

# Contributing to 90-90-90: Implementing + Improving Safety Training for Health Care Workers

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ILB Biosafety Team and  
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# International Issues and Priorities

**Biosafety Global Consensus Meeting, September, 2015  
Atlanta, Georgia:**



*Comments from the Training Breakout Session*

- “Anything you do has to be local, practical and sustainable”
- “Obtain local buy-in from MoH”
- “A champion is needed at the top to filter down to a programmatic-consistent driver of change and sustainability.
- “Tailor training to the various user levels”
- “Make training hands-on rather than theoretical”
- “Provide e-learning”

# International Issues and Priorities

**GHSA Biosafety and Biosecurity Action Package calls for biological risk management training and educational outreach**

*2016 Pilot Assessments: Areas that needed strengthening*



Uganda: “Not yet implemented comprehensive training or a common training curriculum”

Tanzania: “ Biosecurity should be incorporated into training, both formal & in-service, with an overseeing body to implement and monitor”



Ethiopia: “Development and implementation of facility B&B training and SOPs”

# Addressing the Issues

## 2016 HOP Funding Overview:

ILB biosafety subject matter experts will work with an instructional designer to plan and develop training based on standard safety program elements for PEPFAR-supported countries.

We will coordinate with **Laboratory African Regional Collaborative** (LARC) countries: Kenya, Uganda, Mozambique, Swaziland, Malawi, Tanzania.

# Safety Training Project (Tiered Approach)

Develop facilitator-led safety training for health care support staff (e.g., cleaners, drivers, specimen transport staff, waste handlers, incinerator operators, mortuary workers + any other support staff who wish to take the course.) to enhance the understanding and use of best practices.

Develop safety e-learning for health care professionals (e.g., doctors, nurses, midwives, clinical laboratorians, morticians + any other staff) who regularly come into contact with blood and bodily fluids, sputum, unknown specimens or aerosol-borne microorganisms.

# Future Work, not yet funded...

## ***Biosafety Officer cadre development:***

*Develop a 2-week task-based and highly interactive training program (incorporating SLMTA-type training methods and activities) for biosafety professionals, laboratorians, safety managers, QA managers.*

# Goal

*Assess LARC countries' needs then design and develop two training courses, collaborating with the countries at key points:*

**1.** An e-learning safety familiarization course for health care professionals



**2.** A facilitator-led safety course for health care support staff



# High Level Approach

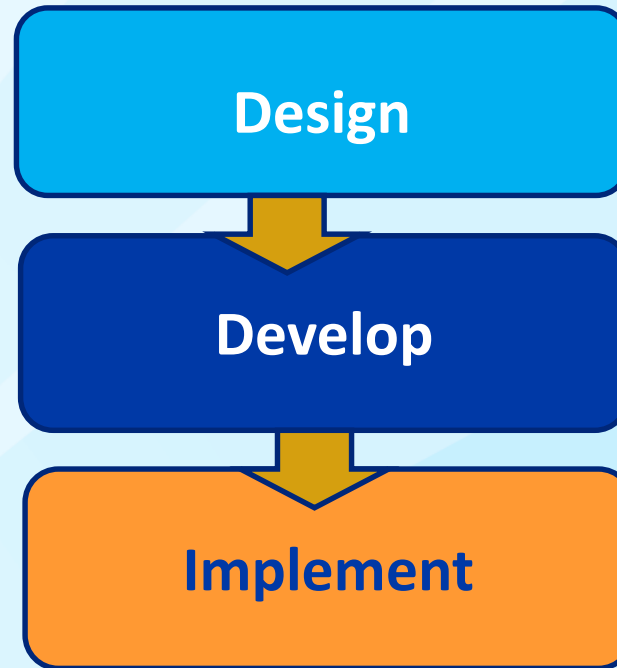
## *We will collaborate with the LARC countries*

- Assess needs, design and develop courses together (team reviews, feedback)
- October meeting with LARC countries:
  - Demonstrate the partially completed HC professionals e-learning course to obtain feedback
  - Walkthrough the facilitator-led course with support staff group to obtain feedback

Final draft courses by January 15<sup>th</sup>, 2018: ready for final reviews.



# High Level Approach for the Two Courses



# High Level Approach for the Two Courses

## Design

- Select content we wish to cover
- Decide best way to present each kind of content
- Develop “look and feel” (color palette, logo/branding)
- Decide on testing strategy for each course

# High Level Approach for the Two Courses

## Develop

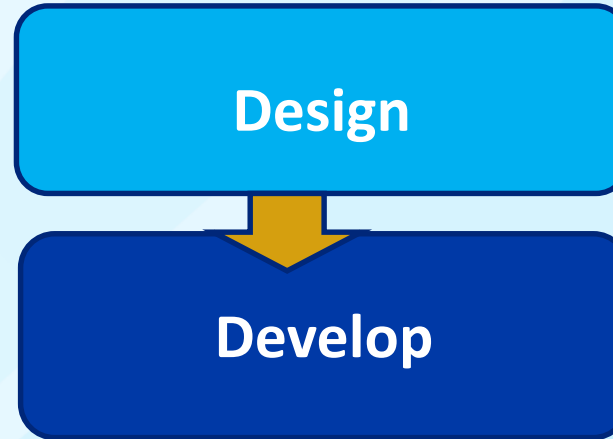
- Develop objectives, test items
- Develop and test e-learning functional prototype (Siemens)
- Use approved content, look and feel to develop two courses

## Design

# High Level Approach: two courses

## Implement

- Deliver final draft courses for final reviews (installed on server or MS Word)
- Collect comments, collaborate, update
- Release for use or launch



# Impact

Our goal is to help attain the **UNAIDS 90-90-90** goals by building stronger healthcare workforces and making training more accessible.

ILB will help create sustainable systems by:

- Developing the knowledge and skills of in-country clinical professionals and health care support staff
- Using e-learning to make professional training more accessible as requested in the Biosafety Global Consensus Meeting in Atlanta

# Questions?

## Thank you

**The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.**

Center for Global Health

Division of Global HIV and TB - - International Laboratory Branch

