



GLOBAL TASK FORCE ON

**CHOLERA CONTROL**

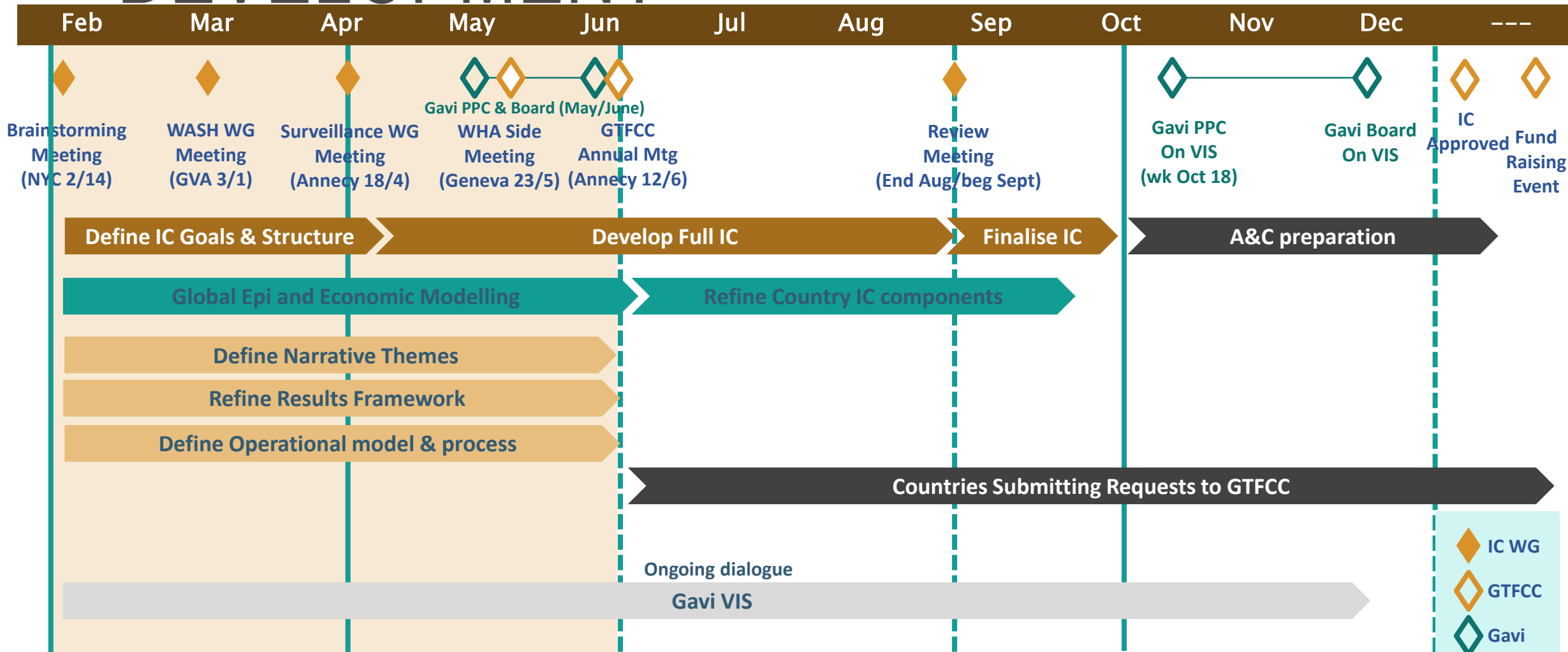
# UPDATE ON CHOLERA INVESTMENT CASE

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14 June 2018

# UPDATE ON INVESTMENT CASE DEVELOPMENT

2018











2019



-  IC WG
-  GTFFC
-  Gavi



# INVESTMENT CASE STRUCTURE AND CONTENT

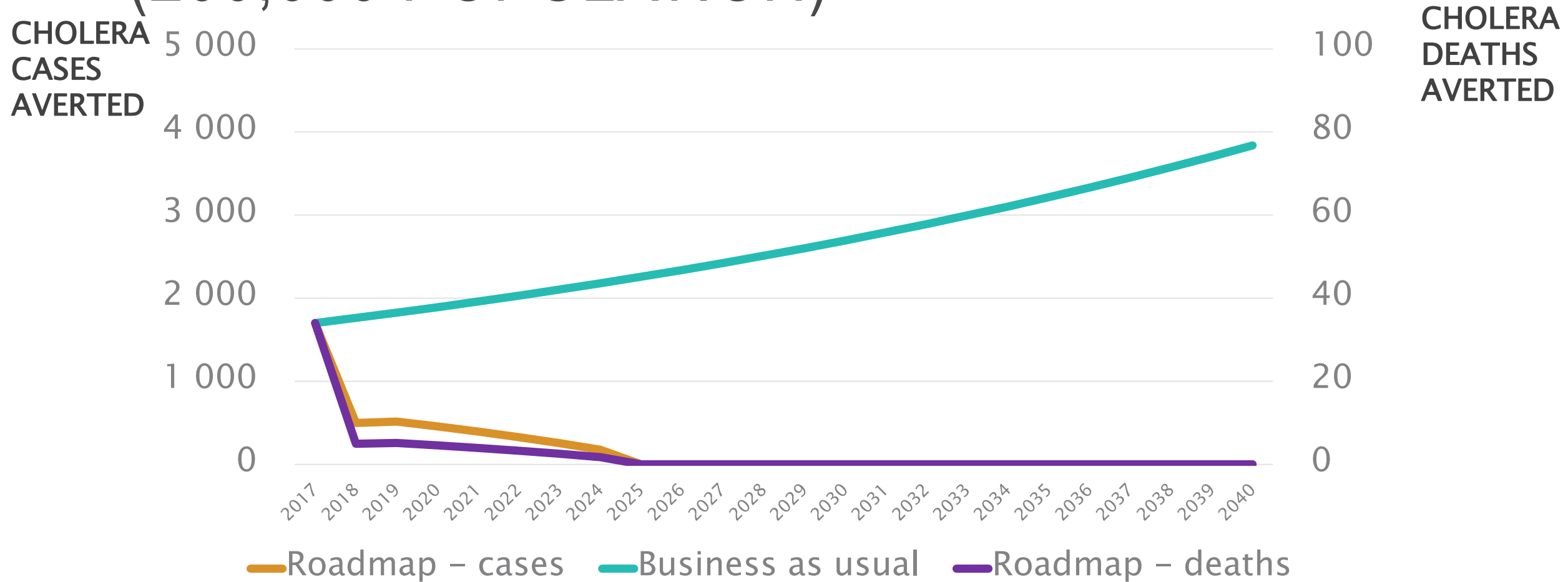
-  The issue
-  The opportunity
-  Benefits
-  Resource requirements
-  Sustainability plan
-  Alignment with other strategies
-  Challenges, Risks, and Mitigation
-  Measurement and Evaluation
- 
-  Funding Mechanism
-  GTFCC Operational Model



# COST-BENEFIT MODELLING

- 2 OCV campaigns assumed, 3 years apart (1 or 2 years to complete)
- All countries except conflict-affected projected to achieve 80% WASH coverage by 2030, from half the % of SDG baseline
- Start year: based on country's readiness to operationalize the roadmap
- End year: based on whether it is higher or moderate capacity, or crisis context – costs and benefits modelled until 2040
- Roadmap package includes response preparedness, surveillance, WASH interventions ('basic' plus safety), OCV and improved case management
- WASH benefits include reductions in diarrheal disease and time savings

# PROJECTED HEALTH BENEFITS (CHOLERA) OF IMPLEMENTING ROADMAP IN ILLUSTRATIVE URBAN HOTSPOT (200,000 POPULATION)

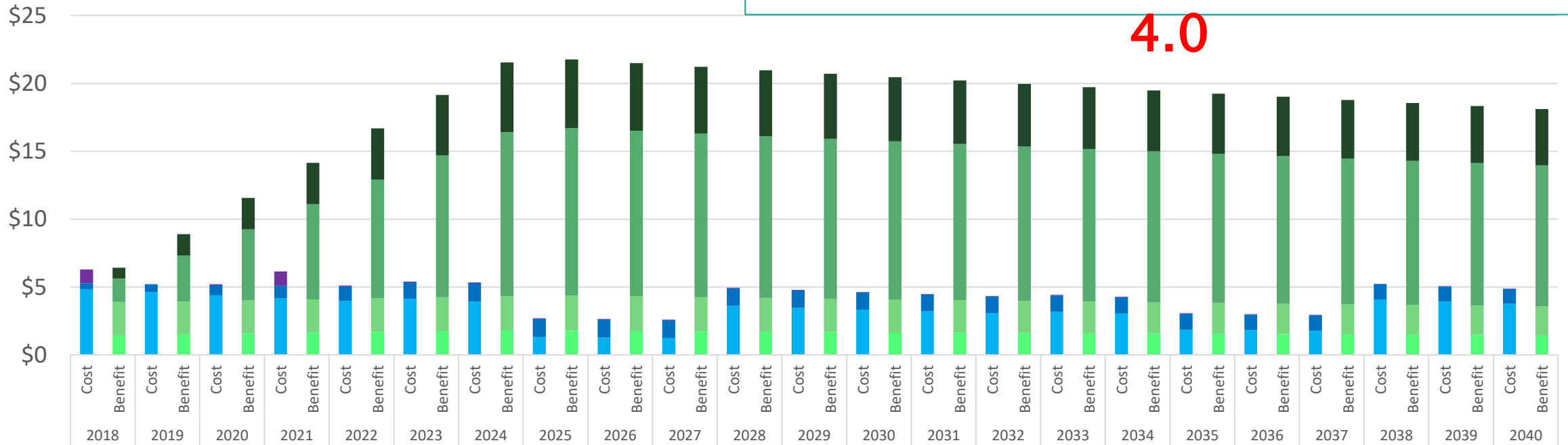


# COST-BENEFITS IN ILLUSTRATIVE HOTSPOT

MILLION

**OVERALL BENEFIT-COST RATIO:**

**4.0**



- Cost: WASH Capital
- Cost: OCV Campaigns, Surveillance
- Benefit: Cholera productive time losses averted
- Benefit: WASH access time savings

- Cost: WASH O&M
- Benefit: Outbreak response & CM averted
- Benefit: Diarrhea averted

# NEXT STEP: SCALING UP TO ALL 47 COUNTRIES

- Hotspot population and cholera disease burden based on JHU estimates
- OCV coverage, effectiveness, and prices same as GAVI investment case
- WASH disease burden from WHO burden of disease study & MICS/DHS
- WASH unit costs from SDG cost study + in-country validation
- Outbreak responses & costs – global assumptions + in-country validation
- Sensitivity analysis used on key variables (assumptions, data uncertainties)
- Not included in global quantitative cost-benefit analysis, but

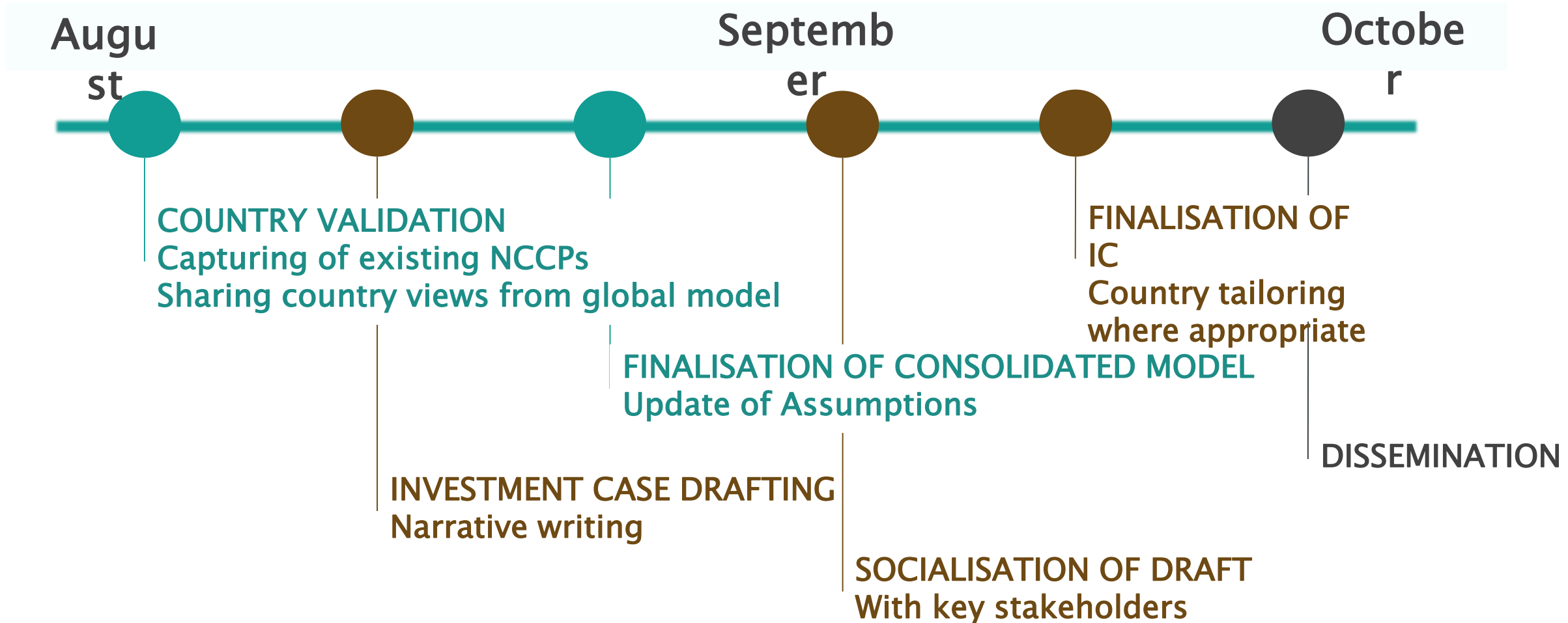
# FURTHER STEP: MODEL AVAILABLE TO COUNTRIES

Based on the global model:

1. Basic cost–benefit model with list of variables and values used for each country in global investment case
  - Opportunity to add other variables?
2. Output screen (tables, graphs)
3. Reporting template automatically filled
4. Written guideline to be provided on how to adjust and adapt model
5. In–country technical assistance



# NEXT STEPS



# IMMEDIATE ACTIONS

- Discussion and validation of current **Model Assumptions** – *started with today's lunch*
- Mapping and collection of existing **National Cholera Control Plans (NCCP)**
- Mapping and sizing of current **Financing Flows and Sources**
- Alignment of Investment Case with **Advocacy and Fund Raising** strategies
- Sharing of **Global Model** to countries
- Start of drafting of Investment Case **Narrative** incorporating GTFCC input
- Outreach to stakeholders



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THANKS FOR THE ATTENTION