



# TB one of the best investments

**Bjorn Lomborg**

[COPENHAGENCONSENSUS.COM](http://COPENHAGENCONSENSUS.COM)  
[LOMBORG.COM](http://LOMBORG.COM)

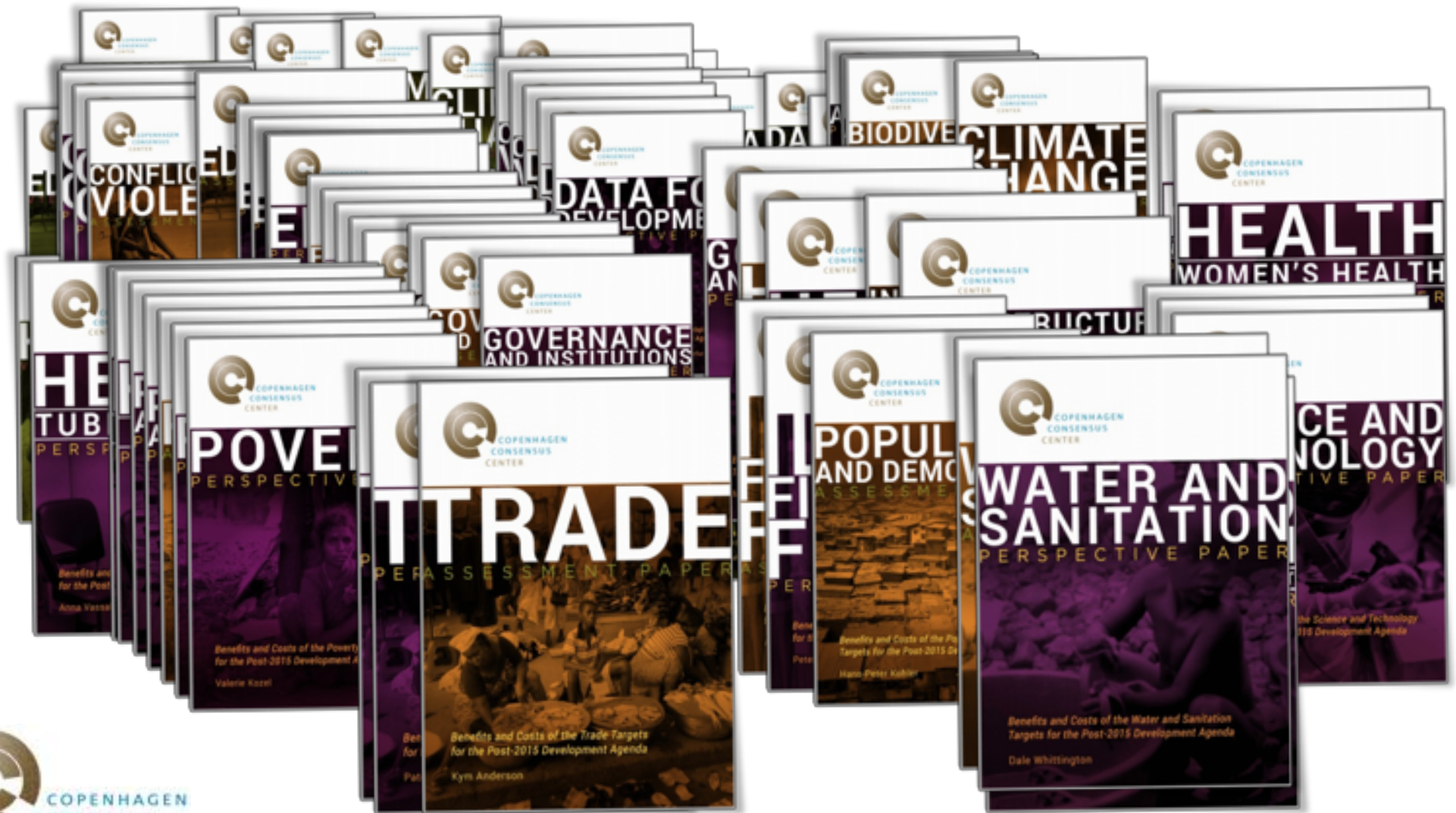
# Cost-benefit analysis

To help best prioritize the SDG spending

# Copenhagen Consensus

- We've been helping prioritize for 15 years
  - **“Where will the *next* \$ or ₹ do most good?”**
- Work with 300+ of the world's top economists
  - **Including 7 Nobel Laureates**
- The methodology has been applied many places
  - **Haiti, Bangladesh, India and Ghana**
  - **How best to fix climate, health, HIV and US schooling**
  - **How to prioritize the SDGs**





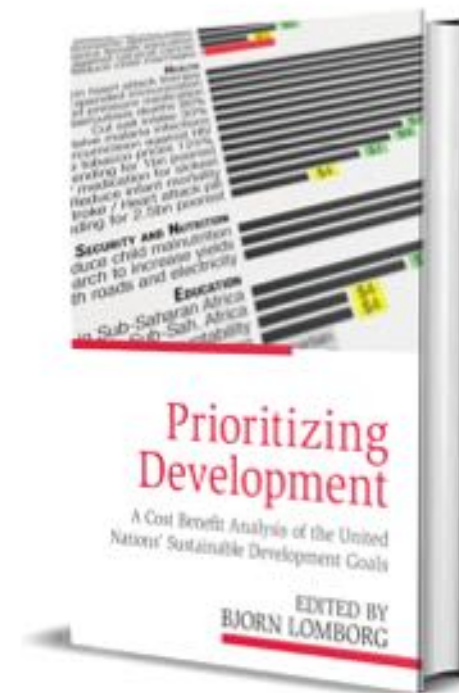
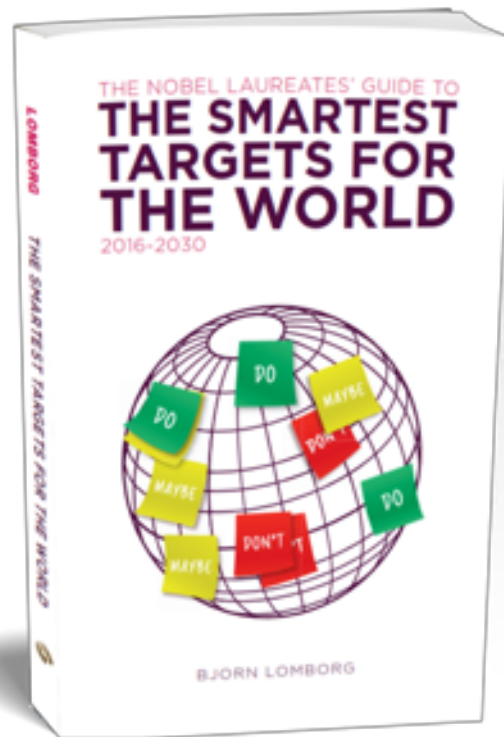
# The East African

CHINADAILY Kathmandu Post Jakarta Post  
Bangkok Post Times M týždeň  
Neue Zürcher Zeitung hvg.hu U.K. News ALJAZEERA TIME FT FINANCIAL TIMES  
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ABC LA RAZÓN O GLOBO WSJ  
SYDSVENSKAN Die Presse de Volkskrant  
Pönsula BÖRSEN FREI SEIT 1848  
ETtoday 東森新聞 THE STAR Berliner Zeitung EL TIEMPO  
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ClarinX The Sydney Morning Herald THE NEW YORKER

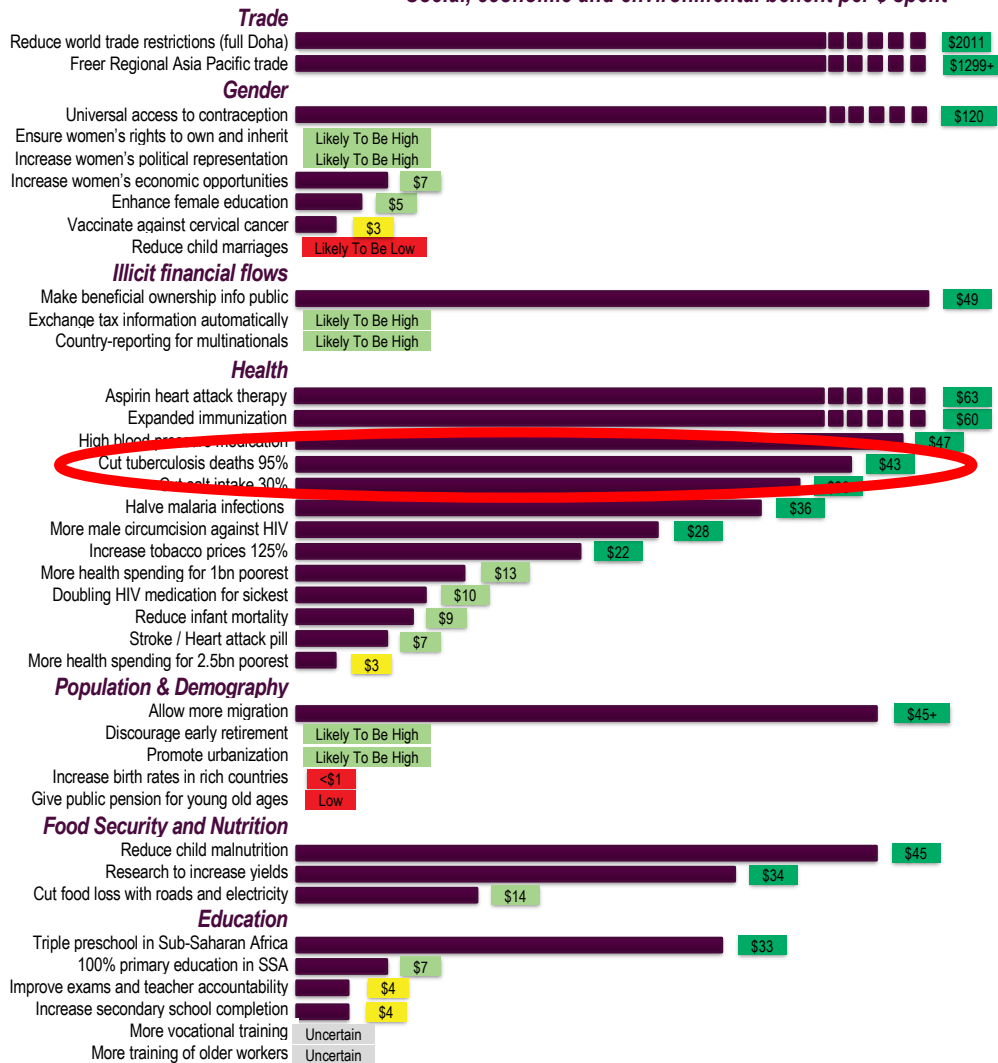
Better data is needed for better results but it will cost a huge chunk of aid  
Cleaner cooking, electricity, better lives: A case for reliable, affordable energy  
Good nutrition makes healthy children and productive adults  
Providing legal identity, a step to good governance  
Use less smoky stoves to combat air pollution  
Improved sanitation, access to water good for development  
Oil prices drop, time to lay carbon tax  
New policy aims at lower energy costs  
To combat climate change, consider better cookstoves  
For each \$1 spent to save reefs, \$24 of environmental benefits are made  
Empowering women benefits all from the individual to the nation  
Schools face more threats in US  
Oil prices drop, time to lay carbon tax  
Fast track approach to end Aids epidemic



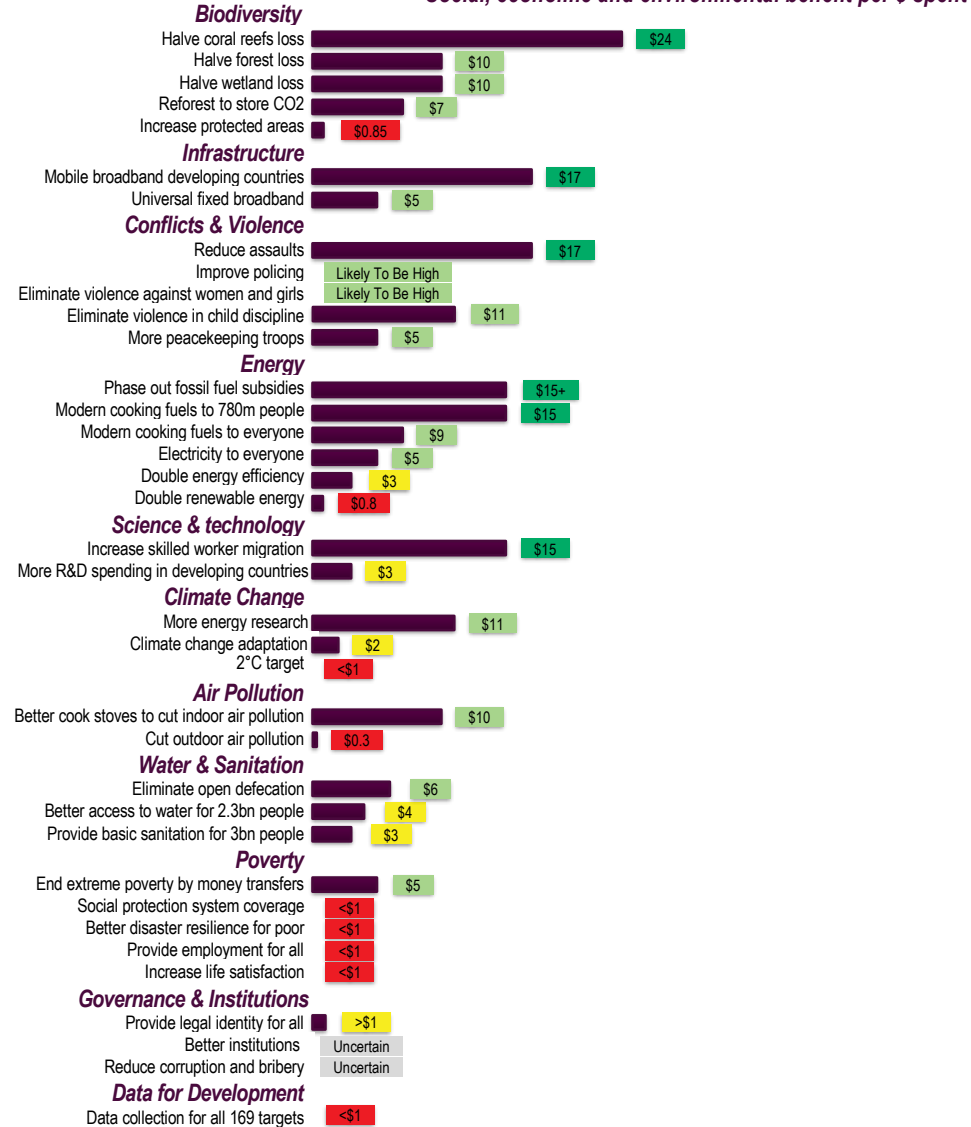
# Priorities for the SDGs



**Social, economic and environmental benefit per \$ spent**



**Social, economic and environmental benefit per \$ spent**



# Tuberculosis

- Cost

- **Latent TB screening**

- \$1,592 per TB found and treated (2.7m cases missing each year) = \$4.3bn

- **TB treatment drug sensitive**

- \$387 per person cured (5.8m cases) = \$2.2bn

- **TB treatment multi-drug resistant**

- \$3,228 per person cured (0.5m cases) = \$1.6bn

- **Total cost: \$8.1 billion annually or \$907 per TB person**



# Tuberculosis

- Benefit
  - 20 life years on average saved
  - \$1,000 or \$5,000 per DALY
  - 3% or 5% discount rate

Benefit per person	\$1,000	\$5,000
3%	\$14,877	\$74,387
5%	\$12,462	\$62,311

- Median benefit: \$38,594
- Cost \$907

- BCR is 43



# RAJASTHAN PRIORITIES

- A partnership with Tata Trusts and the Copenhagen Consensus



 **RAJASTHAN PRIORITIES** AN INDIA CONSENSUS PRIORITIZATION PROJECT



**Eminent Panel Conference**  
8-11 June, Jaipur

 **INDIA CONSENSUS** A TRUSTS & COPENHAGEN CONSENSUS CENTER PARTNERSHIP

# Tuberculosis #1

- Tuberculosis killed 40,600 in 2016
- 60% go to private care, but get sub-standard treatment
- National Strategic Plan: *engage* with private providers
  - **Subsidies for high-quality diagnostic tests**
  - **Free TB treatment for all those treated in the private sector**
  - **Adherence support to patients with linkage to a call centre**
  - **Provider support for notifying TB**
- Average cost per year ₹15.2 crores (\$2m)
- Average benefit per year ₹2,721 crores (\$373m)
- Each rupee spent on TB will produce **₹171** of social good for Rajasthan

THE SATURDAY ESSAY

## Bill Gates: The Best Investment I've Ever Made

Global health groups that buy and distribute medicines are a sure bet for saving lives, but their government funding is now in danger, and even the biggest philanthropies can't fill the gap

By *Bill Gates*

Investment in Global Health  
Each dollar spent produces

**\$20**

of social & economic benefits

“ The Copenhagen Consensus Center is a think tank that uses sophisticated algorithms and the best available data to compare alternate poverty-fighting strategies. Their tools have allowed us to test an interesting hypothesis: Suppose that our foundation hadn't invested in GAVI, the Global Fund and GPEI and had instead put that \$10 billion into the S&P 500, promising to give the balance to developing countries 18 years later. As of last week, those countries would have received about \$12 billion, adjusted for inflation, or \$17 billion if we factor in reinvested dividends.

What if we had invested \$10 billion in energy projects in the developing world? In that case, the return would have been \$150 billion. What about infrastructure? \$170 billion. **By investing in global health institutions, however, we exceeded all of those returns:** The \$10 billion that we gave to help provide vaccines, drugs, bed nets and other supplies in developing countries created an **estimated \$200 billion in social and economic benefits.** ”

**THE WALL STREET JOURNAL.**

<https://www.wsj.com/articles/bill-gates-the-best-investment-ive-ever-made-11547683309>

# Main point

- No matter which way you slice it
  - **Spending on TB is one of the world's best investments**