

Supplementary file 1

Description of roles for GMB workshops	
Convener	To open the workshop– preferably someone who has status among the participants- and help set the tone for the workshop
Group facilitators	To facilitate the activities and to organize the outcomes of each activity into thematic clusters; to transfer products from participants to modellers.
Modeler/reflector	To develop the qualitative model and then reflect on model-based insights with the participants
Recorders/ translators	To take notes and document activities from each GMB session, including drawings of models and dynamics of the model; to provide simultaneous translation between local language and English during activities as needed.
Closer/Debrief	To give concluding remarks summarising the findings of the workshop; to lead and facilitate the debrief of the facilitation team after the workshop
Choreographer	To conceptualize and oversee the overall design of the GMB workshop, including developing the detailed agenda, scripts, and pre-workshop training.
Observers	To observe but not participate in the process.