



# **Update on ECDC activities on HIV**

Teymur Noori ECDC Civil Society Forum 18-19 April, 2016

# ECDC's short to medium-term HIV priorities



### To support EU Member States:

1. To improve monitoring of the continuum of HIV care

2. With scientific advice on HIV prevention in key populations

3. To reduce the undiagnosed fraction



## **Priority 1:**

To improve monitoring of the continuum of HIV care

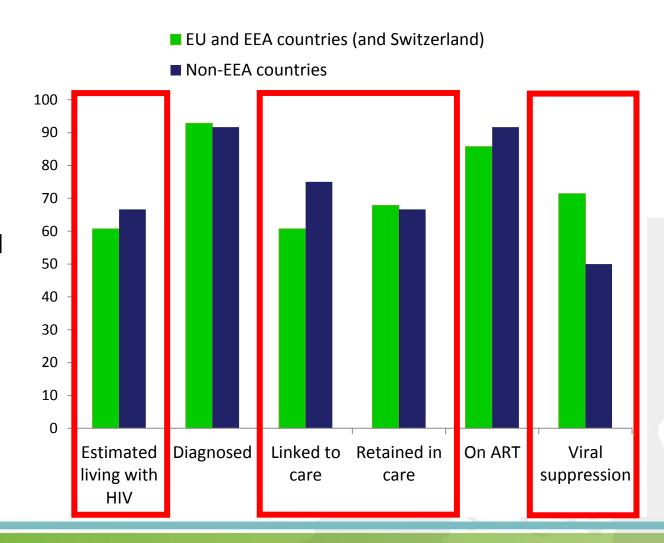
# Number of countries able to report on the various elements of the continuum



Dublin 2015: Continuum of care report

 Only 13 countries\* able to report on all six elements (24%)

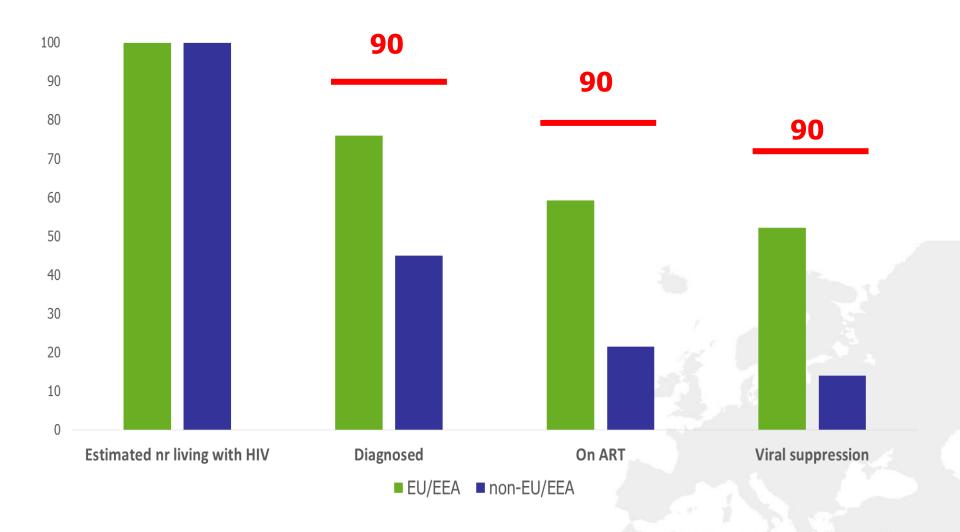
 Lack of standardised definitions and methodology



## How are countries in Europe performing?



Dublin 2015: Continuum of care report



# **ECDC** expert meeting on optimising analysis of the HIV continuum of care



#### **Objectives:**

- Promote discussion and exchange between national HIV surveillance experts and cohorts concerning continuum of care data sources and measurement
- Identify opportunities for advancing the standardisation of continuum definitions and data sources





MEETING REPORT

#### OPTIMISING ANALYSIS OF THE HIV CONTINUUM OF CARE IN EUROPE

8-9 September 2015

#### Introduction

Since the HIV continuum of care (also referred to as the HIV treatment cascade) was first described in the United States in 2011, there has been a growing interest in use of this tool. It can be used to monitor the quality of HIV care for people living with HIV (PLHIV) and to assess the extent to which viral suppression is occurring at population level and contributing to efforts to reduce further HIV transmission. Although a number of European countries have been in a position to compile and report their HIV continuum of care data, attempts to compare and aggregate data across countries have been limited by different approaches to data collection, a lack of standard definitions for the elements of the continuum and significant gaps in data in many countries.

To consider how best to tackle these issues, the European Centre for Disease Prevention and Control (ECDC) held a meeting in Stockholm on 8-9 September 2015 (see agenda in Annex 1). Participants (see Annex 2) included surveillance, public health and research experts, HIV control leads and representatives from EU-funded projects, international agencies and civil society. This report summarises the main issues and action points arising from the meeting, (Presentations have been made available separately to participants.) Following a welcome and introductions, Andrew Amato (ECDC) summarised the main objectives of the meeting. These were to:

- . Share experiences and challenges in measuring the HIV continuum of care in Europe.
- Promote discussion and exchange between national HIV surveillance experts and cohorts concerning continuum of care data sources and measurement.
- Identify opportunities for advancing the standardisation of continuum definitions and data sources.

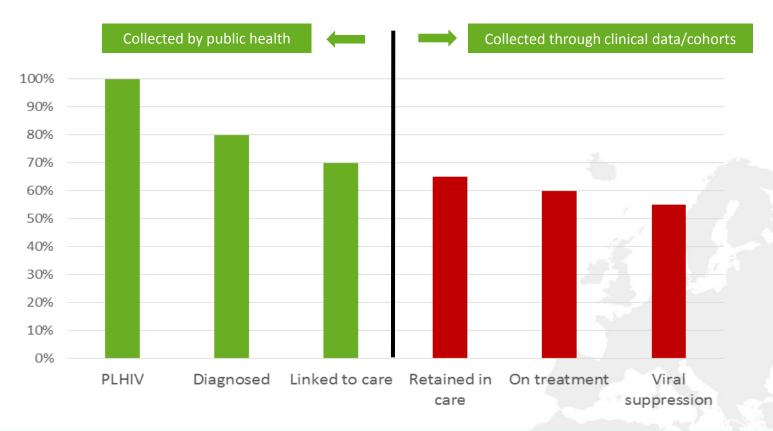
The introductory session provided an overview of ECDC projects and data sources related to the continuum of care and of other European and global initiatives. Anastasia Pharris (ECDC) started by presenting a brief summary of <u>ECDC activities</u> relating to the continuum of care (see figure below). These include monitoring the epidemic and the response, through HIV/AIDS surveillance, which is conducted annually with VHIO Europe, and Dublin Declaration monitoring, which is conducted every two years. The dataset for HIV/AIDS surveillance was revised in 2015; it now line

# Objective 1: Bringing together public health and clinicians



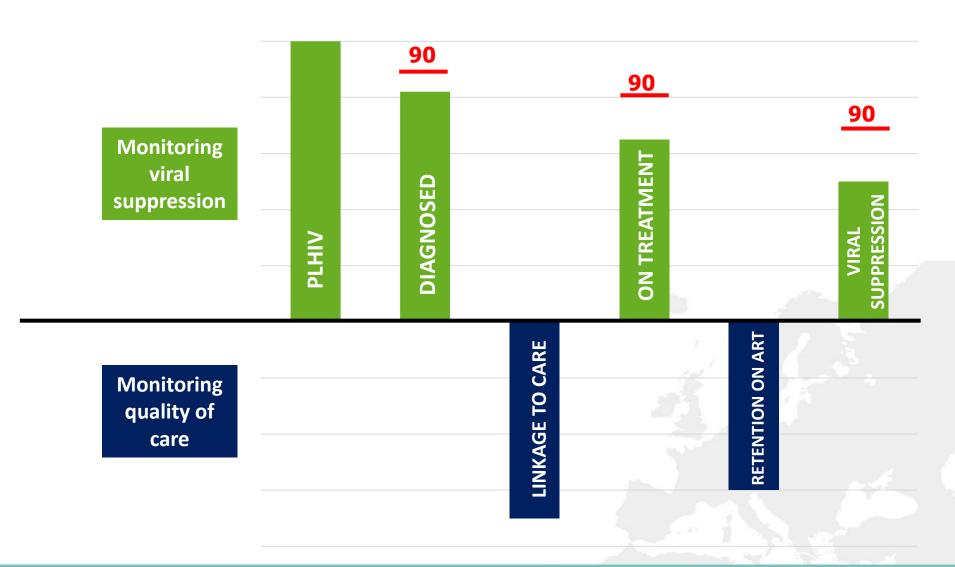
Key issue: being able to access and link data sources

- National database for diagnoses (public health)
- National database for care of people living with HIV (clinical data/cohorts)



# **Objective 2: Defining a 4-point continuum**





# ECDC projects exploring the use of cohort and surveillance data to improve the monitoring of the continuum of care



Supporting ECDC in assessing the representativeness of HIV data from the European HIV cohorts within EuroCoord as compared to HIV Surveillance data

**Giota Touloumi** 

University of Athens

Supporting ECDC in constructing continuums' of HIV care based on the national cohorts under the EuroCoord network

**Kholoud Porter** 

University College London

# Improving the monitoring of the HIV continuum of HIV care in Europe





**Tender Specifications** 

for

Improving the monitoring of the HIV Continuum of Care in Europe

Framework service contract

Publication Reference: 0J/2016/0C5/5657/01

February 2016

**Work Package 1**: Produce a scientific opinion on how to monitor a four-point HIV continuum of care

**Work Package 2**: Technical support to countries to construct national HIV care continuums

**Work Package 3**: Construction of HIV care continuums using clinical cohort and HIV surveillance data

**Work Package 4**: Methodological development on HIV continuum of care concepts



# **ECDC/WHO Joint Meeting on European HIV/AIDS Surveillance**

World Health Organization

REGIONAL OFFICE FOR Europe

10-11 March 2016 Bratislava, Slovakia

#### Main objectives of the meeting:

- Discuss how to improve the monitoring of the HIV continuum of care using HIV case surveillance
- Review the performance of the revised European HIV/AIDS reporting format
- Promote the discussion for improving the measurement and delivery of HIV testing in Europe and central Asia
- Discussing future directions for improved data collection and analysis with regard to treatment, viral suppression and death





Draft Minutes
ECDC/WHO Joint Meeting on European
HIV/AIDS Surveillance
10-11 March 2016, Bratislava

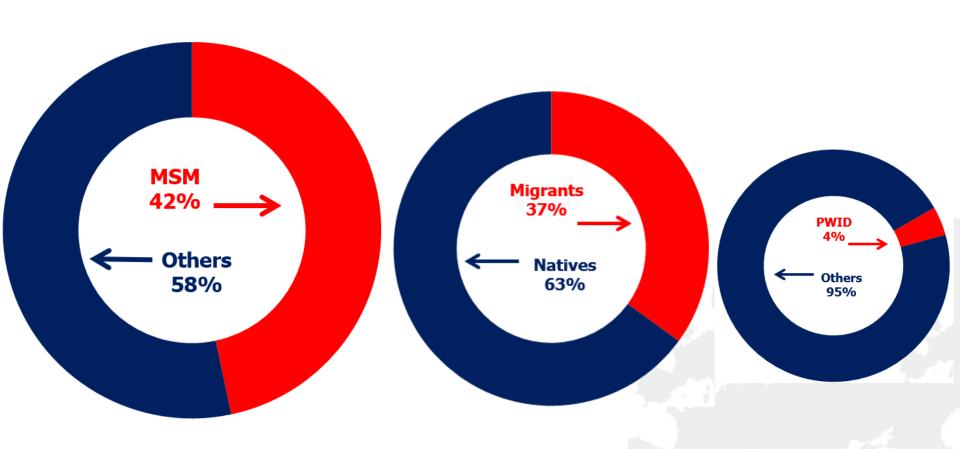


## **Priority 2:**

Contribute with scientific advice on HIV prevention in key populations

# **Key priority populations in the EU/EEA** (2014)





# Dublin Declaration: Monitoring the HIV response in Europe and Central Asia



#### **Advisory Group Meeting**



#### Questionnaire



# Use of new technology in HIV prevention among MSM









MEETING REPORT

#### **Main outcomes**



2. Guidance needed on how to do outreach using new technology

in the EU/EEA

www.ecdc.europa.eu

new technology in ntion among MSM

olm 1-2 October 2015

articular smartphone apps, on MSM ion work, the European Centre for Higgins Trust (THT) to explore this d interviews with MSM recruited via holm in February 2015, were:

on and has increased significantly in

ential for public health in terms of

ke of STI and HIV testing and other ing week or through push messages

drug use, although apps do appear for sex which include the use of

recreational drues

The February 2015 meeting concluded that there was a need to: further improve understanding of how apps are being used, of their impact on sexual health, behaviour and networks and of how they could be used for public health; to continue to collect and share information and experience; to develop practical guidance on effective approaches to use of apps for public health interventions; and to take a coordinated European approach to engagement with app owners.

To follow up on these ideas and plan future action, ECDC held an expert meeting in Stockholm on 1-2 October 2015 (see Agenda in Annex 1 and Participant list in Annex 2). This report summarises the main issues and action points from the expert meeting. (Presentations were made available separately to the participants.)





Koenraad Vermey Soa Aids Nederland Keizersgracht 392, 1016 GB Amsterdam Netherlands Email: KVermey@soaaids.nl

Stockholm, 27 November 2015

Our ref: SRS-2015-OUT-3017-DCIoSy

Dear Mr Vermey,

Request for offer: "Guidance and toolkits on the effective use of digital platforms for HIV prevention with MSM in the EU" - ID 5819

The European Centre for Disease Prevention and Control (ECDC) is an Agency of the European Union, based in Stockholm, Sweden. ECDC is pleased to invite you to submit an offer for the above-mentioned

#### A. Terms of reference

The purpose of these terms of reference is to give instructions and guidance to candidates about the nature of the offer they will need to submit and will become part of the contract that may be awarded as a result of this negotiated procedure. ECDC intends to conclude a contract as per the model contract attached.

The overall objective of this request for offer is to create a set of guidance documents and interactive toolkits to support experts in Member States to be able to make more effective use of digital platforms in their work on the prevention of HIV and STIs among men who have sex with men (MSM) in the EU. These outputs will be designed for use by a range of EU stakeholders in HIV prevention, providing both guidance on a strategic level on best practice as well as more practical tools to help in the implementation of these guidance documents.

The main guidance and toolkits will be hosted online on the ECDC website for greater accessibility ease of use as a working resource. The guidance and toolkits will provide support to work in the following

MSM smartphone apps and websites:

- Online outreach approaches
  - o Platforms
  - Worker competencies
  - o Suggested interventions
- · Public health advertising techniques and tactics Push messages and banner advertising

  - Free services targeted toward MSM

European Centre for Disease Prevention and Control - Phone: +46 (0)8 586 010 00 - Fax: +46 (0)8 586 010 01 Postal address: SE - 171 83 Stockholm, Sweden - visiting address: Tomtebodavägen 11A info@ecdc.europa.eu - www.ecdc.europa.eu - An agency of the European Union - www.europa.eu

#### Guidance and toolkits on the effective use of digital platforms and social media for STI/HIV prevention with MSM in the EU

- Mobile apps
- Google
- Facebook
- YouTube
- Twitter
- Etc.

## ECDC meeting on PrEP 27-28 April, 2016



#### **Objectives:**

- Discuss key issues related to the implementation of PrEP in the EU setting
- Assess whether ECDC has a role to play in supporting EU/EEA Member States who are considering implementation of PrEP

#### **Participants:**

- Public health/policy makers
- Community representatives
- Clinicians
- Agency representatives





TERMS OF REFERENCE

PRE-EXPOSURE PROPHYLAXIS IN EU/EEA: CHALLENGES AND OPPORTUNITIES

Stockholm, 27-28 April 2016

#### BACKGROUND

Pre-exposure prophylaxis (PrEP) is the use of an antiretroviral medication to prevent the acquisition of HIV infection by uninfected persons. The efficacy of oral PrEP has been shown in four randomized control trials (iPSEX, Partners PrEP, PROUD and IPERGAY) and is high when the drug is used as directed. Making these drugs available for safe, effective prevention outside the clinical trial setting is a current challenge in the European Union setting.

On the basis of the results published from the <u>PROUD</u> and <u>IPERGAY</u> clinical trials, the European Centre for Disease Prevention and Control (ECDC) issued a <u>statement</u> encouraging EU Member States to give consideration to integrating PrEP into their existing HIV prevention package for those most at-risk of HIV infection, starting with MSM. In the fall of 2015, <u>WHO</u> and <u>EACS</u> both released treatment guidelines, including recommendations for the use of PrEP in populations at substantial risk for HIV infection.

ECDC is convening a meeting of experts to discuss pending issues related to service models of PrEP implementation in the EU Member States. Issues that will be discussed include appropriate models of care/services, cost-effectiveness, eligibility criteria, drug resistance, routine monitoring of people on PrEP, including adherence to treatment and regular testing for HIV and other sexually transmitted infections.

#### **OBJECTIVES**

The objectives of the meeting are to:

- 1. Discuss key issues related to the implementation of PrEP in EU/EEA Member States.
- 2. Clarify ECDC's role in supporting EU Member States that are considering PrEP implementation.





#### DRAFT PROGRAMME

#### PRE-EXPOSURE PROPHYLAXIS IN THE EU/EEA SETTING: CHALLENGES AND OPPORTUNITIES

Tomtebodavägen 11A, Stockholm, 27-28 April 2016

#### Wednesday 27 April, 2016

	Wednesday 27 April, 2016
08:15	ECDC shuttle departure from Hotel Clarion Hotel Amaranten to ECDC
SESSION 1: Chair:	INTRODUCTION AND BACKGROUND Andrew Ameto and TBD
Objectives:	To set the stage and provide an overview of the role of PTEP as one component of the comprehensive package of services for men who have sex
09:00 - 09:30	Welcome, introductions and objectives of the meeting (ECDC)
09:30 - 09:50	Keynote I: The comprehensive package of prevention services for MSM and the role of PrEP (Sheena McCormack)
09:50 - 10:10	Keynote II: PrEP implementation in the US: Challenges, opportunities and lessons learnt (Bob Grant)
10:10 - 10:30	Keynote III: PrEP implementation in France: Challenges, opportunities and lessons learnt (Jean-Michel Molina)
10:30 - 10:45	Discussion
10:45 - 11:15	COFFEE
SESSION 2: Chair:	ELIGIBILITY CRITERIA FOR PrEP IN EUROPE TBD
Objective:	To essess options for eligibility for PrEP in the EU setting
11:15 - 11:30	Overview on eligibility criteria: What have we learned of the people coming forwar for PrEP? (Elske Hoomenborg)
11:30 - 11:45	Using national surveillance data to estimate likely number requiring PrEP (Nigel Field)
11:45 - 12:45	Round-table discussion: Key issues for consideration in formulating eligibility criteri
12:45 - 14:00	LUNCH (Public Health Agency of Sweden)
SESSION 3: Chair:	APPROPRIATE MODELS OF SERVICE DELIVERY TRD
Objective	The assess options for appropriate models of service delivery in the EU setting

14:00 - 14:15 14:15 - 15:15	Overview of the various options for delivery of PrEP (Sheena McCormack)  Round-table discussion: Key issues for consideration in assessing appropriate models of service delivery
15:15 - 15:45	COFFEE
SESSION 4: Chair:	COST-EFFECTIVENESS OF PrEP Julia Del Amo and Lara Tavoschi
Objective:	To provide an overview of our knowledge on cost-effectiveness of PrEP
15:45 - 16:15	Overview on cost-effectiveness of PrEP: What evidence is available? (Valentina Cambiano and Nigel Field)
16:15 - 17:20	Round-table discussion: Key issues for consideration on cost-effectiveness of PrEP
17:20 - 17:30	European Commission Joint Procurement of medical countermeasures (Velina Pendolovska)
17:45	ECDC shuttle departure to Hotel Clarion Hotel Amaranten
19:30	ECDC HOSTED DINNER (Pressklubben or Duvel Cafe, address: Vasagatan 50)

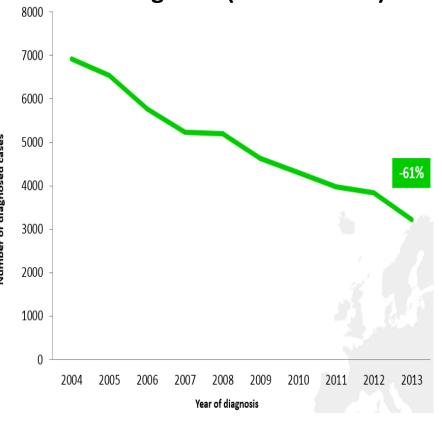
#### Thursday 28 April, 2016

08:30 ECDC shuttle departure from Hotel Clarion Hotel Amaranten to E	CDC
SESSION 5: ROUTINE MONITORING OF PEOPLE ON PrEP Chair: Manuel Battogay and Gianfranco Spiteri	
Objective: The discuss key issues related to the routine monitoring of people on F	YEP
09:00 – 11:00 Routine clinical and public health monitoring of people on PrEP, it to treatment, drug resistance and regular testing for STIs: What e available?  • Adherence (Pep Coll)	
Drug resistance (Bob Grant)	
<ul> <li>Drug resistance (Bob Grant)</li> <li>Risk compensation/STIs (Sheena McCormack)</li> </ul>	
Drug resistance (Bob Grant)	to routine
<ul> <li>Drug resistance (Bob Grant)</li> <li>Risk compensation/STIs (Sheena McCormack)</li> <li>Round-table discussion: Key issues for consideration with respect</li> </ul>	to routine
<ul> <li>Drug resistance (Bob Grant)</li> <li>Risk compensation/STIs (Sheena McCormack)</li> <li>Round-table discussion: Key issues for consideration with respect monitoring of people on PrEP</li> </ul>	to routine
Drug resistance (Bob Grant)     Risk compensation/STIs (Sheena McCormack)  Round-table discussion: Key issues for consideration with respect monitoring of people on PrEP  11:00 – 11:30 Coffee  SESSION 7: SUMMING UP AND CLOSING	ter understanding
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Drug resistance (Bob Grant)     Risk compensation/STIs (Sheena McCormack)     Round-table discussion: Key issues for consideration with respect monitoring of people on PrEP  11:00 – 11:30     Coffee  SESSION 7: SUMMING UP AND CLOSING Chair: Anastasia Pharris and Teymur Noori  Objective: To sum up the key issues identified during the meeting and have a bet what support, if any, EU/EEA Member States need as they consider Pri	ter understanding
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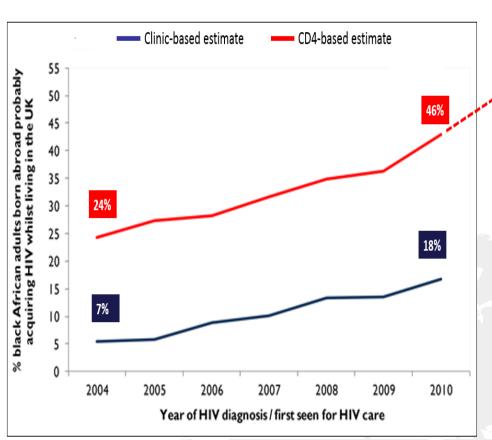
## **Scientific studies among migrants**



# Declining trends of HIV among migrants (heterosexual)



#### **Probable country of infection**



Julia Del Amo
Institute Salud Carlos III

Valerie Delpech
Public Health England



## **Priority 3:**

To reduce the undiagnosed fraction

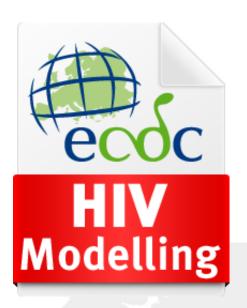
## **ECDC HIV Modelling Tool**



Annual number of new infections

- Time between infection and diagnosis
- Size of undiagnosed fraction

Number of people in need of treatment



ECDC will continue to provide training to countries

## **ECDC HIV Testing Guidance**



# ECDC expert meeting 28-29 January

- Guidance is considered relevant and of added value
- A comprehensive package of products
  - Update of the guidance
  - Practice and implementation-oriented companion products
  - Continuous dissemination and regular updates
- The primary target audience are MS technical experts engaged in guidance development and implementation





MEETING REPORT

Expert meeting: Evaluation of ECDC HIV Testing Guidance in the EU/EEA

Stockholm 28-29 January 2016

#### **Background and meeting objectives**

In 2010, ECDC published the guidance HIV testing: increasing uptake and effectiveness in the European Union (from now on referred to as "2010 guidance"). In consideration of the recent developments in the field, ECDC is planning to update the guidance in 2016-2017. There have however been international and National testing guidalines/guidances released since then, and the ECDC wish to carefully consider if an update of the testing guidance adds value to what is currently available and what the next stee for ECDC should be.

As preparatory work ECDC undertook an evaluation of the impact of the 2010 guidance with regards to the development or implementation of testing policies in the EU/EEA at national, sub-national or supra-national levels. A needs assessment to identify the current needs in the EU/EEA for an up-to-date revised ECDC HIV testing guidance was also conducted in parallel.

As a final step ECDC organized an expert consultation which was hosted in Stockholm on 28-29 January 2016 with the aim to collect expert advice to better understand the use and impact, if any, of the 2010 guidance in the EU/EEA and to devise ECDC future steps in this area, including an update guidance. The objectives of the meeting were:

- Contribute to the interpretation of the findings from the 2010 guidance evaluation and needs assessment;
- Formulate recommendations to ECDC on next steps with respect to
  - Need for an updated HIV testing guidance
  - Format and content of the updated HIV testing guidance
  - Methodology to develop the updated HIV testing guidance

The meeting participants were selected by ECDC with the view of achieving a comprehensive representation of the different constituencies' active in the HIV epidemic response in the EU/EEA region: Member States (MS) public health institutes and Ministry of Health, service providers and health care workers, civil society organizations, learned societies and professional associations, EUfunded projects and international organizations; as well as broad geographical representativeness.

# ECDC expert consultation: Improving measurement and monitoring of HIV testing



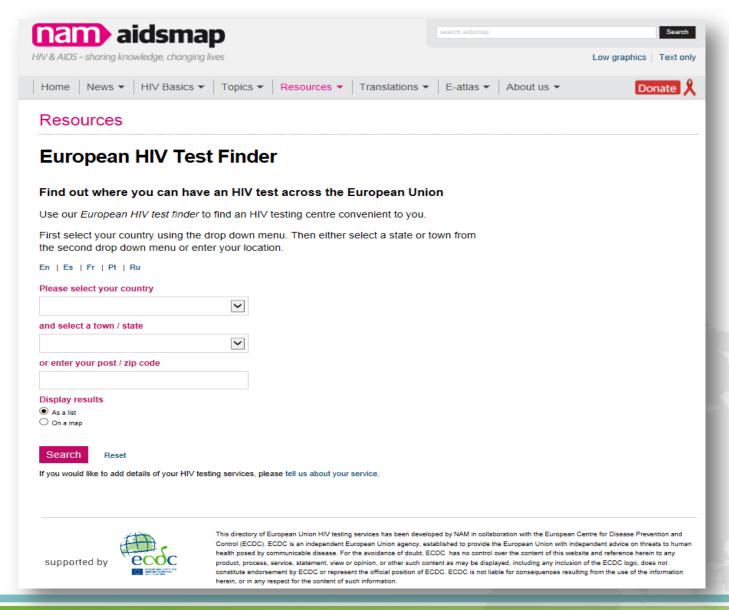
Tentative date: November 2016

## **Preliminary objectives:**

- 1. Discuss the feasibility of a common framework to monitor HIV testing services in the EU/EEA
- 2. Provide a roadmap for the development of such a framework

## **European HIV Test Finder**

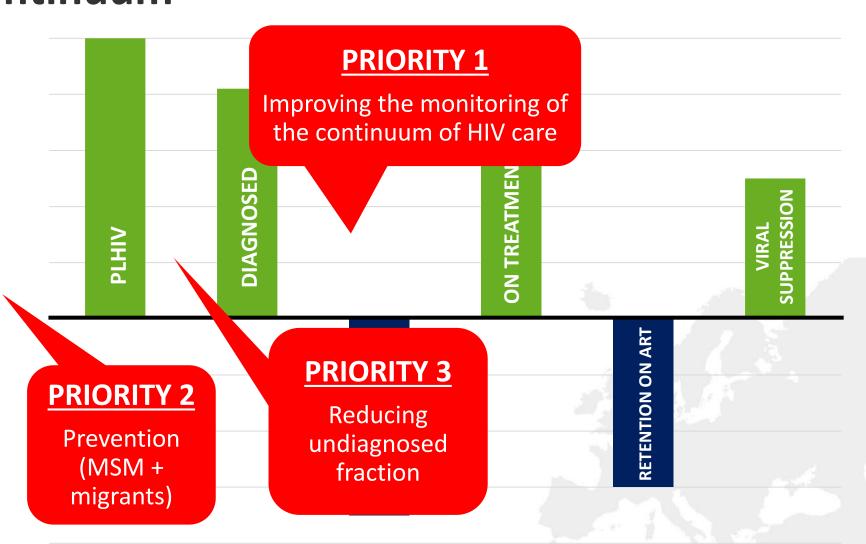




# People not yet infected with HIV

# ECDC HIV priorities mapped against the continuum







## Thank you!

Andrew Amato Anastasia Pharris Lara Tavoschi

teymur.noori@ecdc.europa.eu