

Table B1: Outcomes definitions – Level 1

STUDY POPULATION: Level 1 – DA members				
Outcome	Hypothesis and Treatment	Outcome description	Measurement	Notes on variable construction
Knowledge	H1a H1b, H1c T1, T2, T1+T2	<ul style="list-style-type: none"> • Knowledge about natural resource revenues • Knowledge about PRMA • Knowledge about ABFA projects • Knowledge about PIAC 	District Assembly members' questionnaire	Sum of normalized answers to: <ul style="list-style-type: none"> - S7Q1 How would you characterise your knowledge about what happens to revenues from oil and gas production? - S7Q2 How would you characterise your knowledge about what happens to revenues from mining? - S9Q2 How well do you know the content of the Petroleum Revenue Management Act, that is, the PRMA Act? (If have not heard about PRMA, that is if S9Q1=0, then S9Q2 is set 0) - S9Q5 Do you know what Annual Budget Funding Amount (ABFA) projects are? <i>Did the respondent answer: projects funded with oil field revenues or similar?</i> (0 if had not heard about ABFA or answered incorrectly, 1 if knows a little, 2 if knows ABFA well) - S9Q9 Do you know what Public Interest Accountability Committee (PIAC) does? <i>Did the respondent answer: inform citizens about oil and gas revenues or similar?</i> (0 if had not heard about ABFA or answered incorrectly, 1 if knows a little, 2 if knows PIAC well)
Attitudes	H2a, H2b, H2c T1, T2, T1+T2	<ul style="list-style-type: none"> • Attitude about rights of people with regard to petroleum revenues 	District Assembly members' questionnaire	Sum of normalized answers to: <ul style="list-style-type: none"> - S8Q1a You have a right to benefit from the oil and gas revenues Ghana receives. - S8Q1b The Government of Ghana has an obligation to publish information about oil, gas and mining revenues

		<ul style="list-style-type: none"> • Entitlement to the revenues • Obligation of government to publish information • Rights to demand information 		<ul style="list-style-type: none"> - S8Q1c You have a right to demand information about oil, gas or mining revenues from responsible national officials and leaders - S8Q1d You have a right to demand information about oil, gas or mining revenues from responsible local officials and leaders (not for DA) - S8Q1e You have a right to demand better handling of oil, gas and mining revenues from responsible national officials and leaders. - S8Q1f You have a right to demand better handling of oil, gas and mining revenues from responsible local officials and leaders. (not for DA) - S8Q2a You and other people can influence how revenues from oil, gas and mining are handled in Ghana - S8Q2b You and other people can influence how revenues from oil, gas and mining are handled in your area - S7Q4a Thinking of how revenues from oil, gas and mining are handled, minding my own business is best. (inverted) - S7Q4b It is not my responsibility to improve the way revenues from oil, gas and mining are handled. (inverted) - S7Q4c I am afraid of potential reprisals if I tried to challenge the way how revenues from oil, gas and mining are handled. (inverted) - S7Q4d Even if I tried to get information about oil, gas or mining revenues from people above me, I would not receive any. (inverted)
Promoting transparency	H3a, H3b, H3c	<ul style="list-style-type: none"> • Frequency of meetings and other 	District Assembly	Sum of normalized answers to:

	T1, T2, T1+T2	<p>interactions with local electorate and chiefs with special attention paid to natural resource revenues</p> <ul style="list-style-type: none"> • Organising action with regard to natural resource revenue management 	members' questionnaire	<ul style="list-style-type: none"> - S11Q8 Did you discuss usage of the oil and mining revenues during this meeting with citizens? (If no meetings organised (S11Q7) = not discussed) - S11Q9 In the past 12 months, did you or your District Assembly organise or promote among the local people any action with regard to how natural resource revenues are used? - E11Q12 In the past 12 months, how often did you engage in personal communication with the people in your area about issues concerning revenues from oil, gas or mining? - S11Q14 In the past 12 months, did you talk to a chief or a Unit Committee members about the usage of natural resource revenues?
Demanding transparency	H4a, H4b, H4c T1, T2, T1+T2	<ul style="list-style-type: none"> • Actions taken and considered with regard to natural resource revenues and demanding more transparency • Importance given to natural resource revenues by the DA • Demand for transparency and accountability 	District Assembly members' questionnaire	<p>Sum of normalized answers to:</p> <ul style="list-style-type: none"> - S6Q8 In the past 12 months have you contacted anybody to ask about how revenues from oil, gas or mining are handled in Ghana or in your area? - S8Q4 During the last 12 months, have you or a member of your household engaged in an action mentioned in the previous question, or any other action, to improve the handling of revenues from oil, gas and mining? - S8Q7 In the near future, do you consider to engage in any action directed at trying to contribute to better use of revenues from oil, gas and mining? - S14Q1 If offered a chance to buy PIAC report. Would the respondent buy the report?

				- S11Q6 In the past 12 months, did you discuss revenues from oil, gas or mining during your District Assembly (internal) meetings?
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Table B2: Outcomes definitions – Level 2

STUDY POPULATION: Level 2 – UC members				
Hypothesis	Hypothesis and Treatment	Outcome description	Measurement	Notes on variable construction
Knowledge	H1a H1b, H1c T1, T2, T1+T2	<ul style="list-style-type: none"> • Knowledge about natural resource revenues • Knowledge about PRMA • Knowledge about ABFA projects • Knowledge about PIAC 	Unit Committee questionnaire	Sum of normalized answers to <ul style="list-style-type: none"> - S7Q1 How would you characterise your knowledge about what happens to revenues from oil and gas production? - S7Q2 How would you characterise your knowledge about what happens to revenues from mining? - S9Q2 How well do you know the content of the Petroleum Revenue Management Act, that is, the PRMA Act? (If have not heard about PRMA, that is if S9Q1=0, then S9Q2 is set 0) - S9Q5 Do you know what Annual Budget Funding Amount (ABFA) projects are? <i>Did the respondent answer: projects funded with oil field revenues or similar?</i> (0 if had not heard about ABFA or answered incorrectly, 1 if knows a little, 2 if knows ABFA well) - S9Q9 Do you know what Public Interest Accountability Committee (PIAC) does? <i>Did the respondent answer: inform citizens about oil and gas revenues or similar?</i> (0 if had not heard about ABFA or answered incorrectly, 1 if knows a little, 2 if knows PIAC well)

Attitudes	H2a, H2b, H2c T1, T2, T1+T2	<ul style="list-style-type: none"> • Attitude about rights of people with regard to petroleum revenues • Entitlement to the revenues • Obligation of government to publish information • Rights to demand information 	Unit Committee questionnaire	Sum of normalized answers to <ul style="list-style-type: none"> - S8Q1a You have a right to benefit from the oil and gas revenues Ghana receives. - S8Q1b The Government of Ghana has an obligation to publish information about oil, gas and mining revenues - S8Q1c You have a right to demand information about oil, gas or mining revenues from responsible national officials and leaders - S8Q1d You have a right to demand information about oil, gas or mining revenues from responsible local officials and leaders (not for DA) - S8Q1e You have a right to demand better handling of oil, gas and mining revenues from responsible national officials and leaders. - S8Q1f You have a right to demand better handling of oil, gas and mining revenues from responsible local officials and leaders. (not for DA) - S8Q2a You and other people can influence how revenues from oil, gas and mining are handled in Ghana - S8Q2b You and other people can influence how revenues from oil, gas and mining are handled in your area - S7Q4a Thinking of how revenues from oil, gas and mining are handled, minding my own business is best. (inverted) - S7Q4b It is not my responsibility to improve the way revenues from oil, gas and mining are handled. (inverted) - S7Q4c I am afraid of potential reprisals if I tried to challenge the way how revenues from oil, gas and mining are handled. (inverted) - S7Q4d Even if I tried to get information about oil, gas or mining revenues from people above me, I would not receive any. (inverted)
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Promoting transparency	H3a, H3b, H3c T1, T2, T1+T2	<ul style="list-style-type: none"> • Frequency of discussing natural resource revenues management on meetings with citizens • Personal communications with people on natural resource revenue management • Organising action with regard to natural resource revenue management 	Unit Committee questionnaire	Sum of normalized answers to: <ul style="list-style-type: none"> - S10Q8 Did you discuss usage of the oil and mining revenues during this meeting with citizens? (If no meetings organised (S10Q7) = not discussed) - S10Q9 In the past 12 months, did your Unit Committee organise or promote among the local people any action with regard to how natural resource revenues are used? - S10Q12 In the past 12 months, how often did you engage in personal communication with the people in your area about issues concerning revenues from oil, gas or mining?
Demanding transparency	H4a, H4b, H4c T1, T2, T1+T2	<ul style="list-style-type: none"> • Actions taken and considered with regard to natural resource revenues and demanding more transparency • Importance given to natural resource revenues by the UC • Demand for transparency and accountability 	Unit Committee questionnaire	Sum of normalized answers to: <ul style="list-style-type: none"> - S6Q8 In the past 12 months have you contacted anybody to ask about how revenues from oil, gas or mining are handled in Ghana or in your area? - S8Q4 During the last 12 months, have you or a member of your household engaged in an action mentioned in the previous question, or any other action, to improve the handling of revenues from oil, gas and mining? - S8Q7 In the near future, do you consider to engage in any action directed at trying to contribute to better use of revenues from oil, gas and mining? - S14Q1 If offered a chance to buy PIAC report. Would the respondent buy the report? - S10Q6 In the past 12 months, did you discuss revenues from oil, gas or mining during your Unit Committee (internal) meetings?

				- S10Q14 In the past 12 months, did you talk to a District Assembly member about natural resource revenues or participate in a District Assembly meeting where natural resource revenues were discussed?
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Table B3: Outcomes definitions – Level 3

STUDY POPULATION: Level 3 – Ordinary citizens				
Hypothesis	Hypothesis and Treatment	Outcome description	Measurement	Notes on variable construction
Knowledge	H1a H1b, H1c T1, T2, T1+T2	<ul style="list-style-type: none"> • Knowledge about natural resource revenues • Knowledge about PRMA • Knowledge about ABFA projects • Knowledge about PIAC 	Citizen level questionnaire	Sum of normalized answers to: <ul style="list-style-type: none"> - S7Q1 How would you characterise your knowledge about what happens to revenues from oil and gas production? - S7Q2 How would you characterise your knowledge about what happens to revenues from mining? - S9Q2 How well do you know the content of the Petroleum Revenue Management Act, that is, the PRMA Act? (If have not heard about PRMA, that is if S9Q1=0, then S9Q2 is set 0) - S9Q5 Do you know what Annual Budget Funding Amount (ABFA) projects are? <i>Did the respondent answer: projects funded with oil field revenues or similar?</i> (0 if had not heard about ABFA or answered incorrectly, 1 if knows a little, 2 if knows ABFA well) - S9Q9 Do you know what Public Interest Accountability Committee (PIAC) does? <i>Did the respondent answer: inform citizens about oil and gas revenues or similar?</i> (0 if had not heard about ABFA or answered incorrectly, 1 if knows a little, 2 if knows PIAC well)
Attitudes	H2a, H2b, H2c	<ul style="list-style-type: none"> • Attitude about rights of people with regard 	Citizen level questionnaire	Sum of normalized answers to

	T1, T2, T1+T2	<p>to petroleum revenues</p> <ul style="list-style-type: none"> • Entitlement to the revenues • Obligation of government to publish information • Rights to demand information 	<ul style="list-style-type: none"> - S8Q1a You have a right to benefit from the oil and gas revenues Ghana receives. - S8Q1b The Government of Ghana has an obligation to publish information about oil, gas and mining revenues - S8Q1c You have a right to demand information about oil, gas or mining revenues from responsible national officials and leaders - S8Q1d You have a right to demand information about oil, gas or mining revenues from responsible local officials and leaders (not for DA) - S8Q1e You have a right to demand better handling of oil, gas and mining revenues from responsible national officials and leaders. - S8Q1f You have a right to demand better handling of oil, gas and mining revenues from responsible local officials and leaders. (not for DA) - S8Q2a You and other people can influence how revenues from oil, gas and mining are handled in Ghana - S8Q2b You and other people can influence how revenues from oil, gas and mining are handled in your area - S7Q4a Thinking of how revenues from oil, gas and mining are handled, minding my own business is best. (inverted) - S7Q4b It is not my responsibility to improve the way revenues from oil, gas and mining are handled. (inverted) - S7Q4c I am afraid of potential reprisals if I tried to challenge the way how revenues from oil, gas and mining are handled. (inverted) - S7Q4d Even if I tried to get information about oil, gas or mining revenues from people above me, I would not receive any. (inverted)
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Demanding transparency	H5a, H5b, H5c T1, T2, T1+T2	<ul style="list-style-type: none"> • Natural resource revenues important for voting • Actions taken and considered with regard to natural resource revenues and demanding more transparency • Demand for transparency and accountability 	Citizen level questionnaire collection	Sum of normalized answers to: <ul style="list-style-type: none"> - S4Q4a Would you consider how oil and mining revenues are handled important in your decision who to vote for in the next Presidential / Parliamentary elections? - S6Q7 In the past 12 months have you discussed usage of revenues from oil, gas and mining with your family, friends or colleagues? - S6Q8 In the past 12 months have you contacted anybody to ask about how revenues from oil, gas or mining are handled in Ghana or in your area? - S8Q4 During the last 12 months, have you or a member of your household engaged in an action mentioned in the previous question, or any other action, to improve the handling of revenues from oil, gas and mining? - S8Q7 In the near future, do you consider to engage in any action directed at trying to contribute to better use of revenues from oil, gas and mining? - S14Q1 If offered a chance to buy PIAC report. Would the respondent buy the report?
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