

Presenter



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Investing in a Robust Environmental Health System: A Playbook

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June 8, 2017

#APHAWebinar



Investing in essential governmental environmental health services through dedicated resources will create an effective environmental health system that proactively protects communities and helps everyone attain good health.

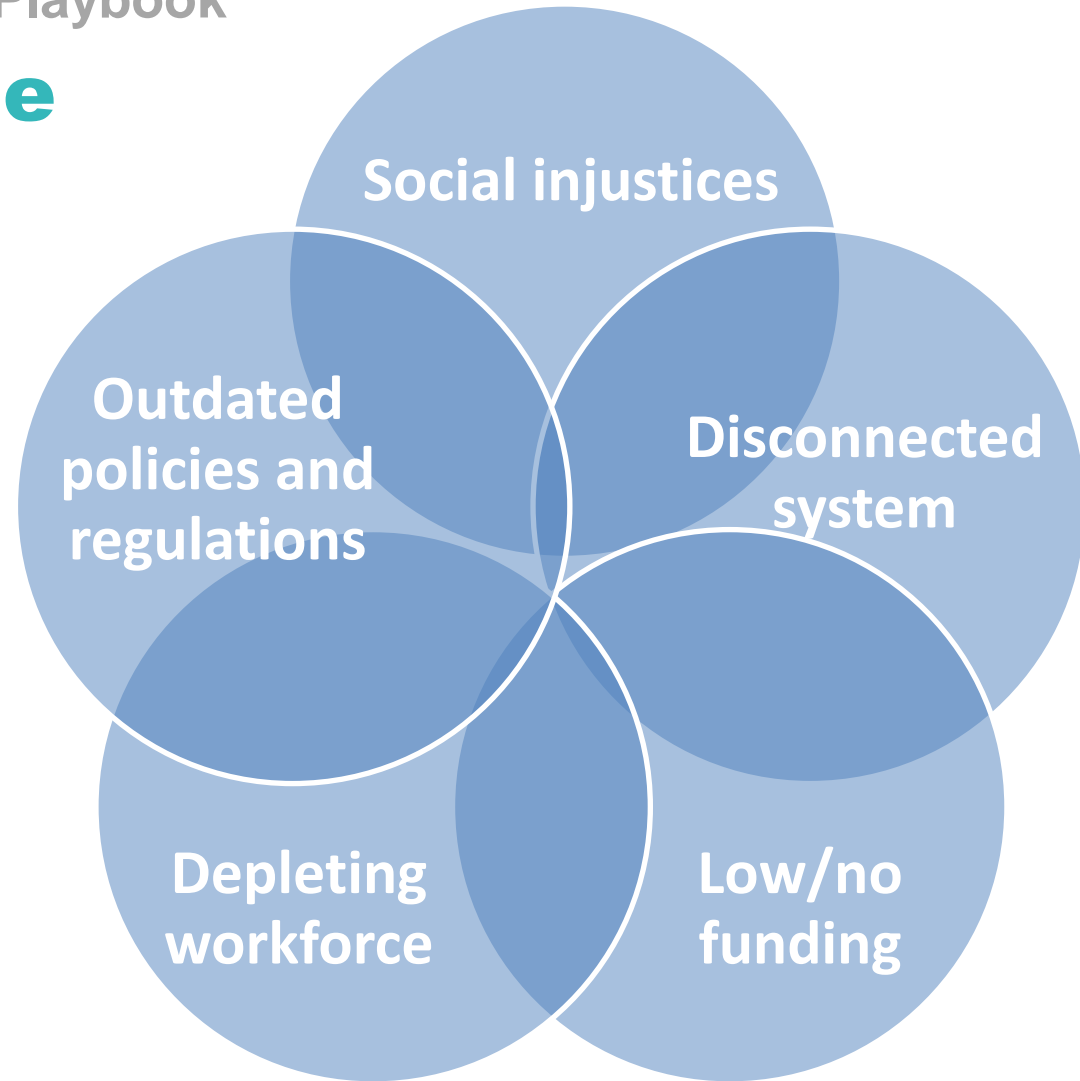
Healthy Communities: A Vision



Healthy Communities: A Vision



The Challenge



Environmental health services are not a luxury, they are essential to providing the public basic needs.

The Hope

**Environmental Health
Saves Money,
Saves Lives**

National Environmental Health Partnership Council

Many Organizations, One Voice



Icahn School of Medicine at Mount Sinai

Children's Environmental Health Center



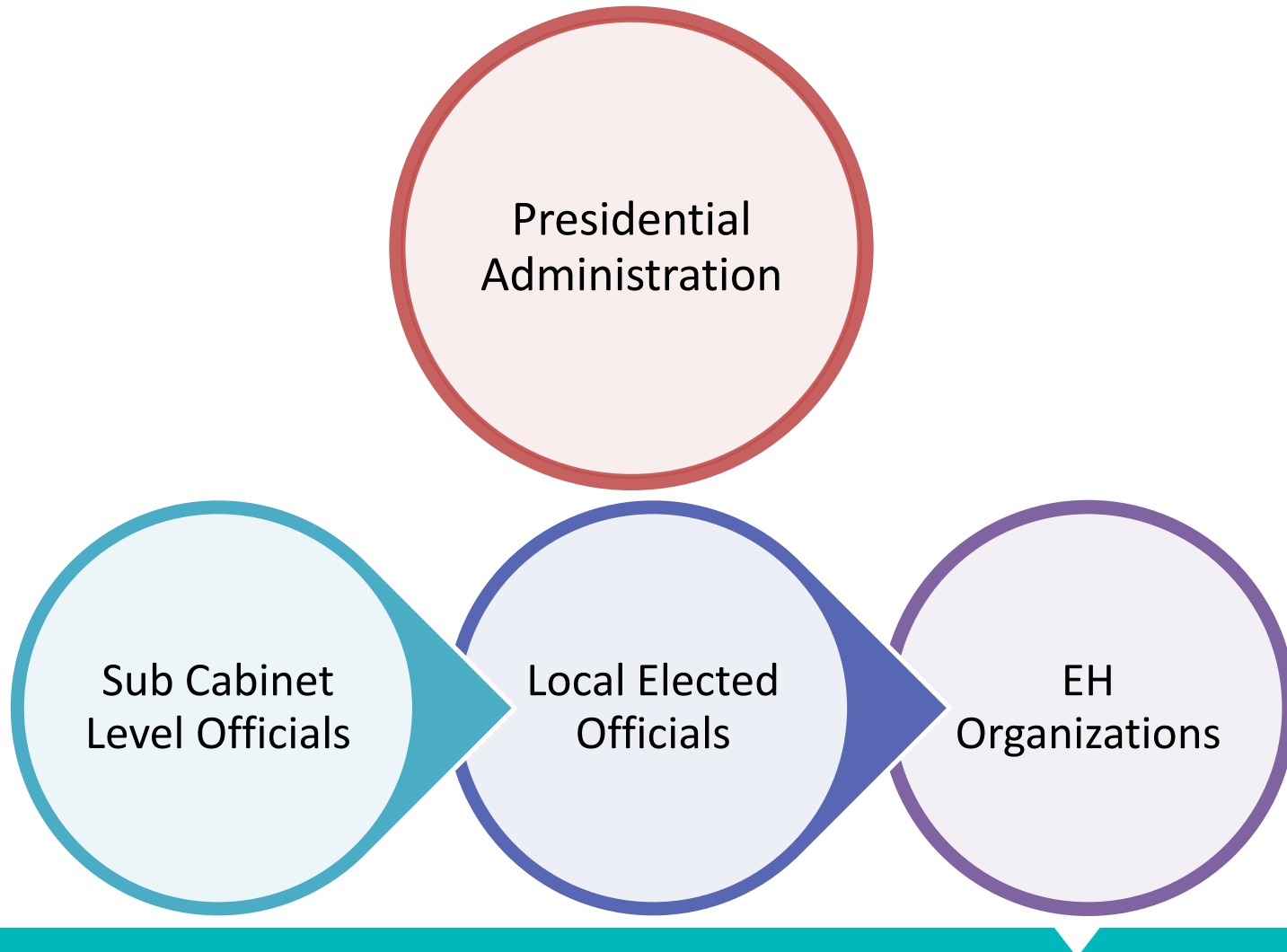
CHILDREN'S ENVIRONMENTAL HEALTH NETWORK



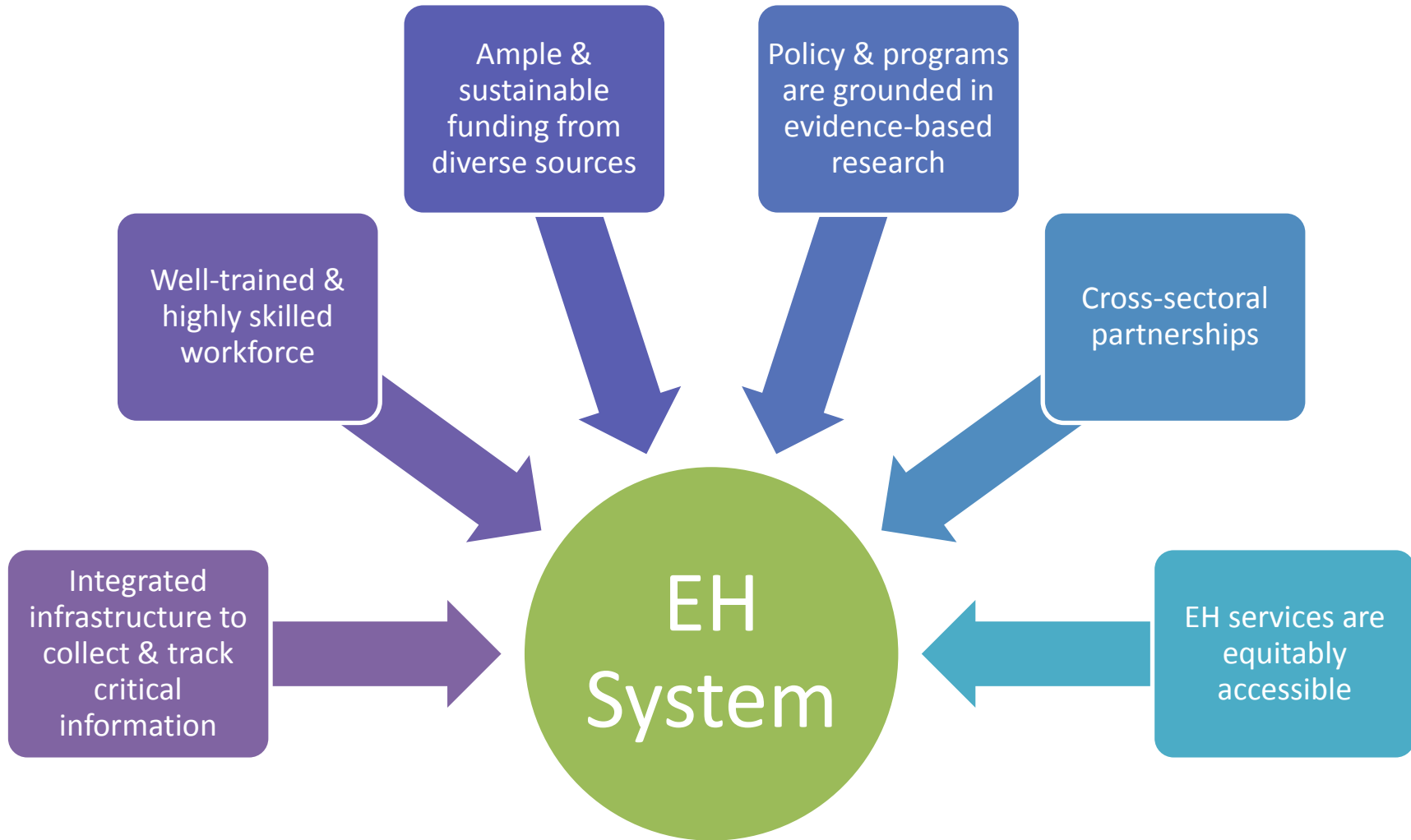
Alliance of Nurses for Healthy Environments



Audience & Goals



Six Tenants of an Environmental Health System



Environmental Health Playbook

10 Focus Areas



Demonstrating EH in Action



Zika Virus Outbreak

Vector Control

Housing

Chemical Safety



Flint Water Crisis

Safe Drinking Water

Lead Poisoning



Hurricane Katrina/Super Storm Sandy

Indoor Air

Safe Water

Mental Health

Case Example

Zika Virus Outbreak



Zika infection during pregnancy has been known to cause birth defects, including microcephaly leading to an underdeveloped skull and often brain size.

Opportunities for Action

- 1) Increase mosquito surveillance
- 2) Instill confidence in the public
- 3) Ensure a qualified environmental health workforce

Case Example

Flint Water Crisis

Opportunities for Action

- 1) Stronger enforcement of the Safe Drinking Water Act's Lead Copper Rule
- 2) Improve surveillance capabilities to prevent, detect and monitor exposures
- 3) Develop a federal interagency plan to eliminate lead exposure



Most water systems damage, like in Flint, Michigan could be prevented with the proper investments, regulations and enforcement.

Case Example

Hurricane Katrina and Super Storm Sandy



In August of 2005, Hurricane Katrina flooded the city of New Orleans, Louisiana, damaging or destroying over 100,000 homes, and causing \$108 billion in damage.

Opportunities for Action

- 1) Promote clean air for all
- 2) Improve surveillance capabilities to prevent, detect and monitor large-scale exposures
- 3) Ensure a qualified environmental health workforce

Opportunities for Action

Prevention

- Enable federal, state, local and tribal governments to promote resilient, equitable and healthy communities for all

Response

- Build and support the governmental environmental health system

Real-life Solutions

- Strengthen environmental health protections and support peer-reviewed research

Environmental Health Playbook

Acknowledgements

Laura Anderko,
Council Co-Chair

Kristin Hill,
Special Advisor

Jack Rayburn,
Former Co-Chair

Scott Becker

Richard J. Jackson,
Special Advisor

Amanda Reddy

Suzanne Condon,
Special Advisor

Megan Latshaw

Hope Roobol

Dave Dyjack,
Council Co-Chair

Jennifer Li

Kathy Sessions

Doug Farquhar

Janice Nolen

Charles Treser

Maida Galvez

Surili Patel,
Lead Contributor

Nse Obot Witherspoon

The Environmental Health Playbook was funded through cooperative agreement 5U38OT000131-04 between the Centers for Disease Control and Prevention and the American Public Health Association. The content of this document does not necessarily represent the official views of the Centers for Disease Control and Prevention.

Thank You.

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