

# REDUCING THE GLOBAL BURDEN OF LEPTOSPIROSIS

A WORTHWHILE INVESTMENT TOWARDS SIGNIFICANT CHANGE

## BUDGET PROPOSAL, 2009-2012

*Get involved...*

### Budget for estimating the global burden of human leptospirosis

USD

LERG meetings (December 2009, September 2010, March 2011)

241 000

### Contracted burden work

211 000

Systematic literature review, transmission model & risk mapping, country tools

### Country work

200 000

Pilot studies to translate estimates to policy, Country extension and communication of results

### Communication materials

151 000

LERG publications, country extension materials

Update guidance on diagnosis, surveillance, control and management of leptospirosis

### Total

803 000

## THE PLAN

With funding LERG plans to:

- Convene LERG to estimate the burden of human leptospirosis worldwide according to age, sex and WHO regions
- Develop a transmission model for leptospirosis
- Produce risk mapping tools
- Facilitate knowledge translation into policy
- Provide countries with appropriate tools and knowledge



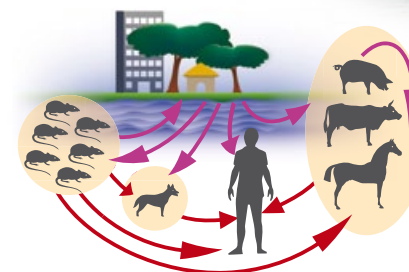
## CONVERTING DISEASE BURDEN ESTIMATES INTO GLOBAL IMPACT

- People living in unsanitary conditions in peri-urban-slums are at greater risk of leptospirosis infection. One billion of the world's population resides in slums and the number is expected to double by 2035.
- Environmental trends causing unusually high rainfall and flooding give rise to severe leptospirosis epidemics.
- Livelihoods of rural communities are at risk when farmers are in ill-health from diseases like leptospirosis which contributes to a cycle of disease and economic disparity in low income countries.



## RISK FACTORS FOR LEPTOSPIROSIS:

- Increased rainfall and flooding
- Inadequate floodwater drainage
- Slum dwellings
- Proximity to open sewers
- Overcrowding
- Contact with animals
- Poor hygiene and sanitation
- Workplace exposure



For further information about LERG: [www.who.int/zoonoses/diseases/lerg/en/](http://www.who.int/zoonoses/diseases/lerg/en/)  
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