GLOBAL TASK FORCE ON
CHOLERA CONTROL

CONSIDERATIONS IN PREPARING THE CHOLERA INVESTMENT CASE – **WASH** COMPONENT

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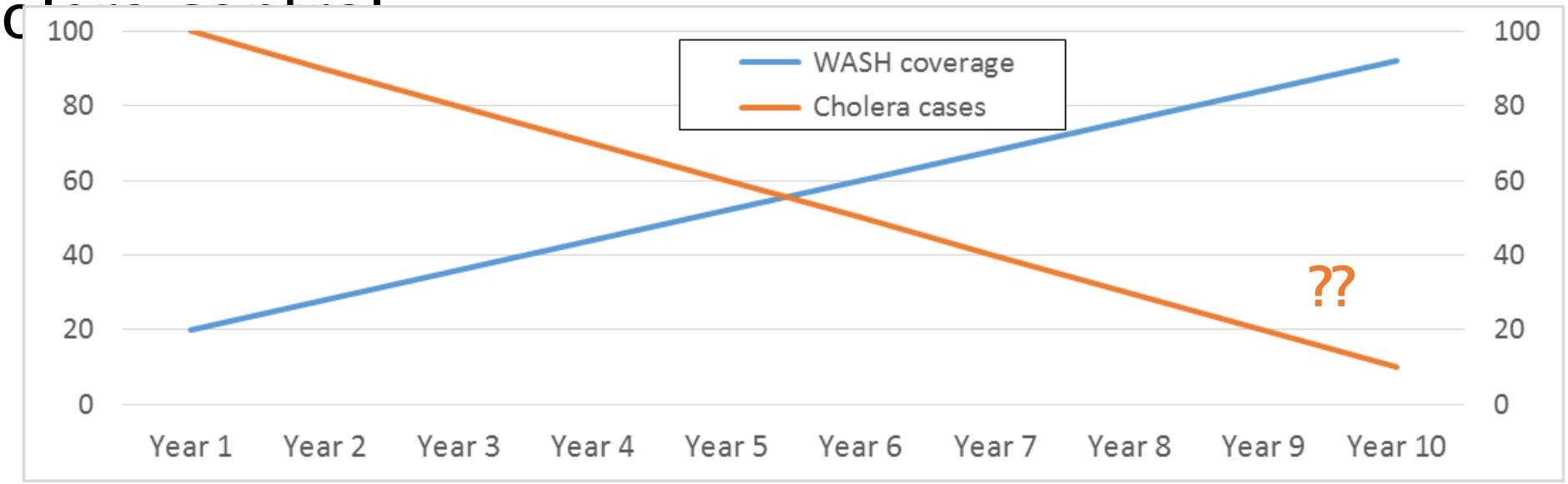
OBJECTIVES SPECIFIC TO THE CHOLERA INVESTMENT CASE – **WASH** COMPONENT

To demonstrate

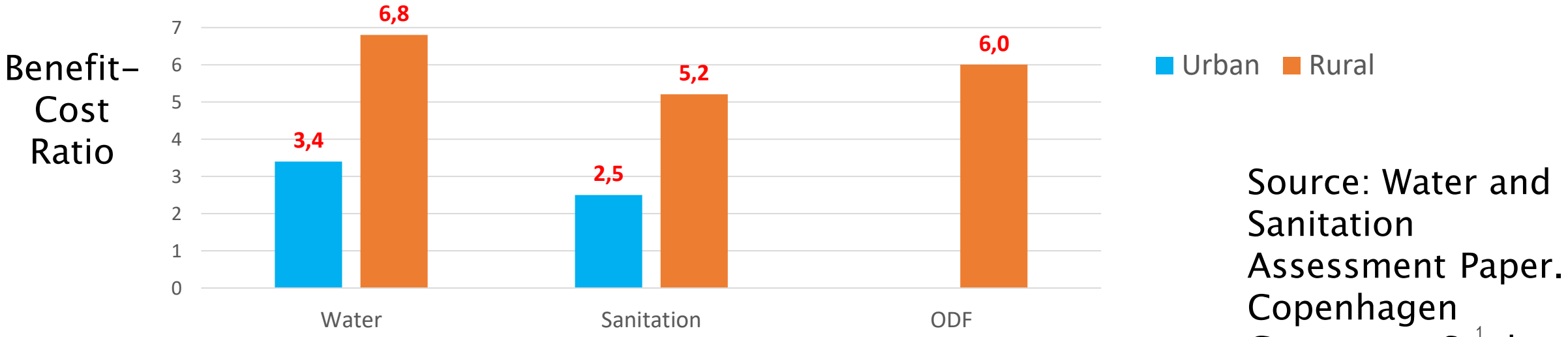
1. Cholera cannot be solved without WASH, and indeed that WASH investments reduce the long-term costs of cho



OBJECTIVES SPECIFIC TO THE CHOLERA INVESTMENT CASE – **WASH** COMPONENT

To demonstrate

2. Any investments in WASH for cholera control bring greater benefits than costs. They consist of many broader socio-economic returns. Many of the benefits



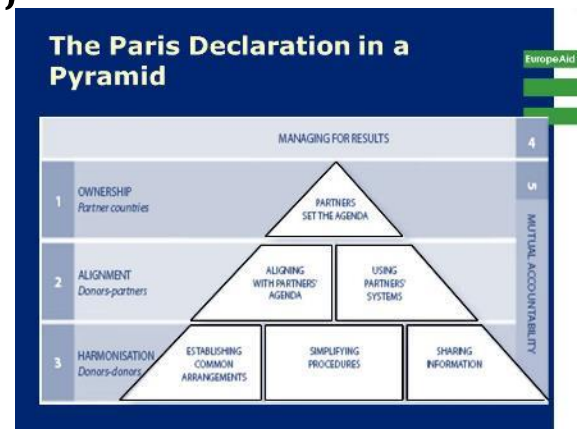
Source: Water and Sanitation Assessment Paper. Copenhagen Consensus Study.

OBJECTIVES SPECIFIC TO THE CHOLERA INVESTMENT CASE – **WASH** COMPONENT

To demonstrate

3. As the long-term WASH coverage needs major investments, it will be particularly important to engage WASH 'development' stakeholders and financiers to solve WASH in cholera hotspots, as elsewhere

Ministry of Water, Land
Environment & Climate Change



Joint Sector Reviews (JSR)

for WASH in Fragile and Non-Fragile States

What is a Joint Sector Review?

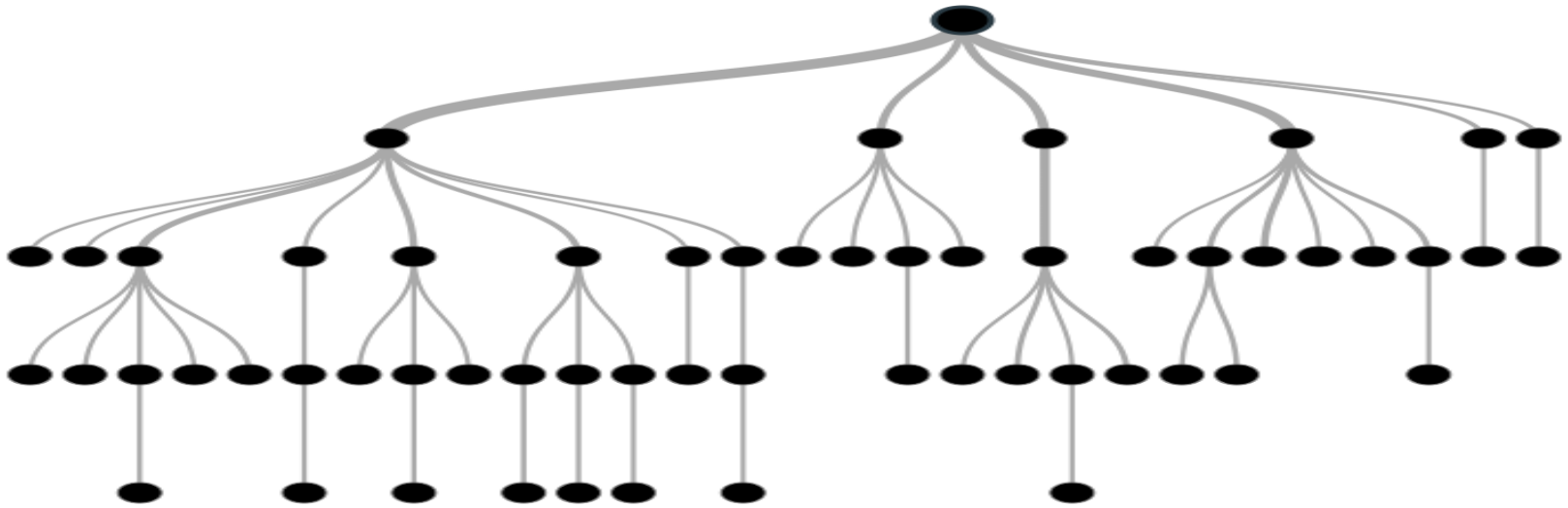
There is no standard definition of a Joint Sector Review.

For our purposes, a Joint Sector Review is a **process** that brings **different stakeholders** together to **review** the status and progress of the sector, **discuss**, (and disagree) and take decisions on **priority actions** (often called "Undertakings").

OBJECTIVES SPECIFIC TO THE CHOLERA INVESTMENT CASE – **WASH** COMPONENT

4. To provide evidence that shows how decisions about the coverage of different cholera control measures leads to different long-term outcomes, as a basis for optimal decision making on resourcing and programming

Decision analysis



KEY ELEMENTS OF A CHOLERA INVESTMENT CASE

Economic model inputs

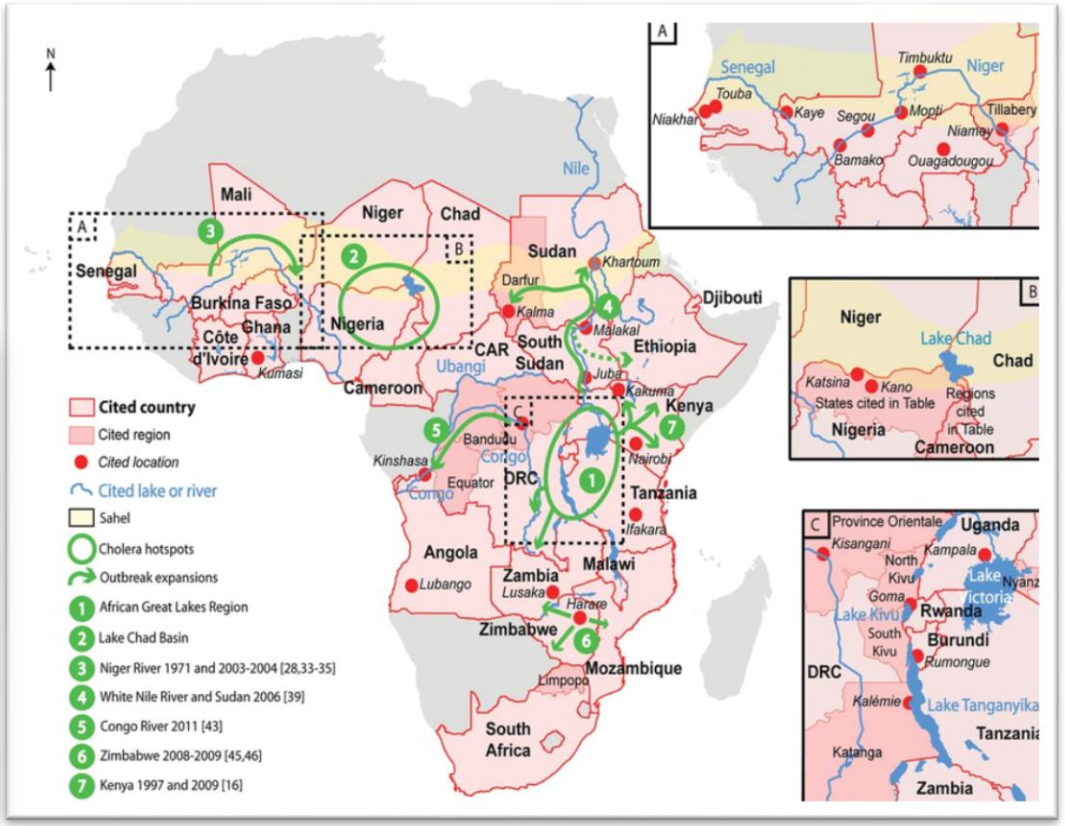
1. Population at risk
2. Unit costs of different WASH service levels
3. Intervention coverage (evolution)
4. WASH impact on:
    a. Cholera/health outcomes, alone and with OCV, CM
    b. Economic outcomes ($)

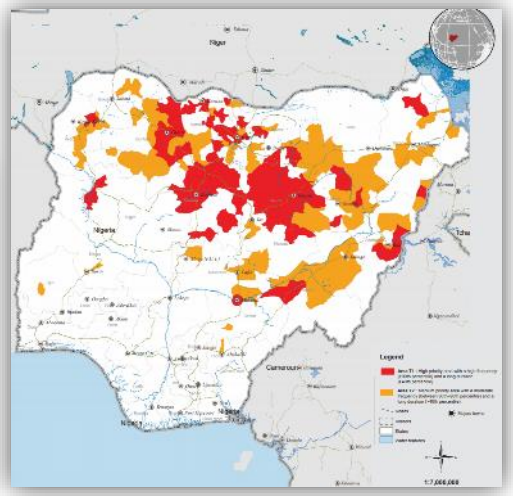
Economic model outputs, per scenario

1. Total intervention costs
2. Outbreak frequency and size
3. Health and non-health outcomes
4. Total benefit values ($)
5. Cost-effectiveness (cost/DALY avert)
6. Cost-benefits ($)

DECISIONS TO MAKE

1. Levels of analysis to implement:
    a. Global
    b. Cholera basins
    c. National (prioritized countries)
    d. Hotspot-specific





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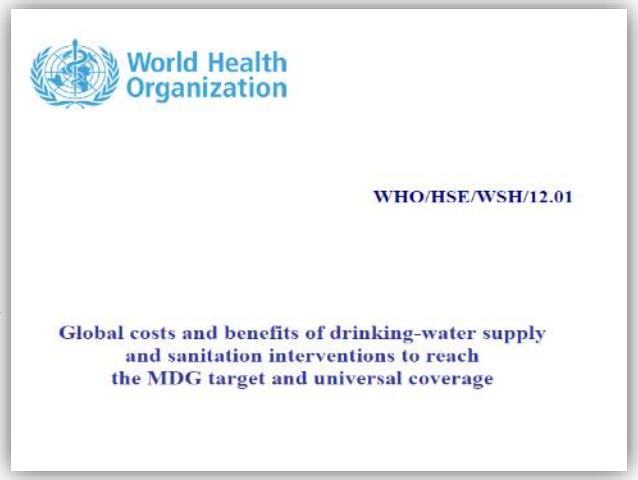
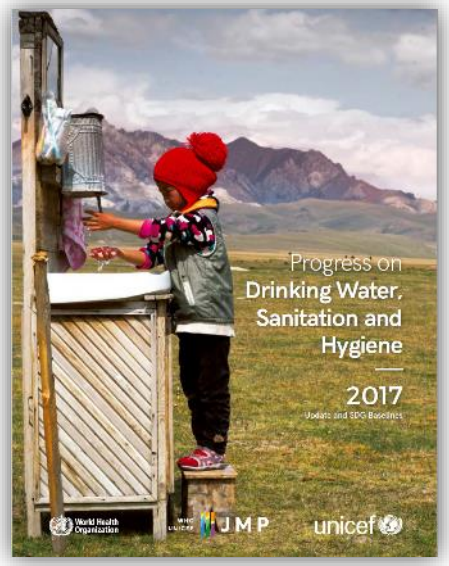




1. Levels of analysis to implement:
   a. **Global** – prior studies assembled country data sets on
      ∫ Coverage levels of basic and of safely managed WASH
      ∫ Unit costs of basic and of safely managed WASH
      ∫ Health outcomes – diarrheal cases and mortality

And >40 countries have adopted an SDG WASH country costing tool

Population-cholera risk studies allow for a global & regional analysis

DECISIONS TO MAKE

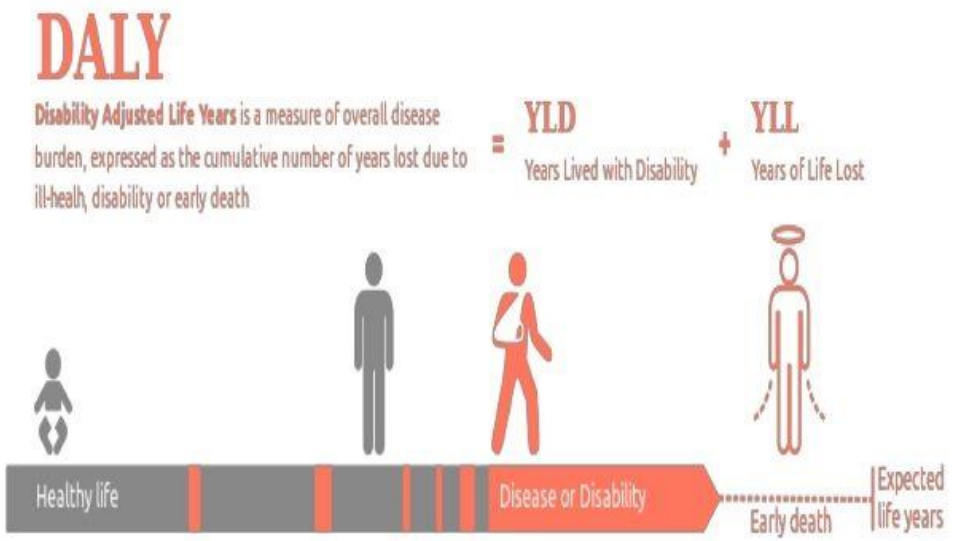
2. Intervention scenarios
    a. WASH only, different intensities (CM unchanged)
    b. WASH and OCV combined, different intensities
    c. Heightened CM, combined with a & b
    d. Heightened surveillance and preparedness measures

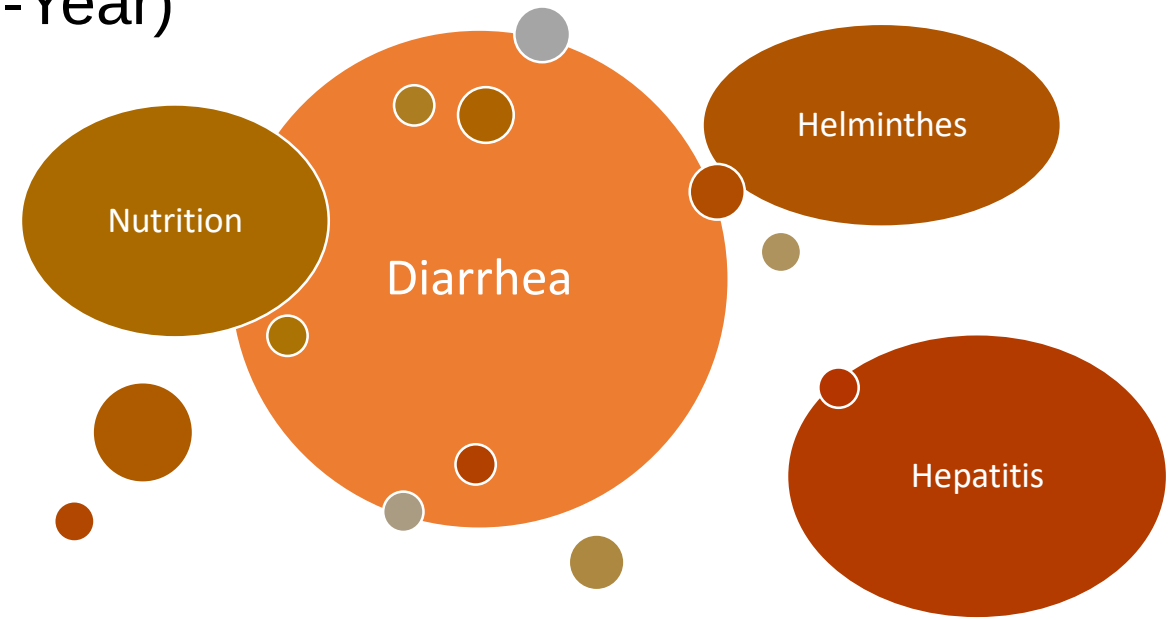
DECISIONS TO MAKE

3. Health outcomes

    a. Which non-cholera health outcomes to include

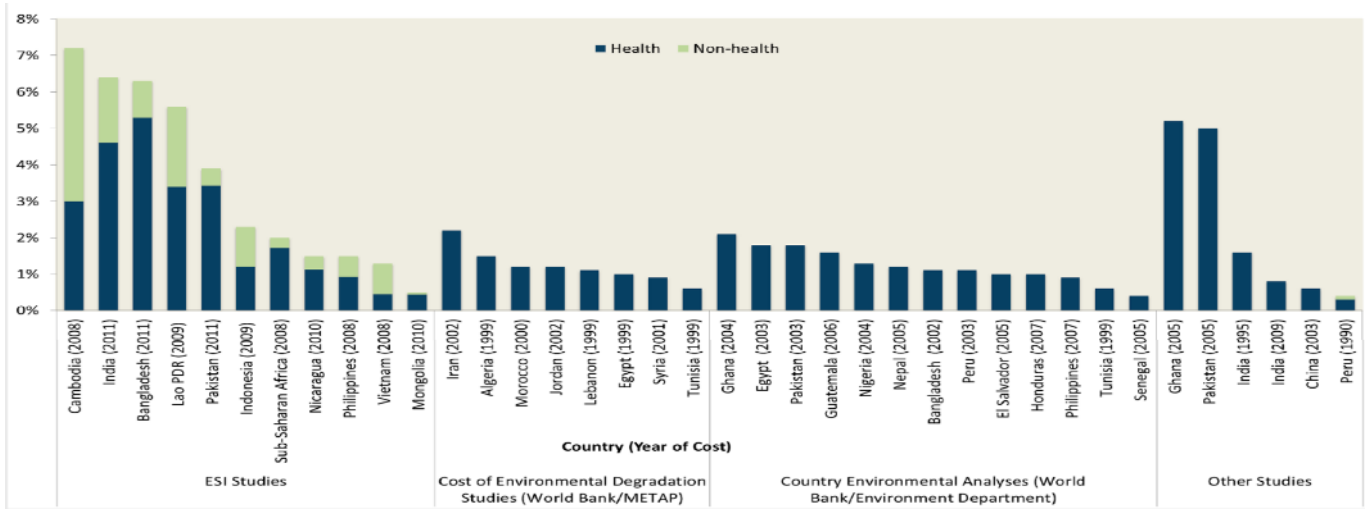
    b. Whether to value in index measure such as DALY (Disability-Adjusted Life-Year)





DECISIONS TO MAKE

4. Non-health outcomes
    a. Which outcomes to include
    b. How to value in monetary terms
    c. How to present in an overall cholera investment case



- Time savings
- Water quality
- Community spaces
- Home environment
- Dignity
- Resource reuse
- Schooling
- Tourism
- Exports

DECISIONS TO MAKE

5. How to phrase results for different types of financier, both for WASH and non-WASH?

2 National Government Allocations

2 Donor Sector Allocations

1 Earmarked WASH Funds

2 Sub-National Government Allocations

3 Providers of Services and Goods

4 Local NGOs, CSOs, Companies

5 Households in Hot Spots

6 Recycle and Reuse Market

Merci,
Thank You

Q & A