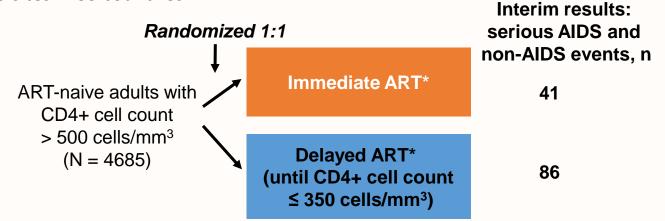
TOOLS AND STRATEGIES TO END THE AIDS EPIDEMIC BY 2030



START: Immediate vs Deferred ART

- International, randomized phase IV study
 - 215 sites in 35 countries

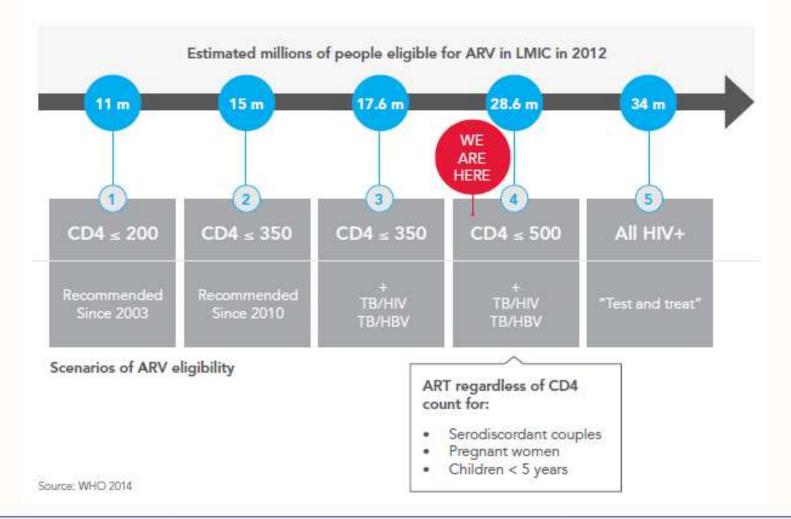


- *Any licensed ART allowed, according to national guidelines. Study stopped by data and safety monitoring board following results of interim analysis
 - Risk of serious illness or death reduced by 53% with immediate ART
 - Rates of serious AIDS-related and non–AIDS-related events lower in immediate ART arm

ClinicalTrials.gov. NCT00867048. NIH Press Release, May 27, 2015.

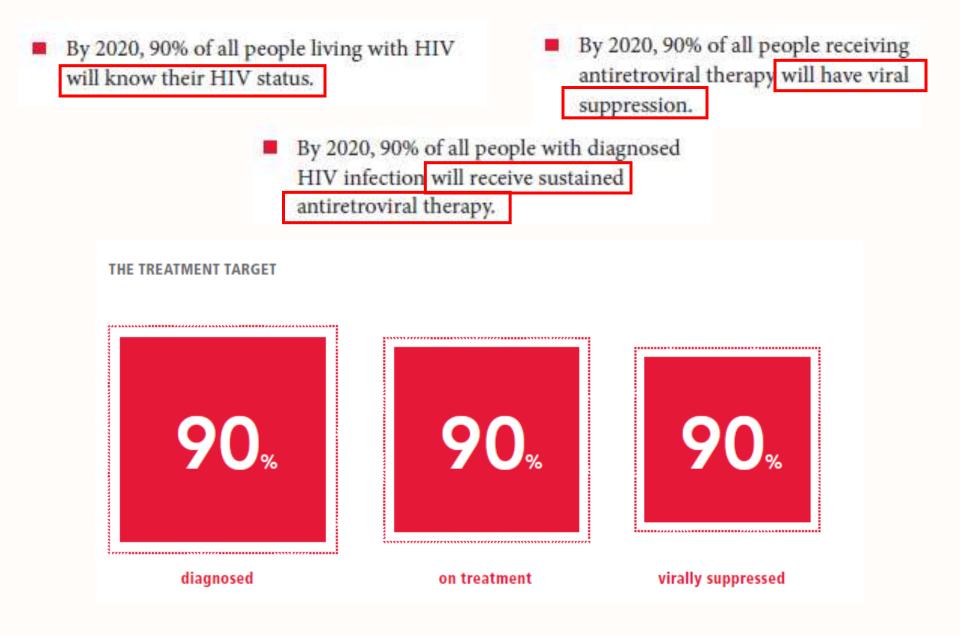


SCENARIOS OF ANTIRETROVIRAL TREATMENT ELIGIBILITY: WHO VISION



SECONDO WORKSHOP DI ECONOMIA E FARMACI PER L'HIV WEF-HIV 2015

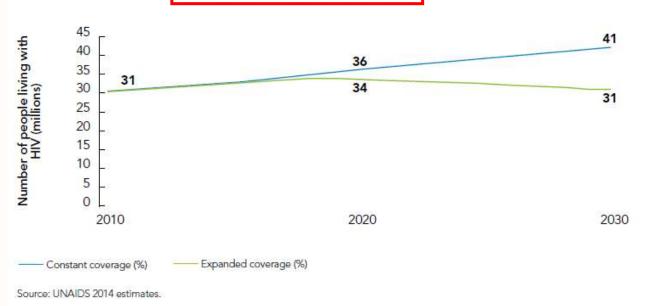


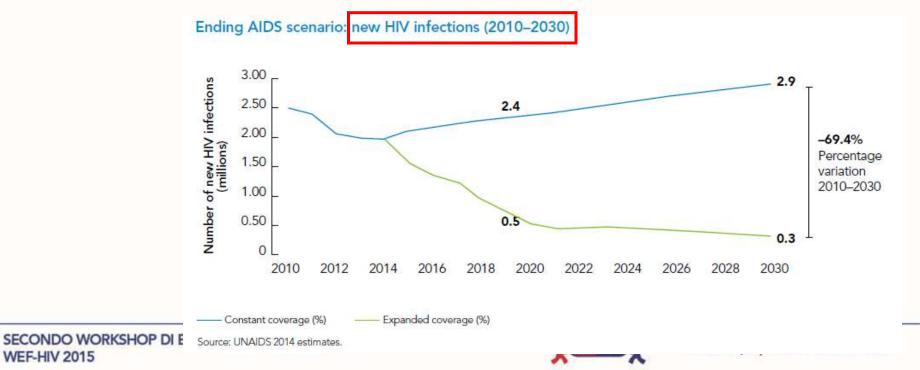




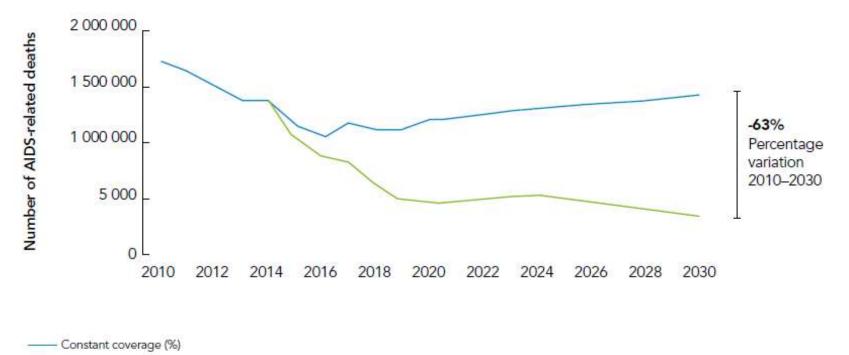


WEF-HIV 2015





Ending AIDS scenario: AIDS-related deaths (2010–2030)



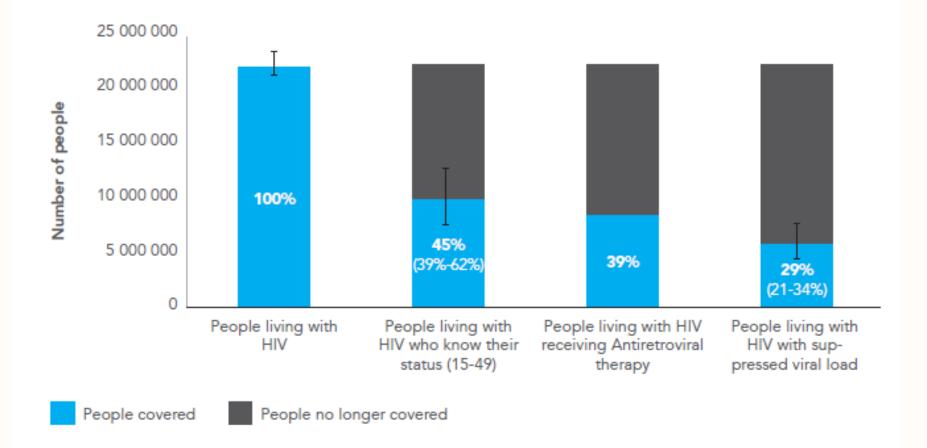
— Expanded coverage (%)

Source: UNAIDS 2014 estimates.

SECONDO WORKSHOP DI ECONOMIA E FARMACI PER L'HIV WEF-HIV 2015

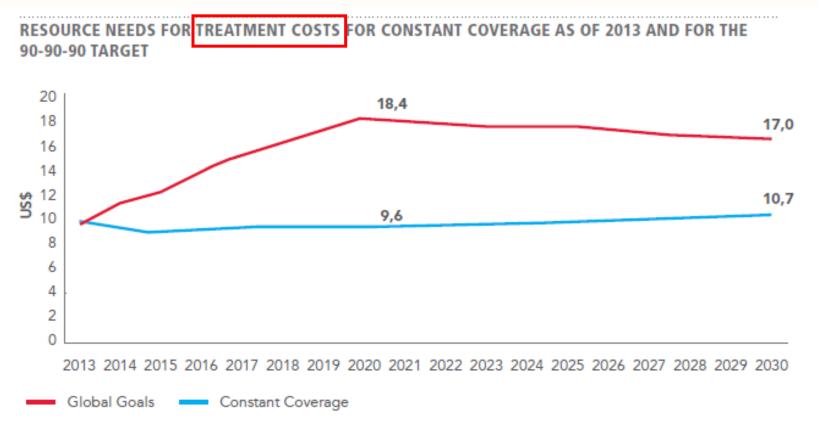


ABBREVIATED HIV TREATMENT CASCADE FOR ADULTS IN SUB-SAHARAN AFRICA AGED 15 YEARS OR MORE, 2013









Source: UNAIDS Global Price Tag Estimates, September 2014. Unpublished results.

Is health perceived as a real priority by International community?

SECONDO WORKSHOP DI ECONOMIA E FARMACI PER L'HIV WEF-HIV 2015



UNAIDS is committed to working in partnership with the full array to essential stakeholders – including but not limited to national governments; WHO, the Global Fund, PEPFAR and other donors; civil society, including people living with HIV and key populations; the private sector; profesional medical groups; and others – to make the 90-90-90 target a reality.

The tools and strategies now exist to end the AIDS epidemic by 2030. However, getting there requires unprecedented action now to scale up early antiretroviral therapy, as delay will merely allow the epidemic to continue to outpace the response.



MAIN CHALLENGE

ELIMINATION OF HIV IN ITALY

CURRENT SITUATION ► PLWH Dx, in care Dx, in cART		ESTIME 115 – 155.000 95.000 85.000
 New HIV cases Late presenters Not in cART Screening WHAT TO DO 90% screening of key pop 	- MI - ID - Pr	PHSx Us isoners
	- 1/11	grants
POS 90% 90% retention in care second WEF-HIV	NEG counseling re-testing	MILANO, 8

Some achievements until 2014

- Berlin patient
- Visconti cohort
- Mississipi baby

The IAS launced "Towards an HIV cure iniziative" at the IAC in 2012

At IAC 2015

- Paris girl
- Broadly neutralizing antibodies
- Gene therapy

(Zinc finger nucleose-edited, CCR5 – deleted hematopoietic stam cell)





2006-2007

• Merck's HIV vaccine fails in clinical trials -- the latest in a long line of vaccine failures.

But new vaccines are still in development.

The last based on broadly neutralizing antibodies



