

**WORKSHOP ON CHILDREN'S ENVIRONMENTAL HEALTH  
IN CENTRAL ASIA AND THE MIDDLE EAST:  
*CAPACITY BUILDING AND NETWORKING AMONG SELECTED COUNTRIES***

*14-16 June, 2006 Almaty, Kazakhstan*



**CHILDREN'S HEALTH AND THE ENVIRONMENT**

***TRAINING AND RESEARCH ACTIVITIES PROMOTED BY WHO***

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# Training Package for the Health Sector

## *Objective:*

Improve the capacity to diagnose, prevent and manage paediatric diseases and developmental problems linked to the environment



# Training Package for the Health Sector

## *Why training?*

- Disseminate new knowledge:  
*on child, on environment, on study tools & interventions*
- Enable recognition of sentinel cases and outbreaks
- Improve the *Pediatric Environmental Exposure History Taking*
- Identify gaps of knowledge - undertake research

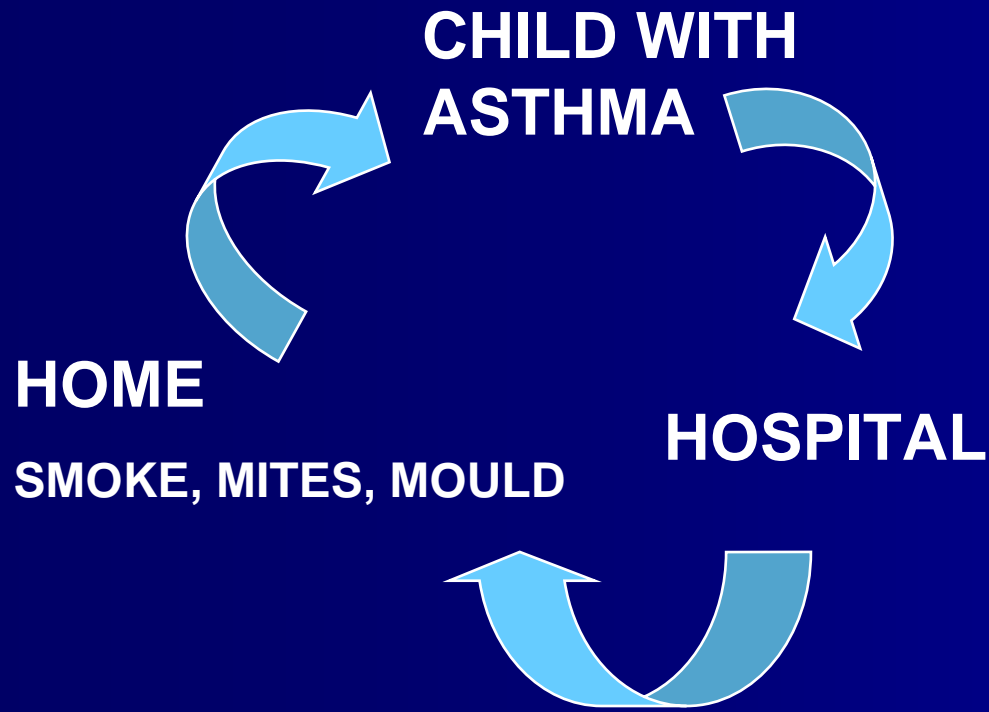
# Training Package for the Health Sector

## *Why training?*

- Find out information sources
- Discuss environmental risks with patients & parents, with community leaders and the mass media
- Implement prevention and risk-reduction strategies
- Advocate for CEH and sensitize decision-makers
- Become “champions” on the protection of CEH

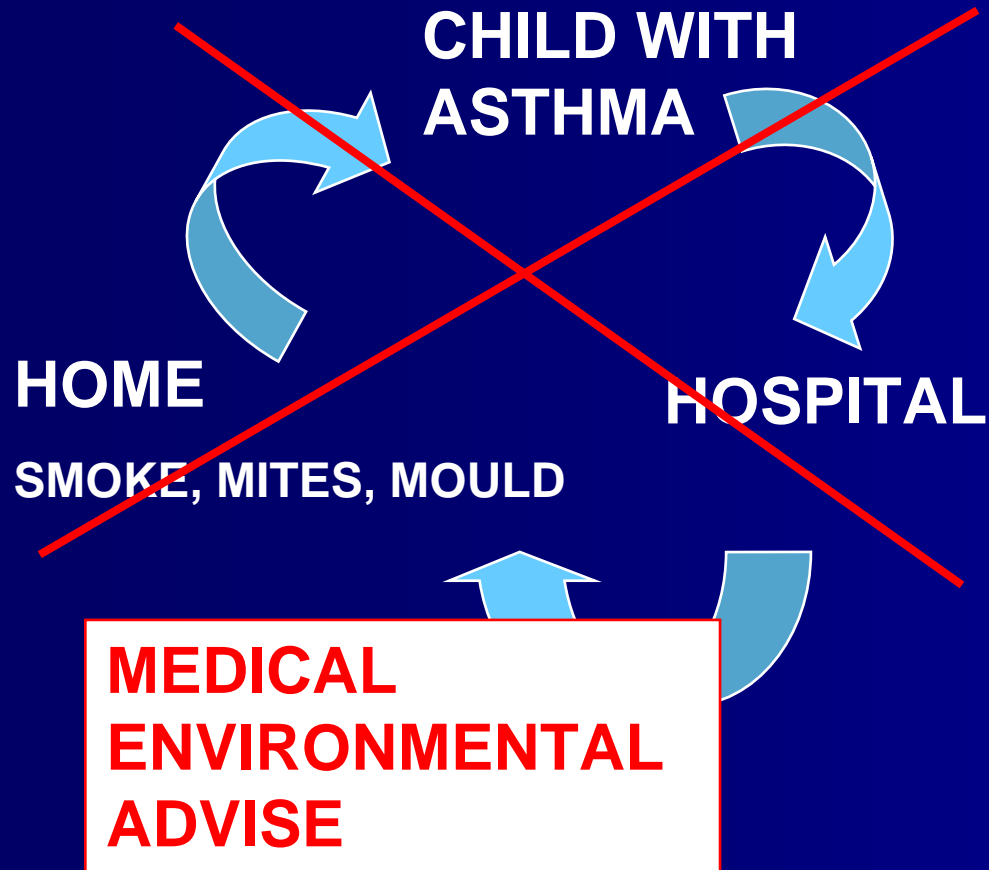
# Training Package for the Health Sector

*"Breaking a vicious cycle"*



# Training Package for the Health Sector

*"Breaking a vicious cycle"*



# Training Package for the Health Sector

- ❖ *Who needs training, education, information? ...Everybody!*
- ❖ *Where do we start?*
  - ❖ **Health sector:** medical, nursing, public health, family doctors,...  
*Curricular or post-graduate courses*
  - ❖ **Environmental sector**
  - ❖ **Educating/informing**
    - Decision-makers
    - Community
    - Mass media
    - CHILDREN!

# Training Package for the Health Sector

- ❖ WHO started with the health sector
- ❖ In the context of "capacity building"
- ❖ Partners for preparation of training materials: 15 countries
- ❖ Partners for pilot testing/implementation:  
*IPA, UNEP, countries, Regione Toscana, ISDE,...*
- ❖ Partners in support: USEPA

# Training Package for the Health Sector

Pilot testing

*...think about  
on-going events  
on pediatrics,  
nursing, health  
promotion,  
toxicology,  
epidemiology,*

*...*



*World Congress of Pediatrics, Cancun, Mexico (2004)*

# Training Package for the health sector

*Why children?*

*Children are not little adults...*

# Training package for the health sector

## ENVIRONMENTAL THREATS:

*Water, air, food, chemicals, radiations, ....*

*Emerging threats...*

## HEALTH OUTCOMES:

*Respiratory diseases, diarrhea, vector-borne diseases, cancer, developmental issues, learning disabilities....*

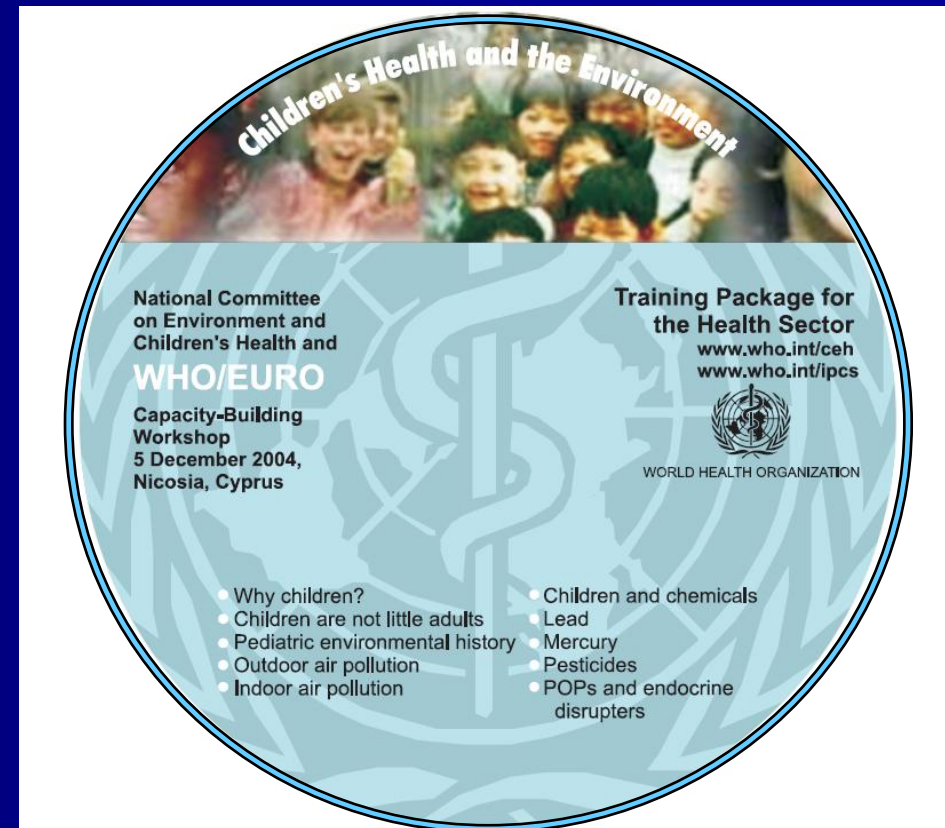
## TAKING ACTION:

*Pediatric environmental history taking, prevention, education, influencing policies*

# Training Package for the Health Sector

*Improving the capacity to diagnose, prevent and manage paediatric diseases linked to the environment*

- ❖ **Pilot Trainings:**
  - 2004: Mexico, Cyprus
  - 2005: Italy, Kenya, Argentina
  - 2006: Italy, India
  - 2007: Haiti
- ❖ **Preparation of CDs**
- ❖ **Translation: S, R, F**
- ❖ **E-learning planning**
- ❖ **Curricular courses**



# Training Package for the Health Sector

*Improving the capacity to diagnose, prevent and manage paediatric diseases linked to the environment*

## ❖ **New training materials on:**

- *Reproductive environmental health*
- *Principles for Evaluating Health Risks in Children Associated with Exposure to Chemicals*
- *Curricula for medical and nursing schools*
- *International Leadership in CEH*

# Training Package for the Health Sector

## ❖ *So, where to start?*

1. **Assess the current needs: who needs/wants training?**
2. **Identify an opportunity**
3. **Get local support and sponsors**
4. **Involve different sectors: health, environment,...**
5. **Request support to WHO Country/Regional Office**