



**TB Modelling and
Analysis Consortium**

TB MAC/WHO/MRG Annual Meeting 1st - 4th Oct 2019 Istanbul



Outline

D1
TB MAC/WHO

Benchmarking, reporting and
review
Activities to impact

D2
TB MAC/WHO

Economics
KPI4
Subnational TB estimates

D3&4
TB MAC MRG

Modelling the interplay of
TB with UHC

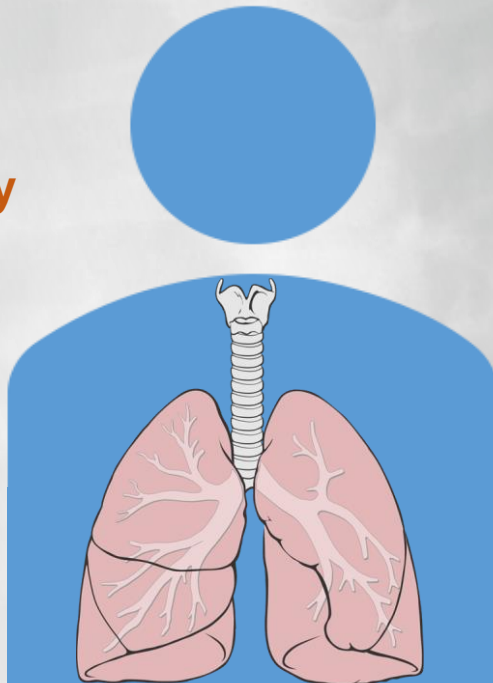
Why does TB MAC exist?



Complex Natural History



Range of interventions



Range of settings

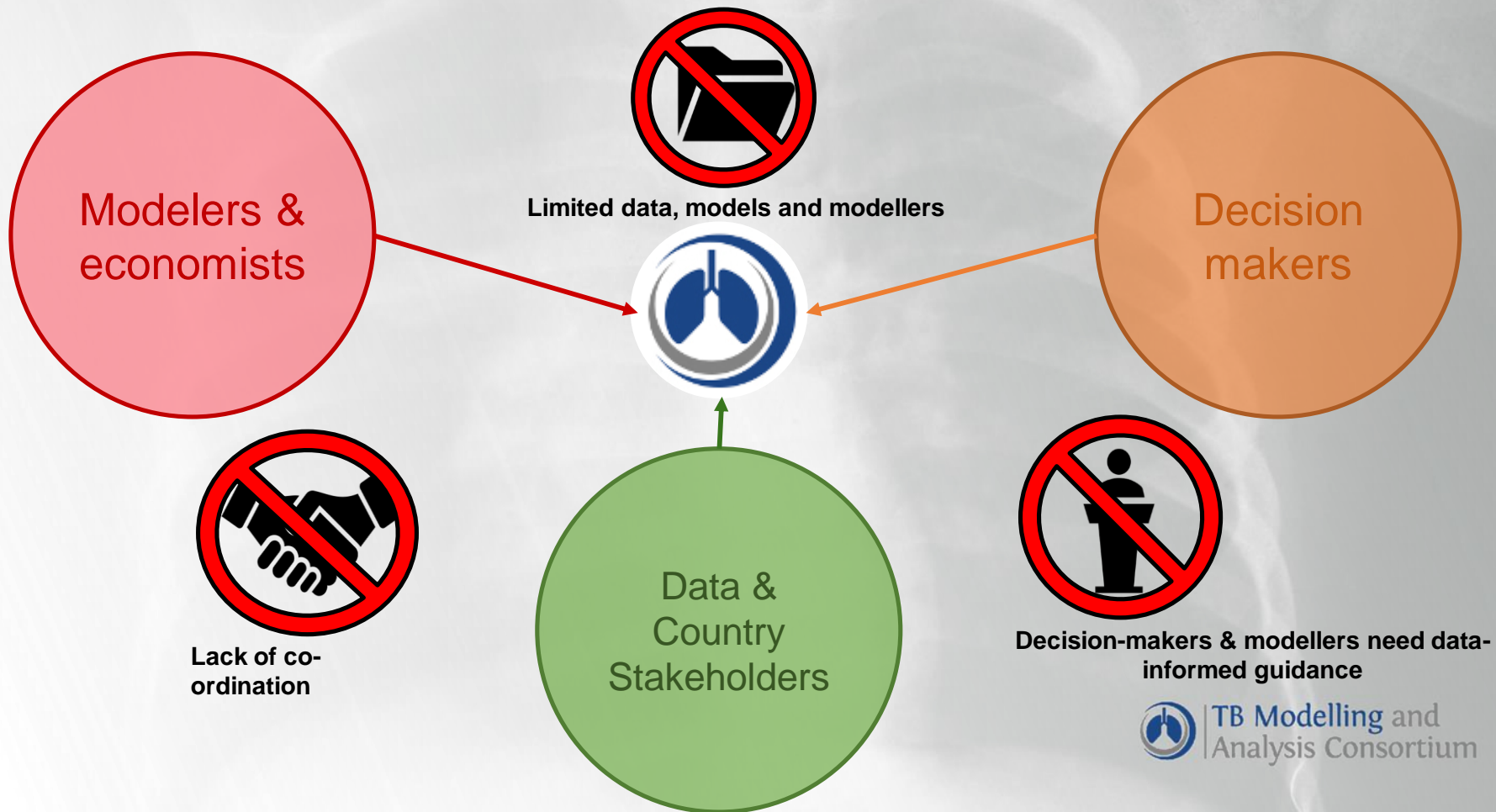


**Compare strategies,
quantify uncertainty**



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Why does TB MAC exist?



2012-16 TB MAC impacts

Helped
foster
links



Influenced
development of
global level
models &
methods, eg WHO
estimates for TBi
& TBm



Provided
evidence at
high-level
meetings,
eg GF
external
review



Supported
WHO Task
Force
reintroduce
modelling



Influenced develop.
& use of country
level models, eg SA
1st TB&HIV invest
case, 1st ring fenced
TB grant, &
increased domestic
TB funding



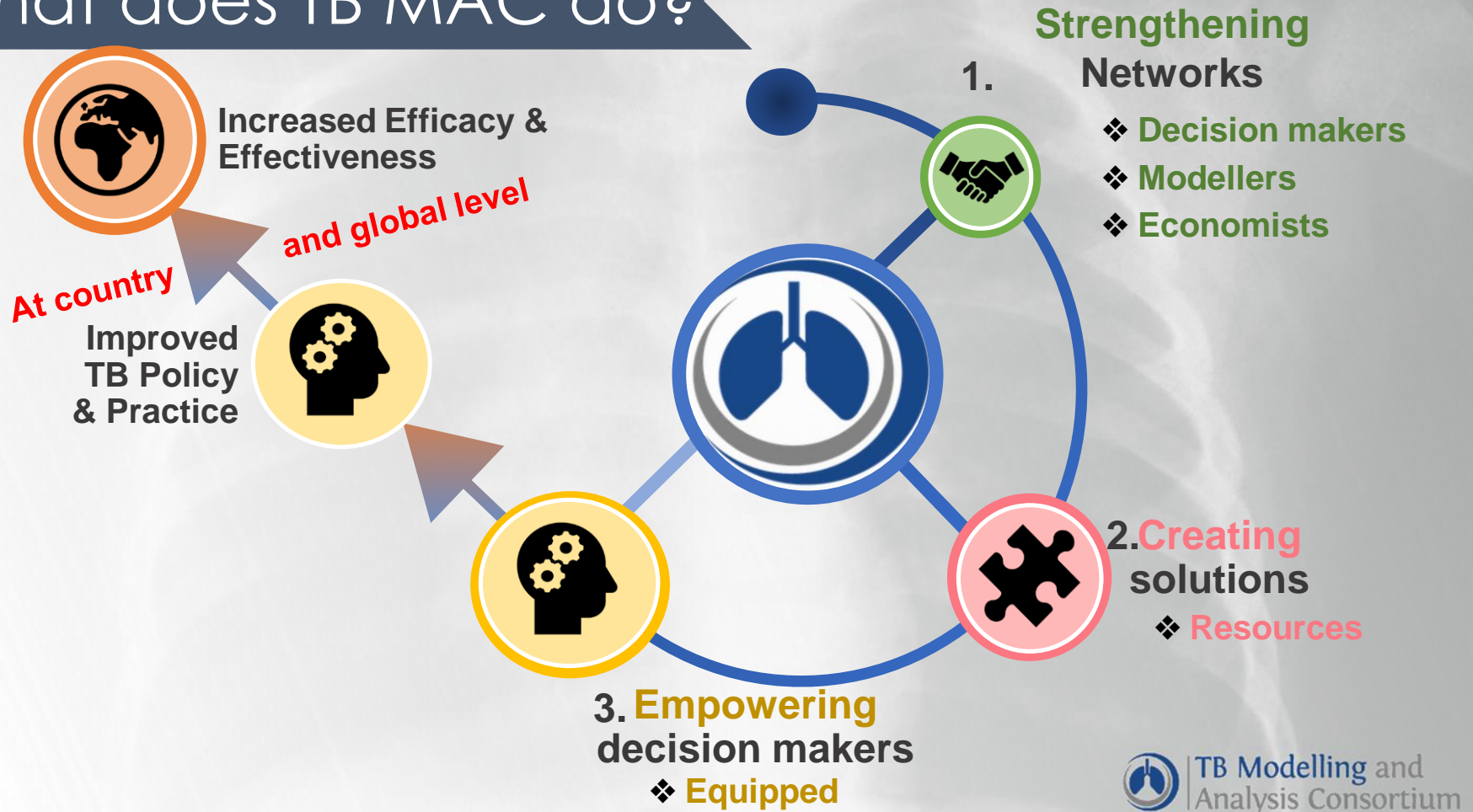
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TB MAC 2017-20

What does TB MAC do?



Who are TB MAC?



Katherine Floyd
WHO



Anna Vassall
LSHTM



Anna Bershteyn
IDM



Hsien-Ho Lin
National Taiwan University



Geoff Garnett
BMGF



David Dowdy
JHU



Nick Menzies
Harvard



Ted Cohen
Yale

Steering Committee



Jeremiah C. Muhwa
The Union



Liz Corbett
LSHTM



Philippe Glaziou
WHO



Carol Levin
UW



Geoff Garnett
BMGF



Sevim Ahmedov
USAID



Sahu Suvanand
StopTB



Adam Macneil
CDC



Johannes Hunger
GFATM



David Wilson
World Bank



Knut Lönnroth
KI

Advisory Panel



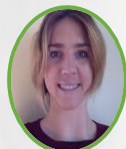
Richard White



Kristian Godfrey



Finn McQuaid



Madeleine Clarkson

Secretariat (LSHTM)



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2017+ TB MAC products summary



Strengthening Networks

- Newsletters, website & technical meetings



Creating solutions

- With GFATM, WHO, and partners
 - Created modelling guidance to improve quality of CLM
 - Operationalised via BRR framework. Piloting in Kenya + 5
- Created MRG to improve epi and econ modelling
 - Pubs on TB case detection, prevention, diag. and vaccines
 - Integrated latest TB cost data into models
- Closing data gap for CL resource allocation. Focus on ACF
- Support modelling RSC co-ord modelling in 20+ countries



Empowering decision makers

- Case studies of best practice
- Training in CLM guidance and BRR framework



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Katherine, committee member thoughts and questions

What we will have by end of meeting...

D1
TB MAC/WHO

Benchmarking, reporting and
review

- Summarise efforts so far
- Discussed how to improve the approach
- Discussed its role in country-level modelling applications
- Identified next steps for implementation

What we will have by end of meeting...

D1
TB MAC/WHO

Activities to impact

- Summarise efforts so far and current direction
- Discussants and input

What we will have by end of meeting...

D2
TB MAC/WHO

Economics

- Reflect on the current state of the art of priority setting and the economic evaluation of TB
- Identify the key challenges in the coming 3 years
- Discuss some of the solutions or actions the community can take to address these challenges

What we will have by end of meeting...

D2
TB MAC/WHO

KPI4

- Review the recommended approach
- Summarise findings so far
- Discussed how to improve the approach

What we will have by end of meeting...

D2
TB MAC/WHO

Subnational TB estimates

- Demand for subnational TB incidence estimates for planning
- Guidelines development in progress, with approaches using
 - Prevalence data
 - Mortality data
 - Other
- Main approaches will be presented with examples, pros and cons discussed

What we will have by end of meeting...

D3&4
TB MAC MRG

Modelling the interplay of
TB with UHC

- Updated stakeholders on key issues in modeling TB and UHC
- Prioritized tangible outputs (e.g., manuscripts, tools, etc.) that might be collaboratively produced
- Increased networking and sharing of knowledge between modelers, epidemiologists and other stakeholders
- Opportunity to access \$100k funding

Overall meeting report with next steps

Questions and logistics

Let's get on ...

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