



Improving International Health Risk Control

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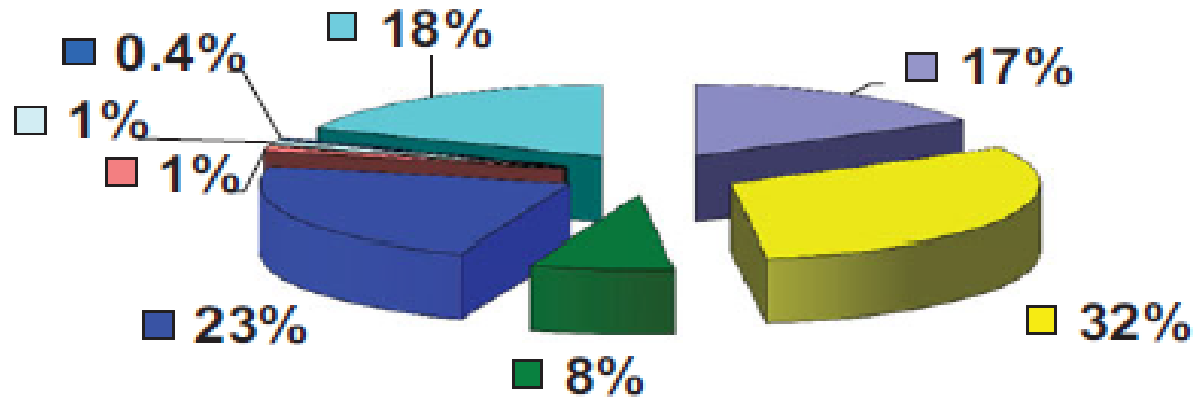
Samantha Hall²

1 Volunteer WHWB

2 HSE SD

World-wide work related deaths

2.3 million deaths each year



- Communicable diseases
- Respiratory Diseases
- Mental Disorders
- Genitourinary system

- Cancer
- Circulatory diseases
- Digestive system diseases
- Accidents and violence

Takala J, Hämäläinen P, Saarela KL, et al. Global Estimates of the Burden of Injury and Illness at Work in 2012. *Journal of Occupational and Environmental Hygiene*. 2014;11(5)

Ebola outbreak in Sierra Leone



- HSE volunteer's assisted in outbreak control
- In early stages, 307 healthcare workers infected - 60-70% fatal
- HSE involvement
 - staff volunteered to work in Sierra Leone
 - advice on PPE and safe systems of work
- WHO review identified poor H&S standards



WHO review – ‘Health worker Ebola infections in Guinea, Liberia and Sierra Leone’

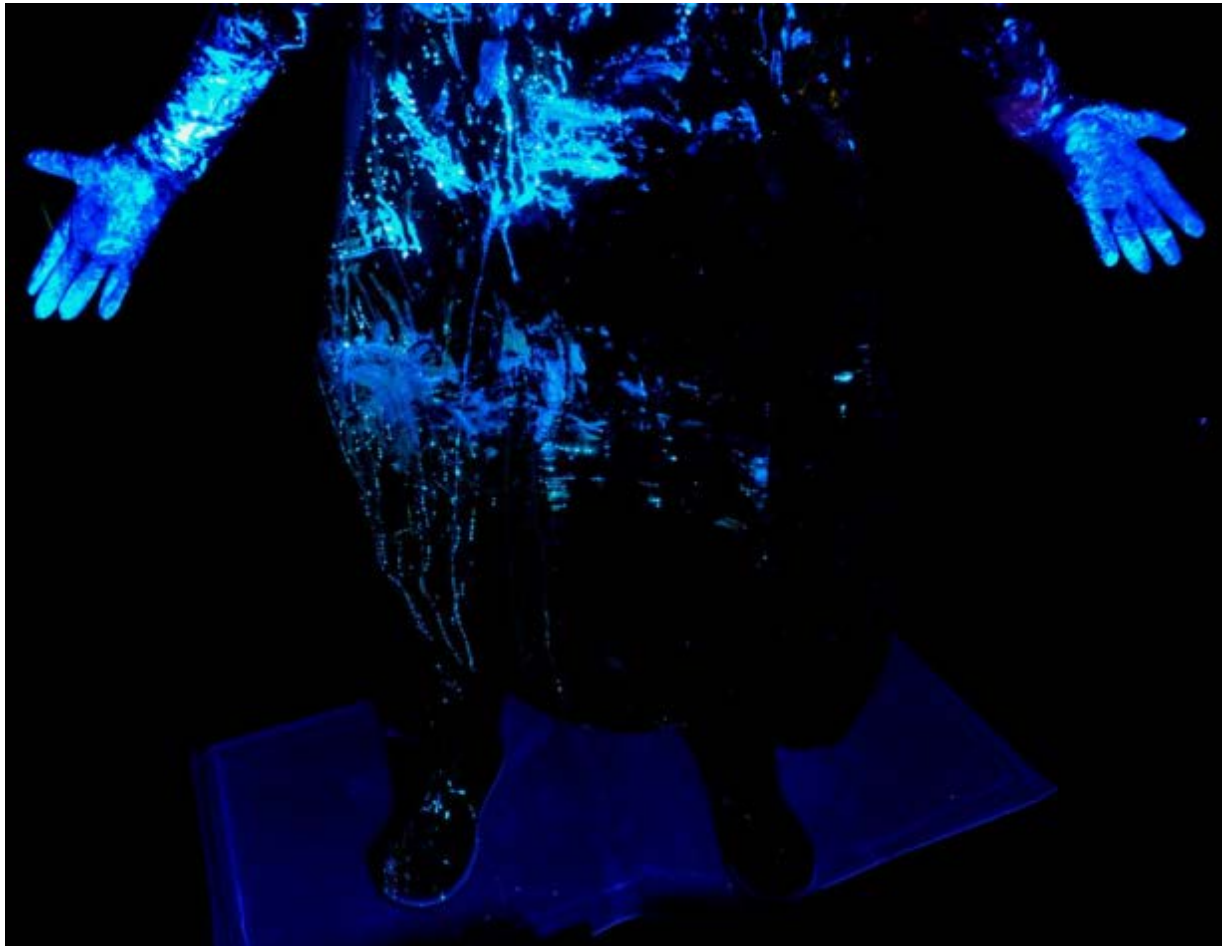
WHO review – control failures



ADMINISTRATION



PPE removal training





Workplace Health Without Borders - WHWB

- A non-profit charity and international organisation
- Setup by Occupational Hygienists
- VISION
A world where workers do not get sick because of their work



www.whwb.org



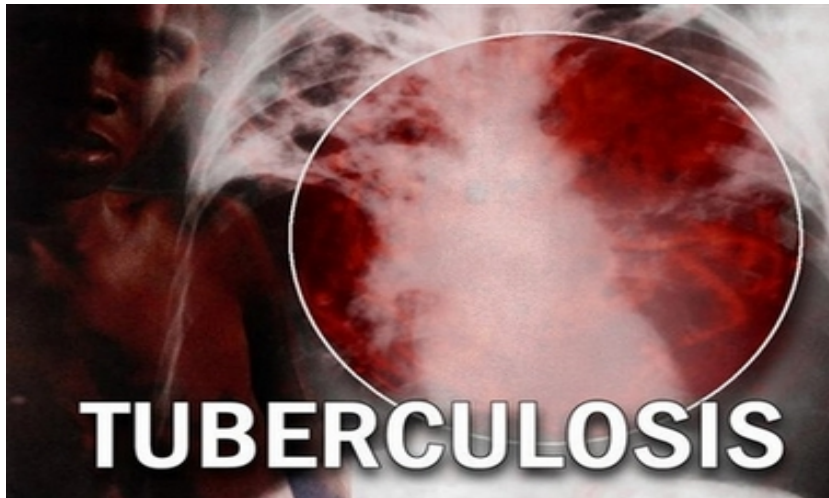
WHWB – example projects

- Indian Silica Workshop
- Reduction of Silica Exposure in agate industry
- Equipment donations
- Mentoring Program
- Monthly teleconferences
- Newsletter

WHWB - Indian Silica Workshop



- Sponsored workshop
- Raised awareness
- Developed an action plan



WHWB - Agate Silica Exposure (1)



WHWB - Agate Silica Exposure (2)



- Design of low cost engineering controls
- WHWB and University of Toronto
 - Use locally available materials



Quartz mg.m^{-3}

Before	After
3	0.05



H&S constraints in developing countries



What can you do?



- Support WHWB
 - Time; Money; Expertise; Mentoring; Joint projects



WHWB - further details



Learn more and get in touch!
– Meeting in Queens 2 at 17:00



Workplace Health Without Borders

Imagine a world where workers do not get sick because of their work

Join WHWB: www.whwb.org

Email: whwb.uk@whwb.org

Thanks to Mike Slater, WHWB UK Chair