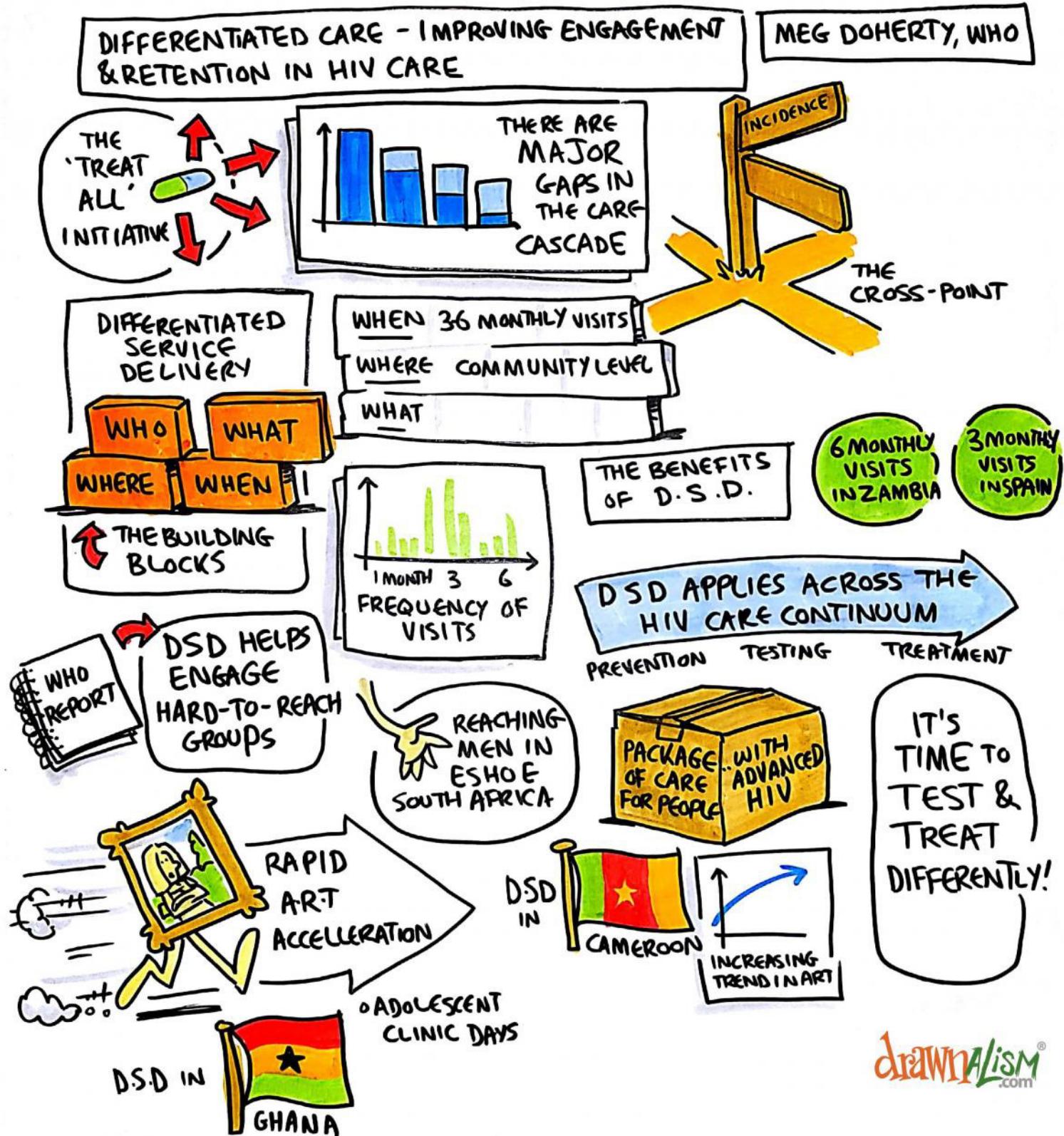
CHAIR: ALEXANDRA CALMY, GENEVA UNIVERSITY HOSPITALS

### INTEGRATING PrEP WITH EARLY ANTIRETROVIRAL THERAPY INITIATION

KENNETH MAYER,  
FENWAY INSTITUTE, USA



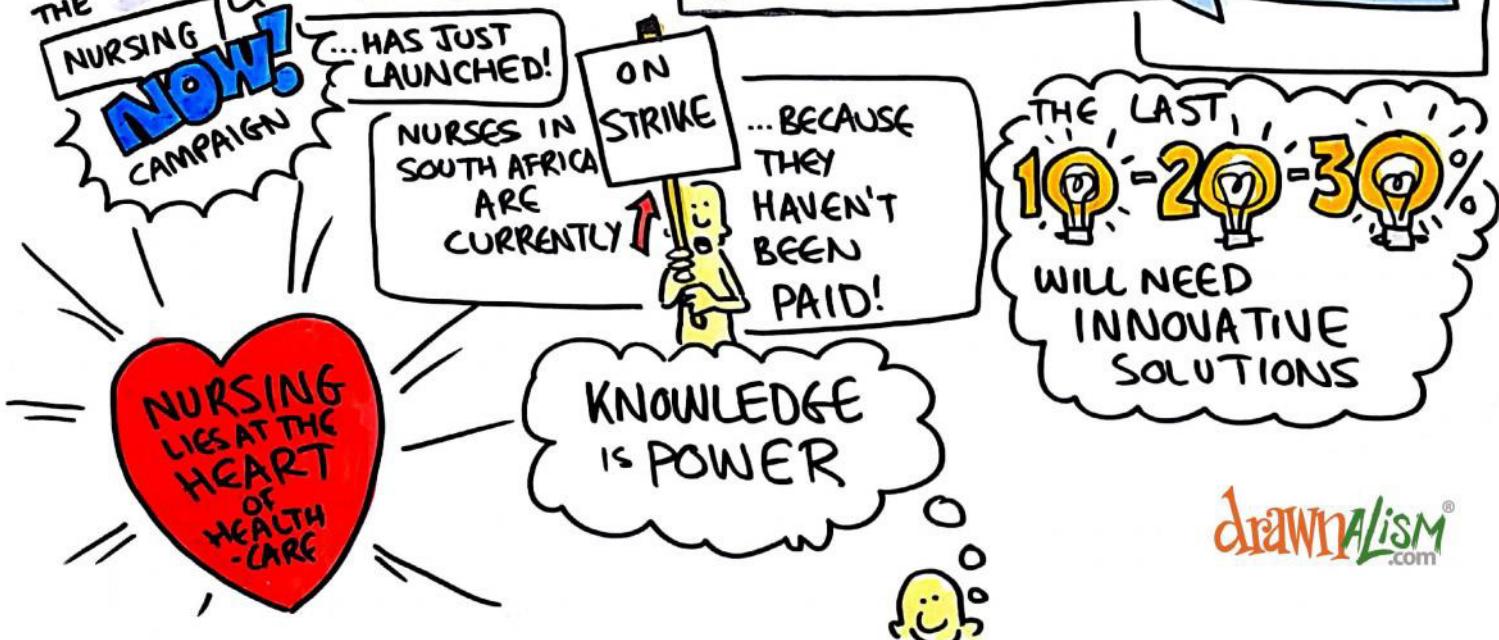
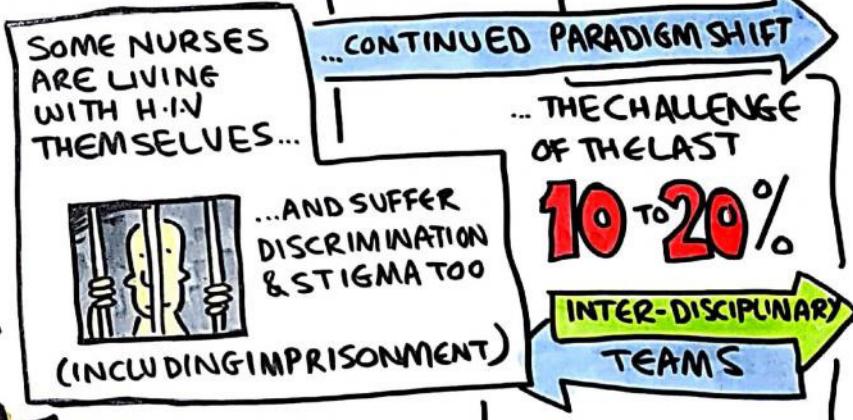
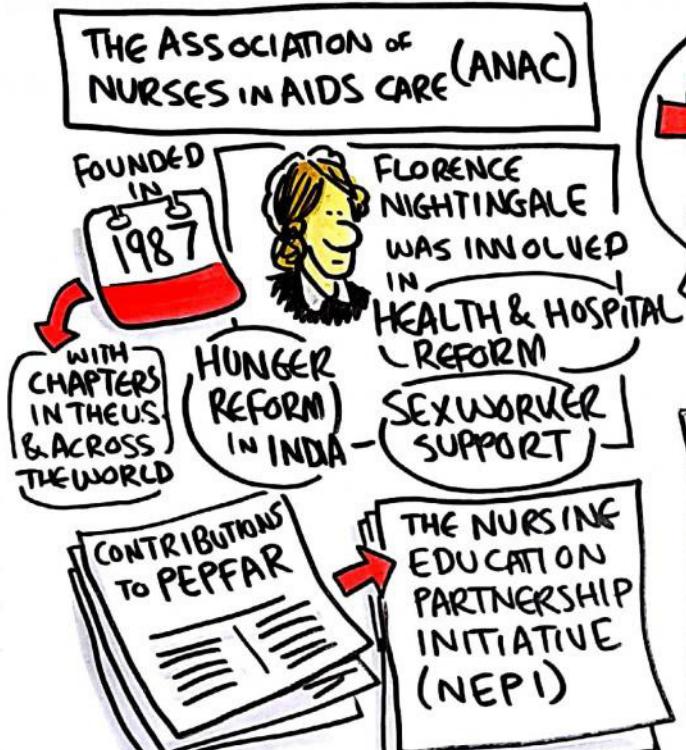
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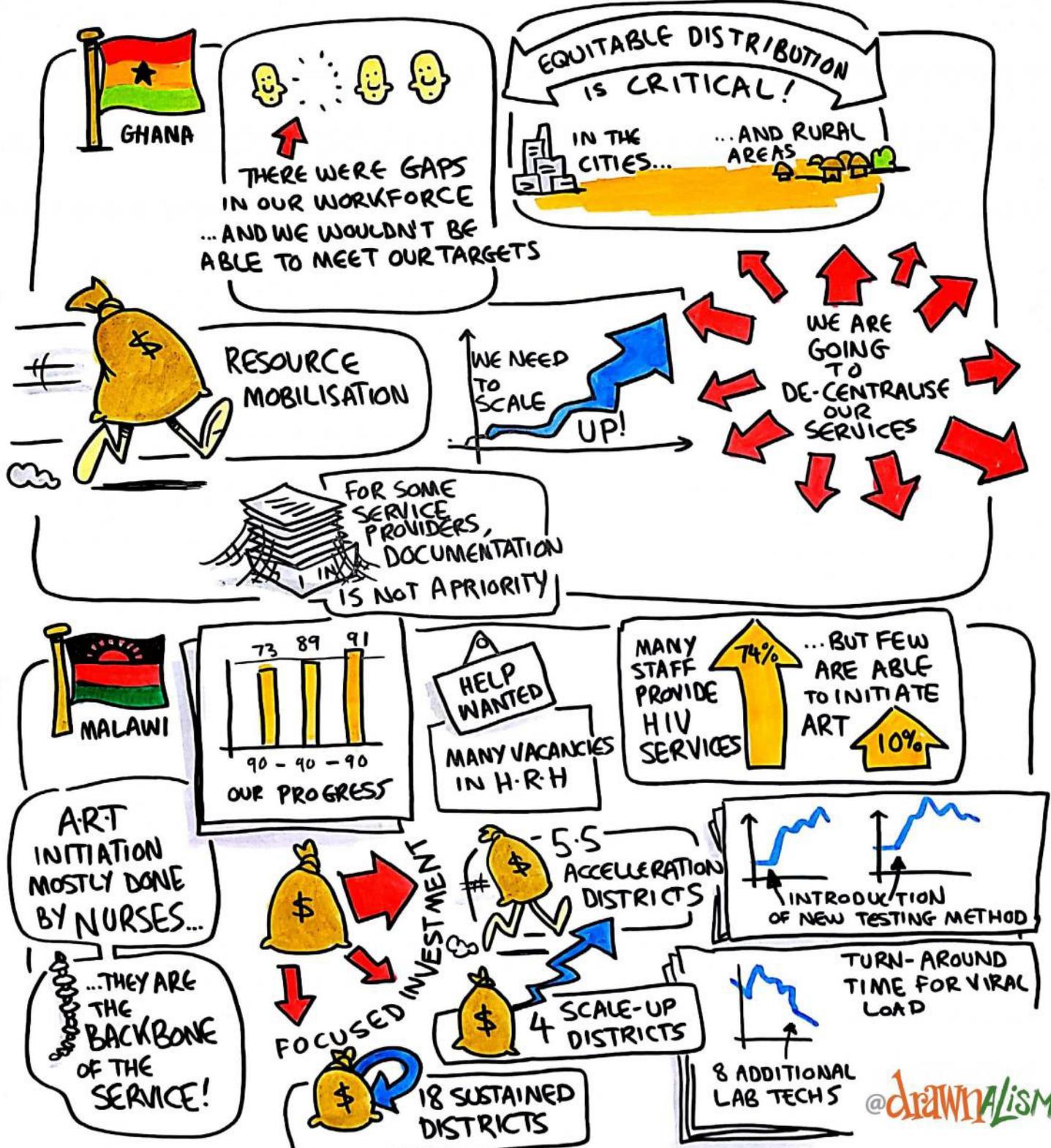
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## PANEL - OPTIMISING THE GLOBAL HEALTH WORKFORCE TO CONTROL THE HIV EPIDEMIC

MODERATOR: PAUL MARSDEN, WHO



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MALAWI (CONT...)

HRH INVESTMENT  
NEEDS RIGHT SIZING  
FOR MAXIMUM IMPACT

HRH AMONG THE  
KEY BARRIERS  
TO REACH  
**90-90-90**

HIV  
IS NO  
LONGER  
A DEATH  
SENTENCE

...BUT IS  
**90-90-90**

HIDING  
THE  
TRUTH?

YOU CAN'T RUN  
BEFORE YOU  
CAN CRAWL!

50%  
OF PEOPLE  
WITH HEP  
B/C HAVEN'T  
BEEN TESTED IT  
FOR IT IN  
BRIGHTON!

STIGMA  
AROUND  
STIs IS  
STILL  
AROUND

WE NEED TO  
CHANGE THE  
WAY WE  
LOOK!

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# 2018 CONTROLLING THE HIV EPIDEMIC SUMMIT

3-4 MAY 2018  
GENEVA  
DAY 2

LEAVING NO ONE BEHIND

STRENGTHENING COMMUNITY ENGAGEMENT ACROSS THE AIDS RESPONSE

LAUREL SPRAGUE, GLOBAL NETWORK OF PEOPLE LIVING WITH HIV, NETHERLANDS

DR. PATRICK WELSH  
IS THE REASON I'M STILL ALIVE

ME AND MY SON IN 1992

\* PLEASE USE 'VERTICAL TRANSMISSION', NOT 'MOTHER-TO-CHILD TRANSMISSION'.

CHAIR: DEBORAH VON ZINKERNAGEL,  
UN-AIDS, GENEVA

DON'T FORGET...  
1 7 4 2  
THESE NUMBERS ARE PEOPLE!

DISCRIMINATION HAS A POWERFUL IMPACT ON THE ABILITY TO TREAT HIV!

...AS DOES STIGMA!

COMMITMENTS  
• TREATMENT  
• HUMAN RIGHTS  
• FUNDING

PROMISES → ADHERENCE  
BY GOVERNMENTS!

DRUG STOCK LEVELS!

STOCK OUT MONITORING!

ADVOCACY FOR HEALTH!



MEXICO  
VERACRUZ  
UNCONSTITUTIONAL

PROSECUTIONS

STIGMA AFFECTS HIV CARE CASCADE

GLOBAL MEN'S HEALTH SURVEY

\$10K PER YEAR

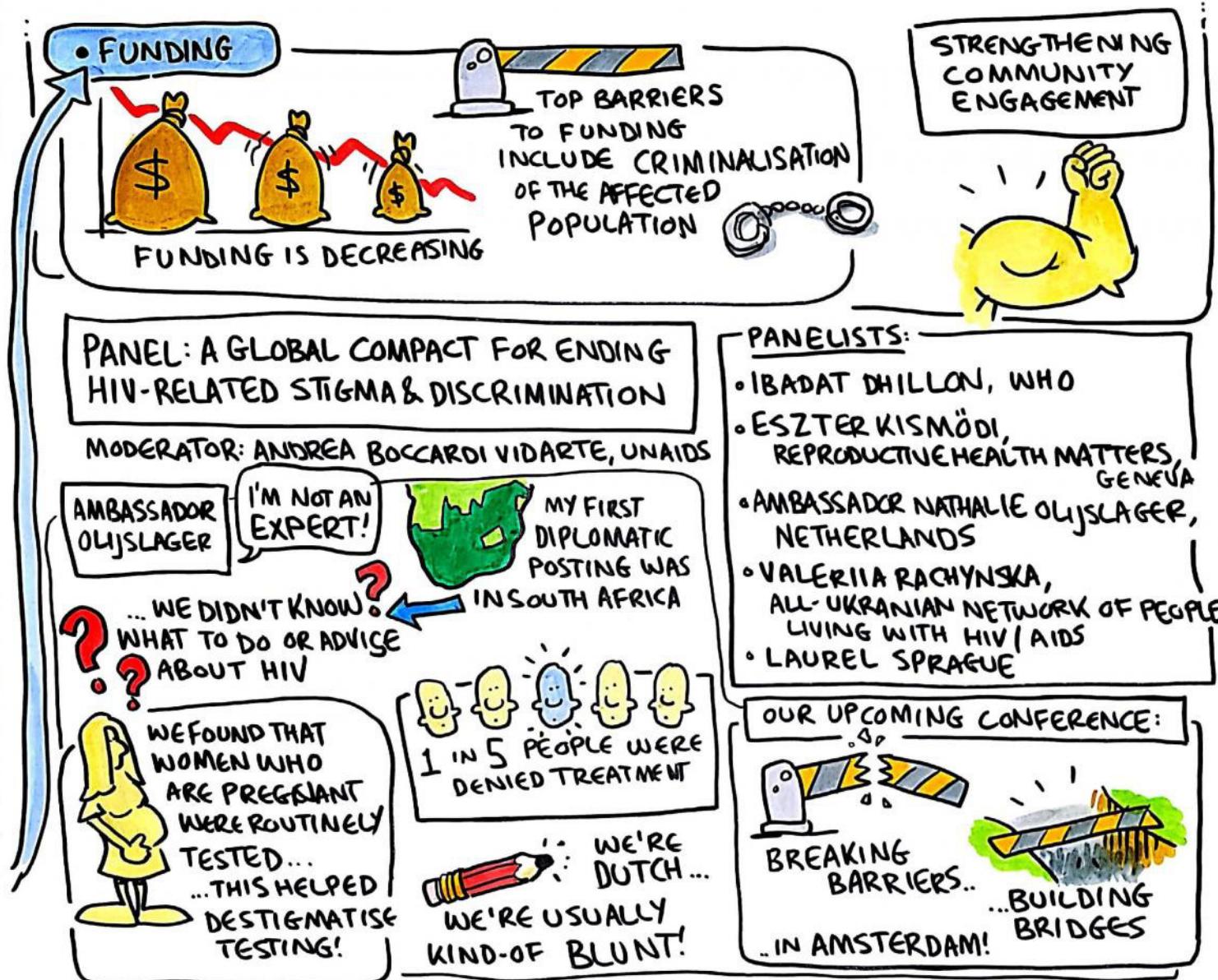
- COST REDUCTIONS  
→ \$100.00 PER YEAR

PLHIV STIGMA INDEX

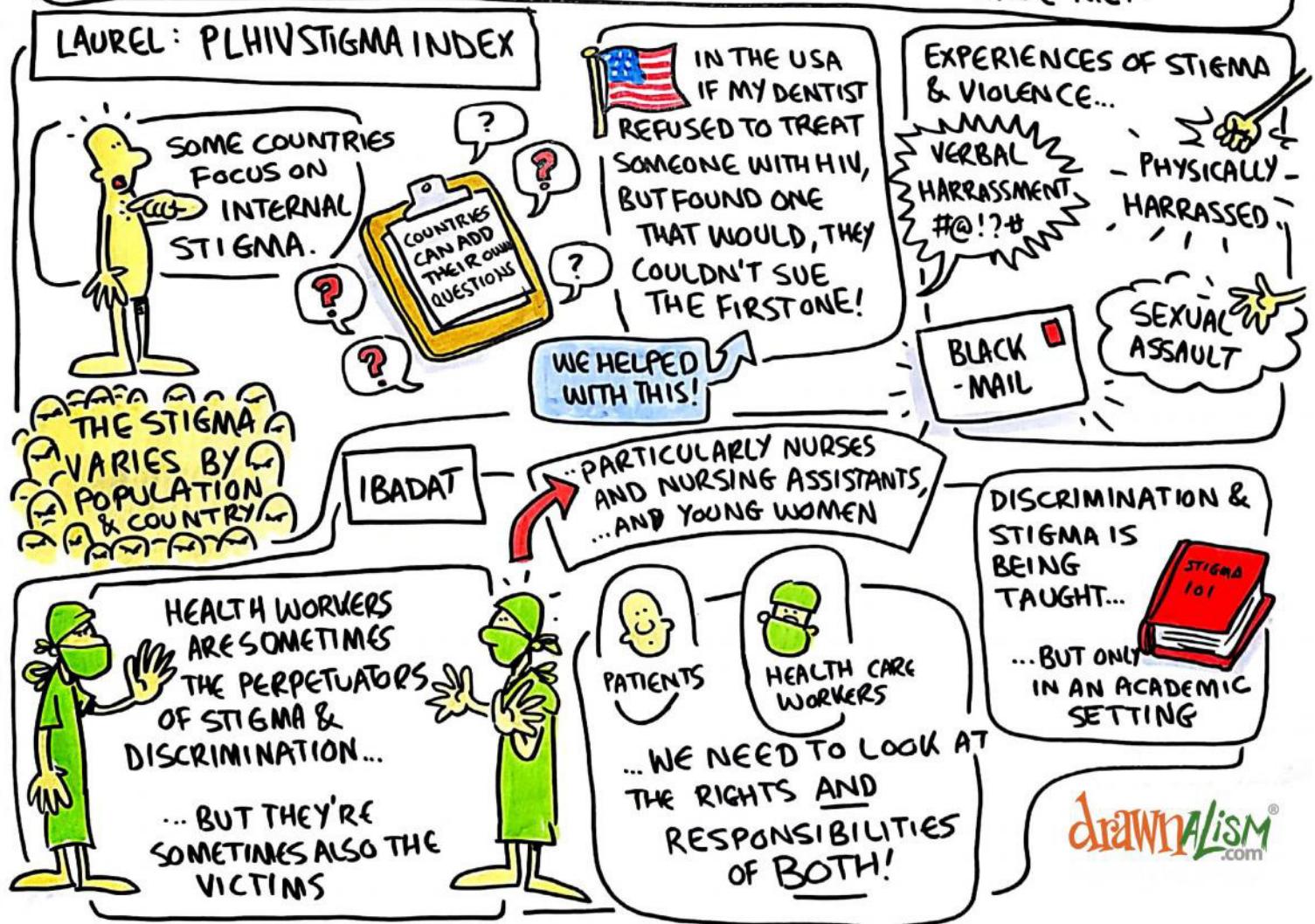
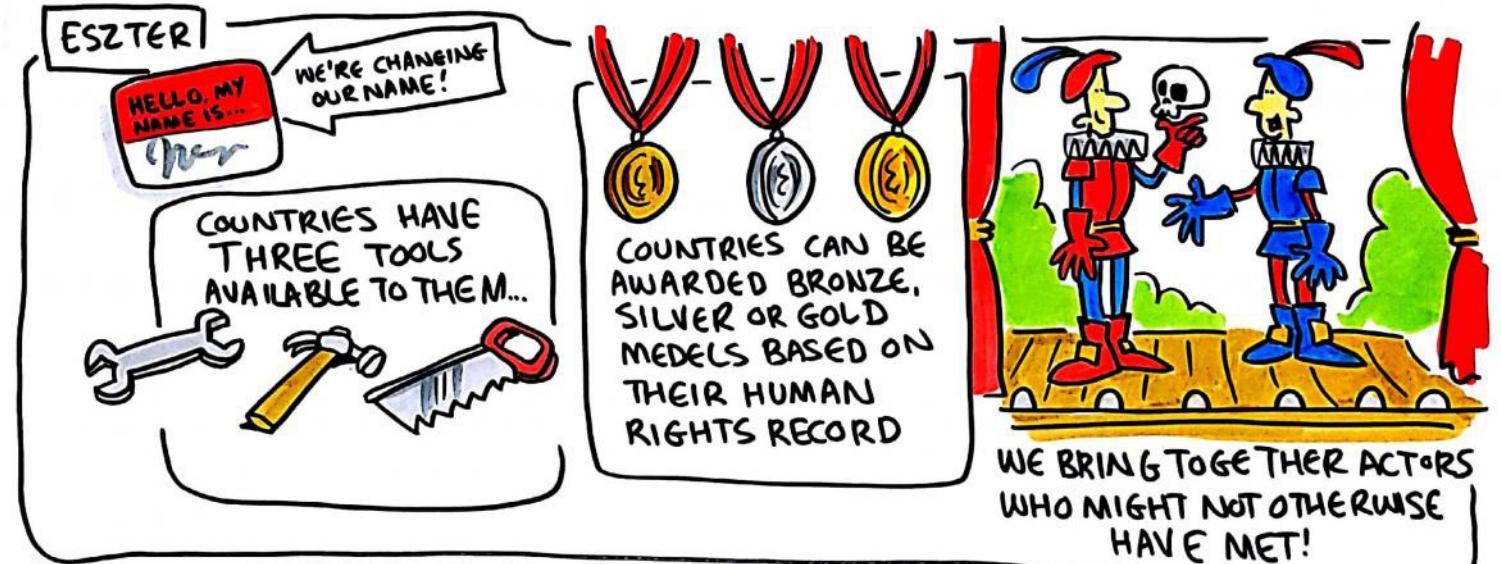
PLHIV STIGMA INDEX  
2.0

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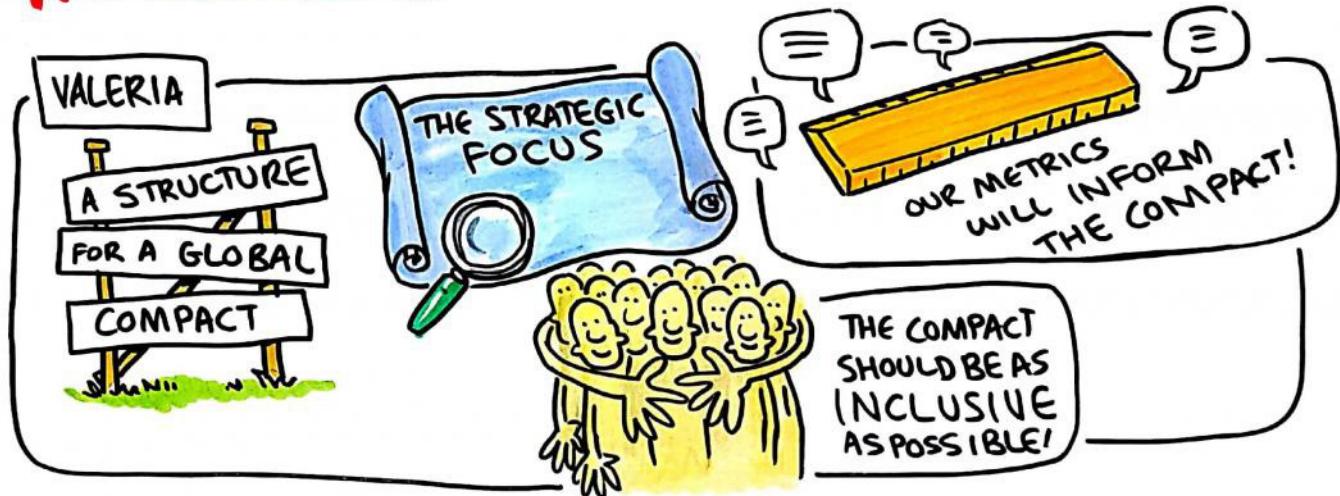
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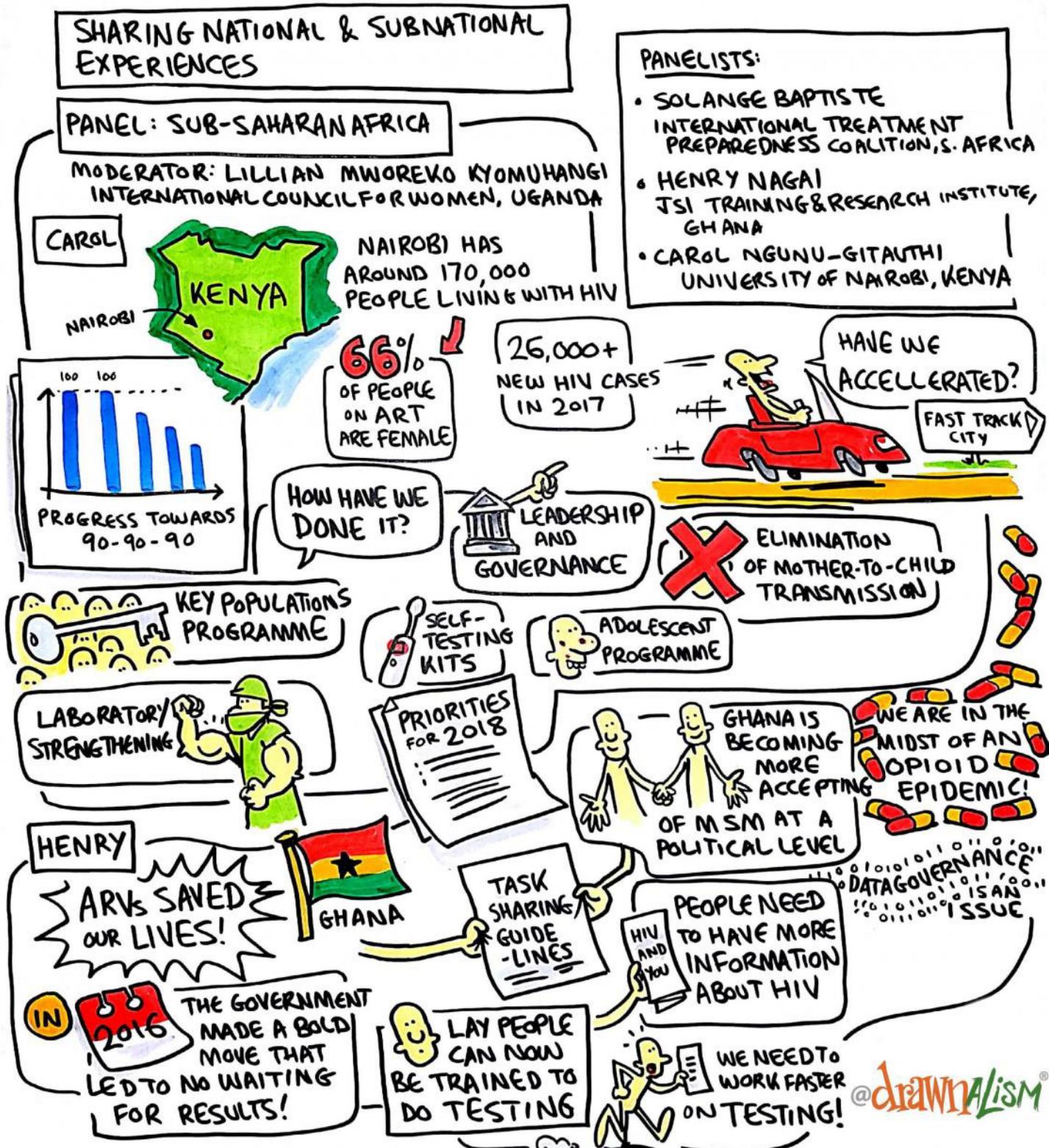


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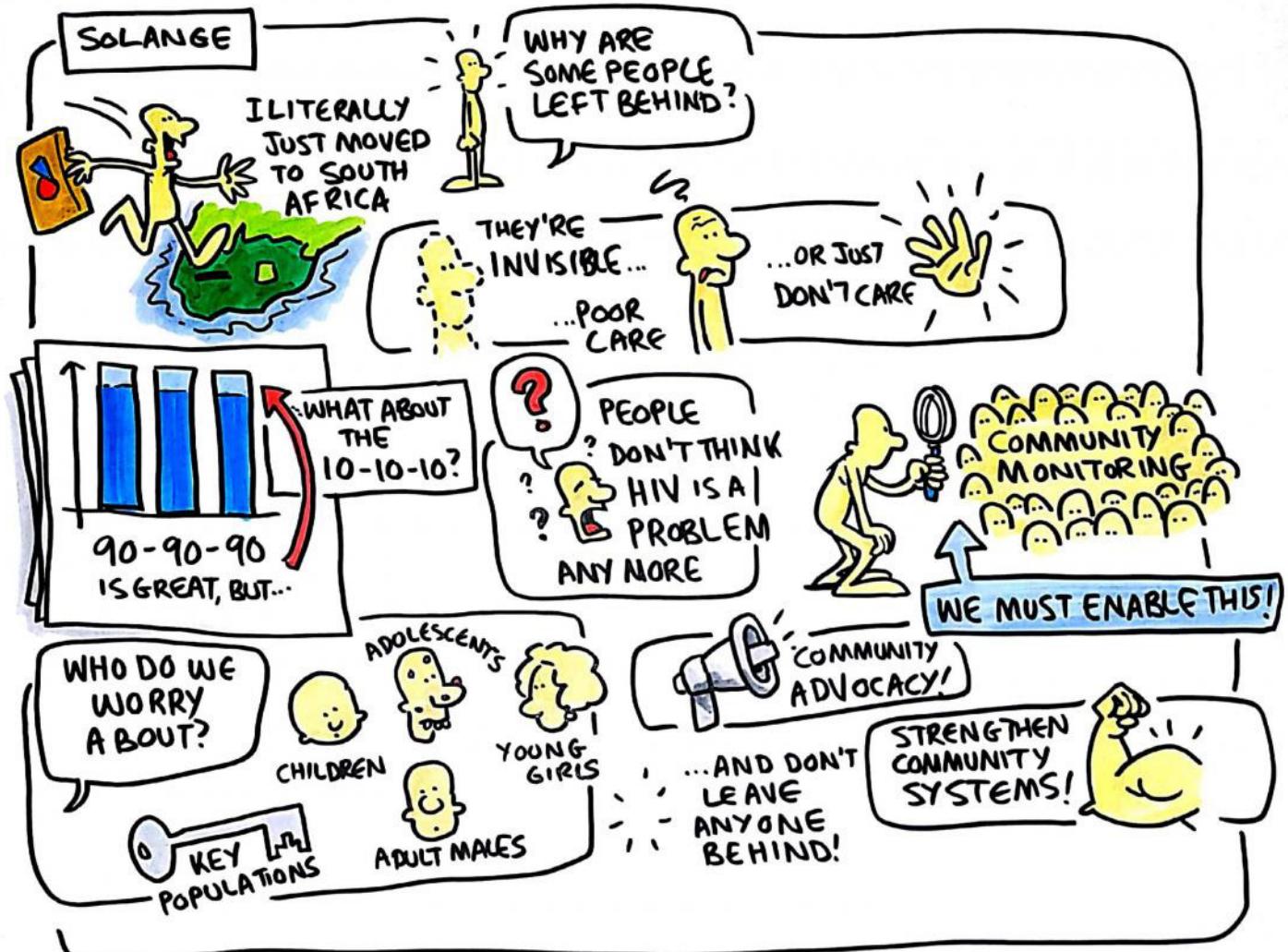


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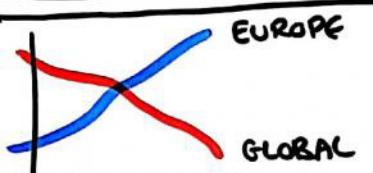


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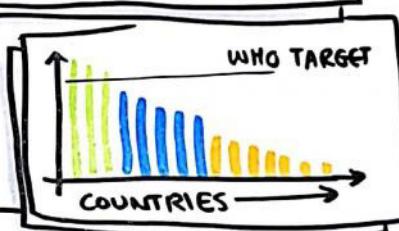
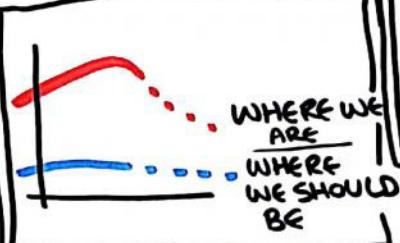
## PANEL: WESTERN & EASTERN EUROPE

MODERATOR: ANNA ZAKOWICZ,  
AIDS HEALTHCARE FOUNDATION, NETHERLANDS

ANASTASIA



WE ARE THE ONLY REGION  
WHERE NEW INFECTIONS  
ARE INCREASING –  
PARTICULARLY IN THE EAST



SVITLANA

WOMEN  
AND HIV

WOMEN LIVING  
WITH HIV IN  
UKRAINE

14% OF  
HIV CASES  
IN KAZAKHSTAN  
ARE AMONGST  
WOMEN DRUG USERS...

...BUT WE  
DON'T  
KNOW  
HOW MANY  
WOMEN  
DRUG USERS  
THERE ARE  
? ? ? ? ?

42%  
LEARNED  
ABOUT THEIR  
HIV STATUS  
DURING  
PREGNANCY



83% OF WOMEN WHO  
USE DRUGS IN  
UKRAINE HAVE  
ENCOUNTERED POLICE  
VIOLENCE



THE HIV  
CRIMINALISATION  
SCAN FOCUSED  
ON 7 COUNTRIES  
Belarus  
Bulgaria  
Hungary  
Romania  
Russia  
Ukraine  
Yugoslavia

...AND CREATES A  
FALSE SENSE OF SECURITY

## PANELISTS:

- SVITLANA MOROZ  
EURASIAN WOMEN'S NETWORK  
ON AIDS, GEORGIA
- ANASTASIA PHARRIS  
EUROPEAN CENTRE FOR DISEASE  
PREVENTION & CONTROL, SWEDEN
- BRYAN TEIXEIRA  
EUROPEAN AIDS TREATMENT GROUP,  
BELGIUM

BRYAN

- WE ARE -  
EUROPEAN  
GROUP



90-90-90

95-95-95

WE NEED TO START  
FOCUSING ON THIS!

ZERO?

DISCRIMINATION

THERE IS NO TARGETTED RESPONSE  
TO THE DIVERSITY OF THE  
EUROPEAN REGION

## SUCCESES

ON STIGMA, DISCRIMINATION  
& HUMAN RIGHTS



NEED TO:  
ADDRESS BARRIERS



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## SHARING NATIONAL & SUBNATIONAL EXPERIENCES (CONTINUED...)

CHAIR: PETER GODFREY-FAUSSETT, UNAIDS

PANEL: ASIA-PACIFIC

MODERATOR: MIDNIGHT  
POONKASETWATTANA,  
ASIA PACIFIC COALITION ON MALE  
SEXUAL HEALTH, THAILAND

JENNIFER



AUSTRALIA HAS  
A UNIQUE  
EPIDEMIOLOGY

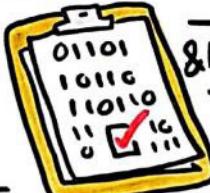
90-90-90

WAS ACHIEVED IN  
VICTORIA IN 2015

WHAT HAS  
WORKED  
... AND WHY?



INVESTMENT IN  
THE PARTNERSHIP  
APPROACH



& A COMMITMENT  
TO 'GOOD  
DATA'

WHAT  
ISN'T?



GBM UNDIAGNOSED  
14.5% → 7%, BUT



NEWLY  
DIAGNOSED  
INFECTIONS  
IS UP!

CAN AUSTRALIA  
ELIMINATE NEW  
INFECTIONS?

HOW CAN  
VICTORIA/  
AUSTRALIA  
ACHIEVE A  
75% REDUCTION  
BY 2020?

90-90-90

WILL REDUCE THIS BY APPROX. 17%



THERE ARE  
BARRIERS!

A HOMOGENOUS  
(GAY) EPIDEMIC  
MARGINALISES  
OTHER COMMUNITIES



...BUT IT (& OTHER  
MEASURES)  
ISN'T ENOUGH!



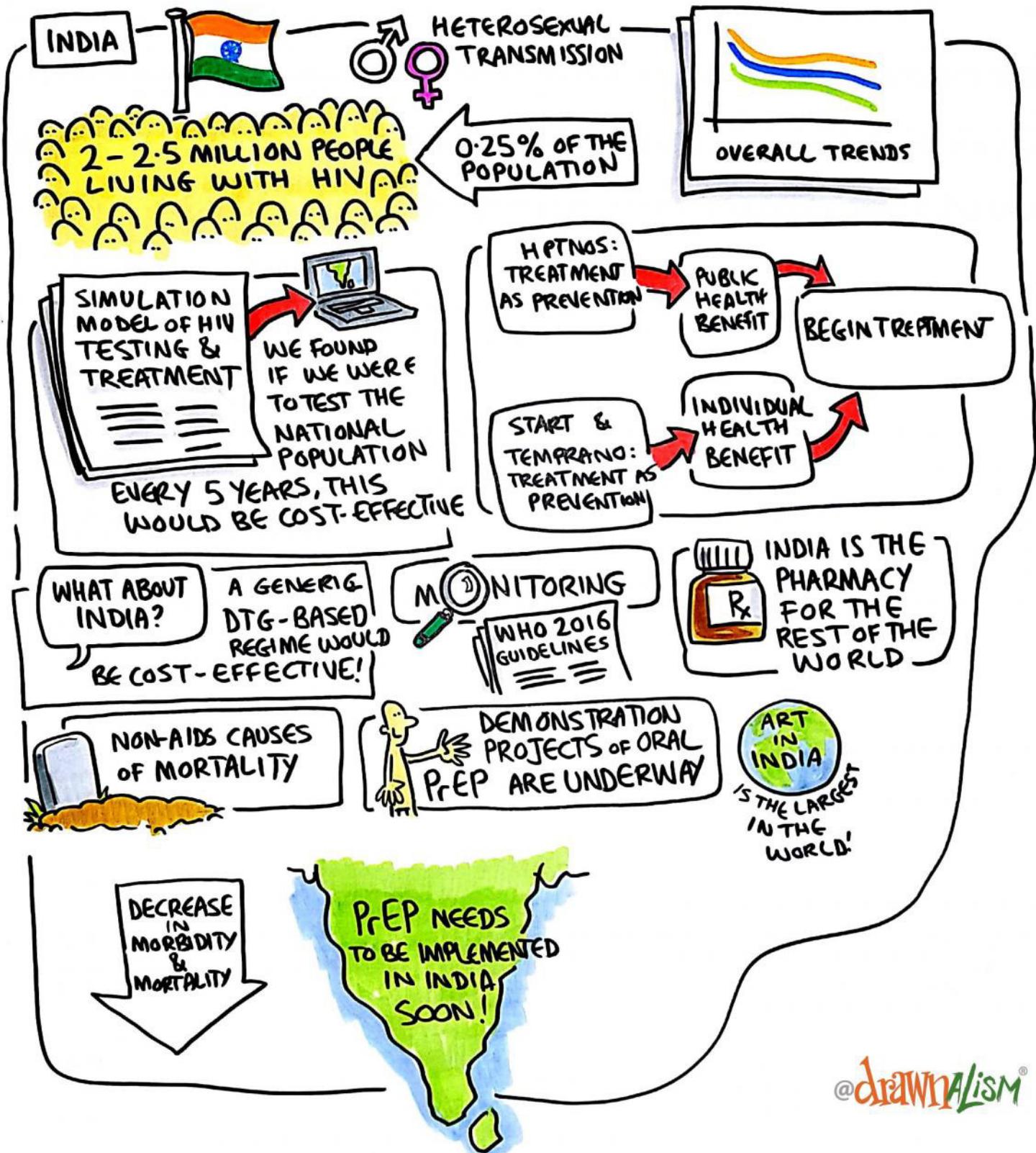
THERE  
ARE SPORADIC  
CLUSTER  
OUTBREAKS



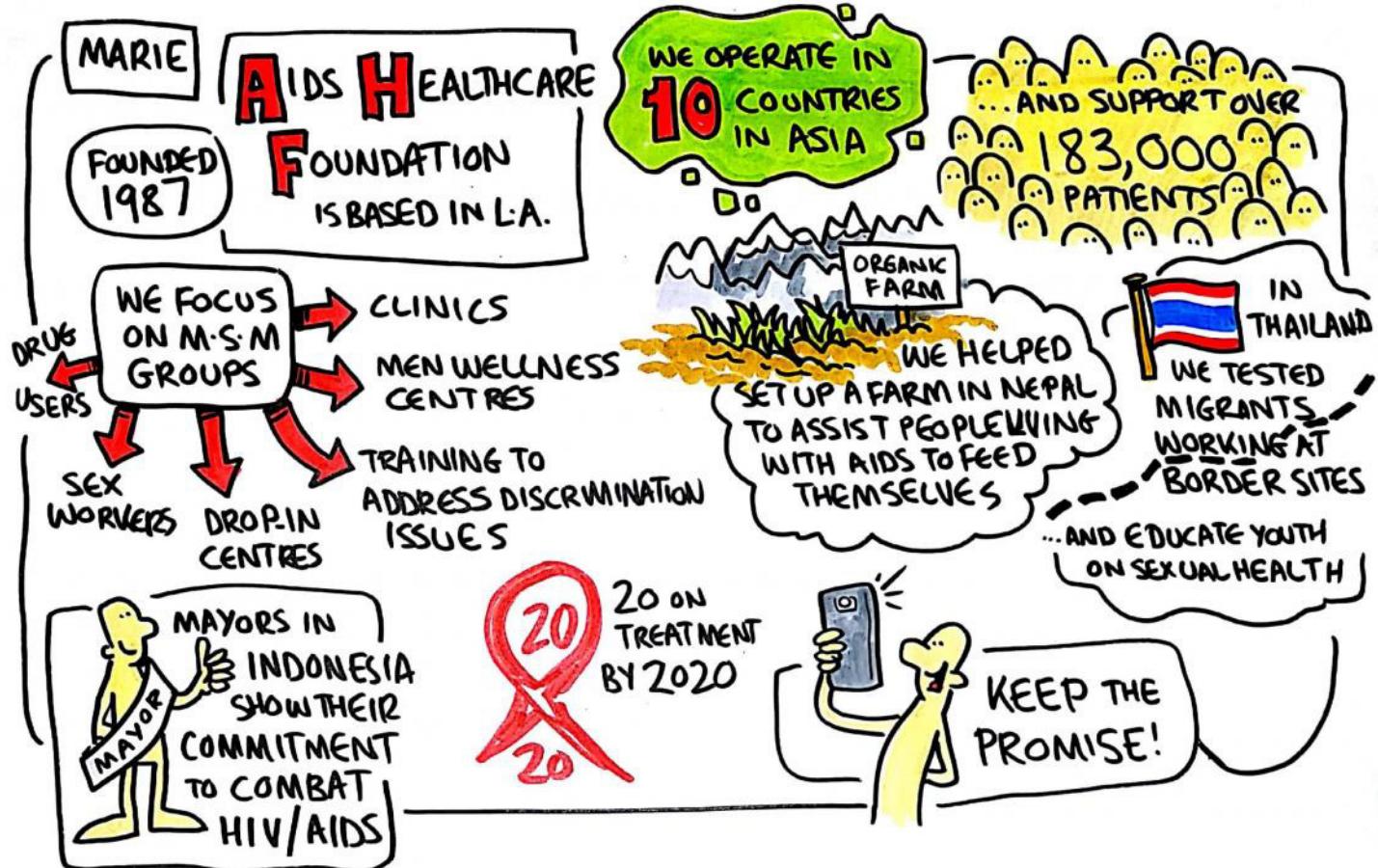
### PANELLISTS:

- JENNIFER HOY  
MONASH UNIVERSITY,  
AUSTRALIA
- MARIE KO  
AIDS HEALTHCARE  
FOUNDATION, HONG KONG
- N. KUMARASAMY  
Y.R. GATTONDE CENTRE  
FOR AIDS RESEARCH &  
EDUCATION, INDIA

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## PANEL: AMERICAS & THE CARIBBEAN

MODERATOR: BRUN GONZÁLEZ AGUILAR,  
ESPOLEA, MEXICO

REPLACED  
BY PETER  
FIGUEROA,  
JAMAICA

### PANELISTS:

- CELIA CHRISTIE-SAMUELS  
UNI. OF THE WEST INDIES, JAMAICA
- IRENE HALL,  
CENTRES FOR DISEASE CONTROL  
& PREVENTION, USA
- FERNANDA RICK,  
MINISTRY OF HEALTH, BRAZIL

PETER  
(VIA THE INTERNET)

CURBING HIV IN  
THE CARIBBEAN

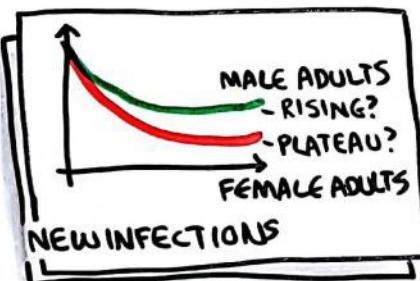
TECHNICAL  
DIFFICULTIES

49%  
DECLINE  
IN  
INCIDENCE

DECLINE  
IN  
MORTALITY

...BUT TOO MANY PEOPLE  
ARE BECOMING INFECTED

...AND TO MANY PEOPLE  
ARE UNAWARE OF THEIR STATUS



JAMAICA  
HAS A  
SIGNIFICANT  
PROBLEM.

IT'S  
PRIMARILY  
HETEROSEXUAL  
INFECTION...  
...BUT THE  
PICTURE IS  
VARIED.  
ACROSS THE CARIBBEAN

- THERE ARE  
CULTURAL &  
SOCIAL FACTORS

THE  
RISK  
DATA  
SHOWS THE  
EPIDEMIC  
IS SHIFTING.

HIGH-RISK  
BEHAVIOUR  
INCLUDES:

- UNPROTECTED SEX  
WITH SEX WORKERS
- CRACK COCAINE

HOW DO WE  
REACH  
THOSE MOST  
AT RISK?

58%  
OF GAY  
MEN

ANNUAL  
HIV  
INCIDENCE  
6%

2 LANDMARK  
LEGAL  
CASES

...THERE IS A WIDE RANGE  
OF PLACES WHERE PEOPLE  
GO LOOKING FOR SEX

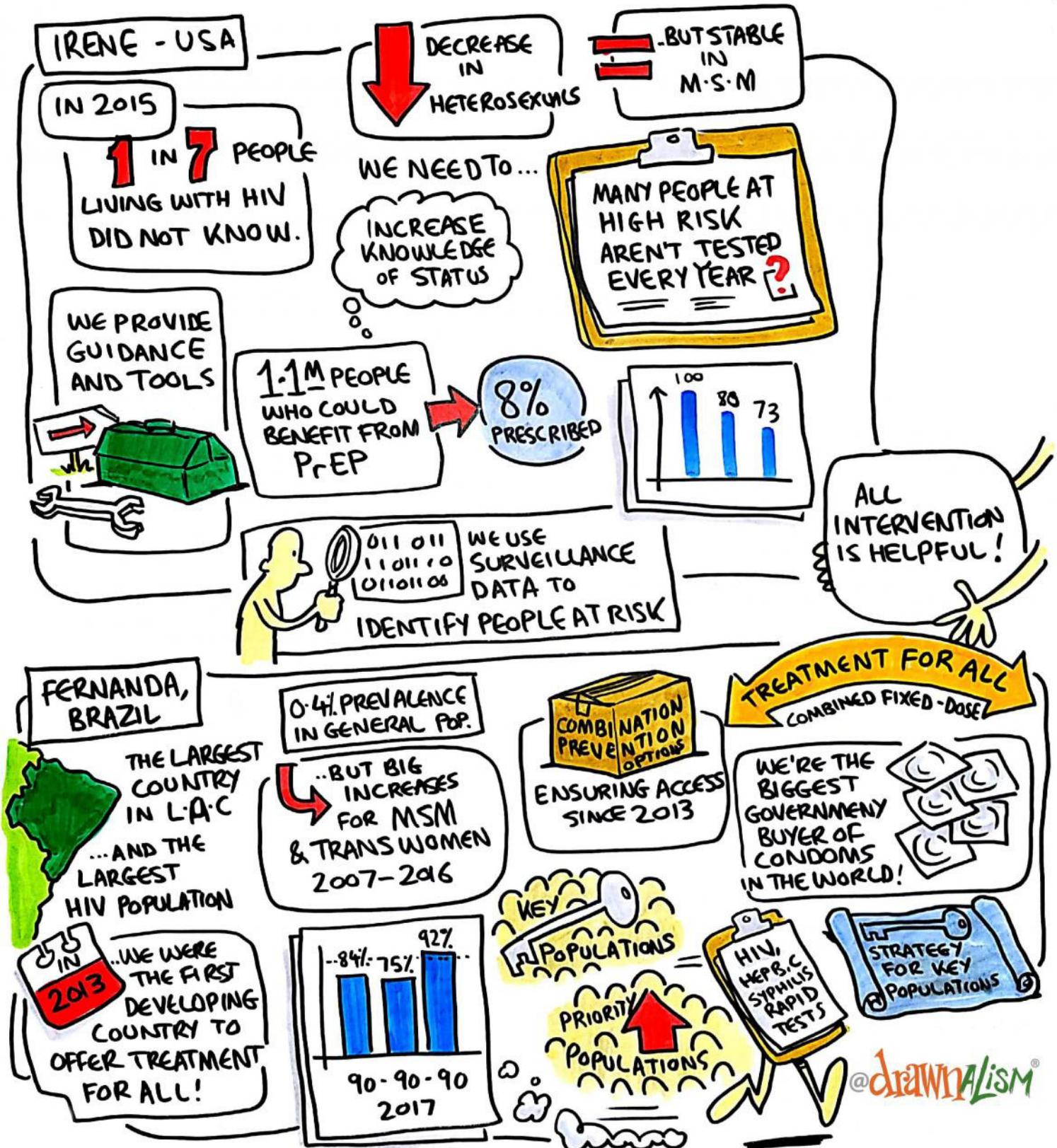
THOUGHT  
THEY HAD  
NO  
CHANCE  
OF BEING  
INFECTED!

MUCH HAS BEEN DONE...

...BUT WE NEED TO DO BETTER



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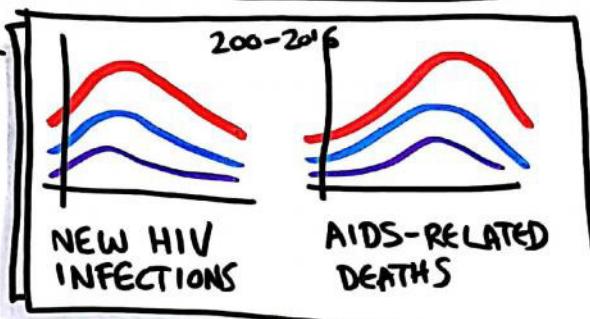
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## MAPPING THE WAY FORWARD

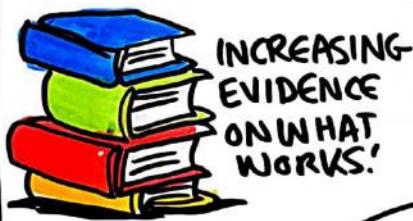
CHAIR: JOSÉ M ZUNIGA, IAPAC

WHICH SCALE-UP STRATEGIES / PROBLEMATIC MIXES ARE MOST COST-EFFICIENT

IMPACT!



THERE IS NOT  
ONE SINGLE BULLET  
THAT WILL SOLVE  
THE PROBLEM.

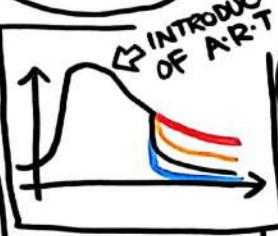


SOUTH AFRICA  
INVESTED IN  
A RIGOROUS  
SELECTION  
OF  
INTERVENTIONS

REDUCTIONS  
IN NEW INFECTIONS  
ARE OFF-TARGET

INVESTING  
FOR  
IMPACT!

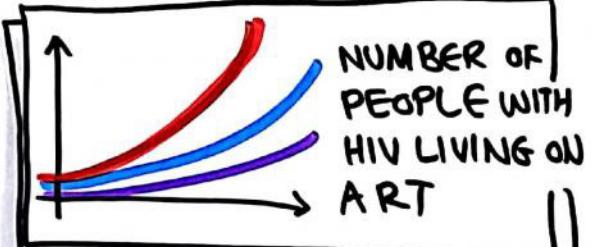
NAMIBIA  
INVESTED ON  
HIV RESPONSE  
FOR BETTER  
HEALTH!



THE TREATMENT  
CASCADE  
PROGRESS  
VARIES BY  
REGION

PEOPLE-CENTRED APPROACH

IRIS SEMINI, UNAIDS



SCALING UP?

THE FIVE PILLARS

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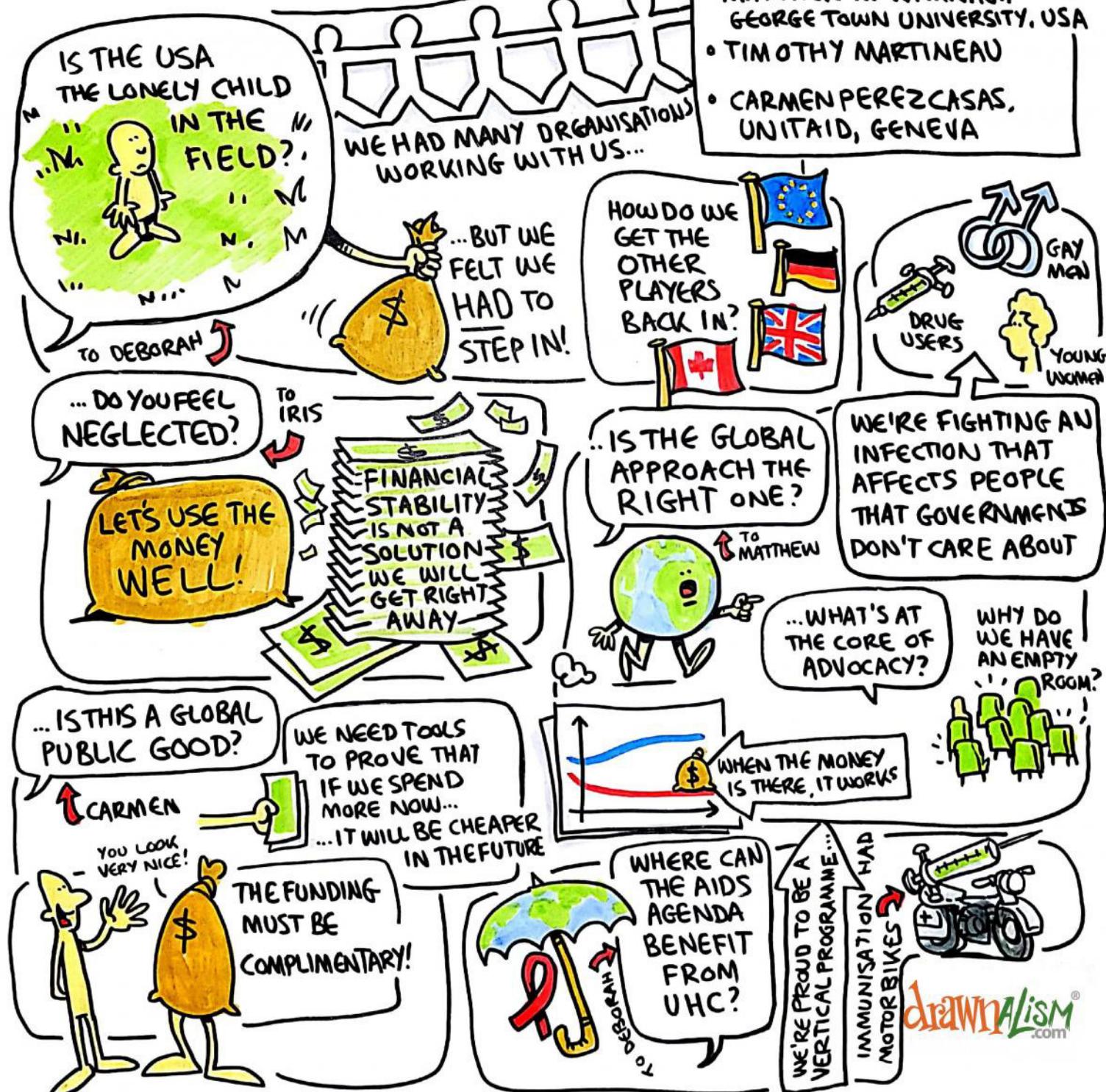
# #IAPAC 2018

PANEL: WHO IS GOING TO LEAD & FINANCE EFFORTS TO CONTROL THE HIV EPIDEMIC?

MODERATOR: ILONA KICKBUSCH

## PANELISTS:

- AMBASSADOR DEBORAH L. BIRX
- MATTHEW M. KAVANAGH  
GEORGE TOWN UNIVERSITY, USA
- TIMOTHY MARTINEAU
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